

Colorado Standards and Indicators for Continuous School Improvement

School Level Standards and Indicators

Colorado State Board of Education Members November 2011

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Introduction

Background

Colorado's *Standards and Indicators for School Improvement* were originally developed in 2003 in response to federal requirements that State Education Agencies provide assistance to schools and districts identified for improvement (Title I Part A, Section 117 of the No Child Left Behind Act). At that time, the Colorado Department of Education (CDE) created a diagnostic appraisal to assist schools in their improvement efforts based upon the state of Kentucky's *Standards and Indicators for School Improvement*. Since 2003, the rubric has been used extensively in Colorado schools by School Support Teams (SST). The rubric was revised and updated over the years, with the most recent revision completed in 2008.

The current revision included a comprehensive review of the rubric and resulted in significant updates and a re-conceptualized tool. The revision process was completed July 2012 under the leadership of CDE and experienced members of Colorado School Support Teams. The revision process was designed to meet the following intent:

- Design a school review tool for use at Priority Improvement and Turnaround schools. A high priority for use of the rubric is to address the key actions that will be needed to institute improvements at these schools, while addressing a broader set of factors that go together to produce an effective continuous improvement process at schools.
- Align with the current initiatives and direction of CDE. The revision does not attempt to replicate the contents of other state level documents or tools; however, it does ensure conceptual alignment and clarity that supports a broader use of this review process across CDE units.
- Represent the best aspects of the 2008 SST rubric, both in content and format. The current rubric continues to use a framework of standards, indicators, descriptors, and levels of implementation that allow team members to rate school performance and provide grounded recommendations.
- Streamline the review process and make the SST rubric more succinct. The eight standards of the 2012 rubric are supported by thirty indicators (a reduction of 48 % from the 2008 edition) and 194 descriptors (a reduction of 35% from 2008).
- Include best and most current research with a focus on identifying leverage points for school transformation. Sources of information included systems of support used by states and national entities¹ and current research regarding continuous school improvement².
- Provide multiple opportunities for feedback from a variety of constituents within the development process. Contributions to the revision process by SST members, CDE staff, and current practitioners are gratefully acknowledged.

¹ See Systems of Support References on page 51.

² See References beginning on page 52.

Purpose and Organization

The *Standards and Indicators for Continuous School Improvement* outline the elements of systemic improvement within Colorado schools at elementary, middle, and high school levels necessary to ensure student success in postsecondary and workforce settings. These *Standards and Indicators* form the basis of Colorado's revised SST review process. Using this tool, SST members provide a comprehensive assessment of a school's current level of performance. The revised *Standards and Indicators* are also intended for use by professional staff from across CDE who are trained in usage of the tool.

The SST Rubric is comprised of eight standards organized within two strands:

Strand I: Teaching for Learning³

The *Teaching for Learning* strand describes the necessary elements of a comprehensive, standards-based teaching and learning cycle informed by four primary questions:

1. What do students need to know, understand, and be able to do? (Plan)
2. How do we teach effectively to ensure students are learning? (Do)
3. How do we know students are learning? (Reflect)
4. What do we do when students are not learning or are reaching mastery before expectation? (Revise)

The four standards that organize this strand are:

Standard 1: Standards and Instructional Planning

The school implements a curriculum that is aligned to Colorado Academic Standards and ensures rigorous, effective instructional planning.

Standard 2: Best First Instruction

Instructional staff members provide aligned, integrated, and research-based instruction that engages students cognitively and ensures that students learn to mastery.

Standard 3: Assessment of & for Learning

Teachers use multiple sources of data and consistent, high quality assessment practices to guide school, department, grade-level, and classroom decisions.

Standard 4: Tiered Support

The school implements a comprehensive system of tiered academic and behavioral support to enable students to master grade-level expectations.

³ See *The Standards-Based Teaching/Learning Cycle: 2nd Edition* (2012) - a primary reference for the *Teaching for Learning* strand.

Strand II: Organizing for Results

The *Organizing for Results* strand describes key elements required for schools to function as effective learning organizations. The standards and indicators within this strand identify critical organizational supports for the standards-based teaching and learning cycle to ensure effective results for students. The strand is informed by four primary questions:

1. How do we lead the school to accomplish effective results for students? (Lead)
2. How does our school community ensure high expectations for the performance of all students and staff? (Expect)
3. How do we develop and support a high quality professional staff? (Develop)
4. How do we keep our focus on and reach the teaching and learning goals we've set? (Sustain)

The four standards that organize this strand are:

Standard 5: Leadership

School leadership ensures the school functions as a learning organization focused on shared responsibility for student success and a rigorous cycle of teaching and learning.

Standard 6: Culture and Climate

The school functions as an effective learning community and supports a climate conducive to performance excellence for students and staff.

Standard 7: Educator Effectiveness

School leadership actively develops a high quality professional staff through professional learning, supervision, evaluation, and commitment to continuous improvement.

Standard 8: Continuous Improvement

The school implements a mission-driven cycle of continuous improvement that optimizes learning and ensures organizational effectiveness.

Organization within Strands

Elements of the SST rubric include:

Standards: Statements of the broad performance expectations for the eight interactive focus areas of Colorado's School Support System.

Indicators: The major components of each standard which receive a rating based on evidence collected for the descriptors of the indicator. The rating allows the team to determine the degree to which each standard is in place.

Descriptors: Specific statements which define and describe school review indicators and for which evidence must be collected, evaluated, and triangulated in order to determine an indicator performance level.

Levels of Implementation: Each descriptor is rated using a four-level rating scale. The four levels of implementation are:

- Level 4: Developed and fully implemented on an ongoing and sustained basis
- Level 3: Developed and generally implemented throughout the school
- Level 2: In development and/or partially implemented
- Level 1: Initial development and/or minimal implementation

Level 3 implementation is regarded as *proficient performance* for the school. The work of the team is to rate each of the descriptors based on evidence and determine the school's level of implementation (levels 1-4). Descriptor Levels are provided below to assist users in anchoring the rating levels.

Note that in the standard, indicator, and descriptor statements the term "school administrators" refers to the principal, assistant principal, and dean. The term "school leadership" refers to administrators, teacher leaders, teacher team leaders (e.g., department chairs, grade-level leaders), coaches, etc.

Descriptor Levels

Level 4	Level 3	Level 2	Level 1	NA
Developed and fully implemented on an ongoing and sustained basis	Developed and generally implemented throughout the school	In development and/or partially implemented	Initial development and/or minimal implementation	Not Applicable
This item should be rated a 4 if evidence suggests it occurs: ▪ routinely ▪ consistently ▪ systemically ▪ ongoing ▪ sustained ▪ by/for all	This item should be rated a 3 if evidence suggests it occurs: ▪ frequently ▪ usually ▪ school-wide ▪ by/for most ▪ by/for many	This item should be rated a 2 if evidence suggests it occurs: ▪ occasionally ▪ sometimes ▪ has begun ▪ being piloted ▪ by/for some	This item should be rated a 1 if evidence suggests it occurs: ▪ seldom ▪ very infrequently ▪ under discussion, but little or no implementation ▪ by/for very few ▪ not happening	This item should be rated NA if evidence suggests: ▪ item is not applicable to school level ▪ responsibility for this lies only at the district level ▪ other conditions within the context of the school justify NA

Basis of Rubric Ratings

Sources of Evidence

The team uses three sources of evidence: (a) interviews with staff members, administrators, students, parents, and district representatives; (b) review of an extensive portfolio of school documents, and (c) observations of instruction, team meetings, etc. Examples of possible sources are provided to help team members determine what interviews, document review, and observations are needed to complete the school review process.

Interview Questions

A comprehensive menu of interview questions aligned with the 2012 version of the SST review is provided to help team members unpack the ideas, concepts, and background research inherent in the rubric and collect information to help rate school performance.

School Support Team Review Process

SST Review Teams

Teams consist of carefully selected, trained individuals who have an extensive educational background related to school leadership and educational practices as well as a broad understanding of research related to the current *Standards and Indicators for Continuous School Improvement*.

Orientation

Once the logistics (e.g., dates, interview schedule) are determined, the school receives an orientation to ensure that staff members are aware of the upcoming review, understand its purpose and parameters, and have the opportunity to ask questions about the process.

SST Review Deliverables

Schools receive a comprehensive report including:

1. Detail Report
 - Identifies the school's ratings on all elements of the School Level Standards and Indicators
 - Provides explanatory comments for the ratings
2. Summary Report
 - Provides a one page, color-coded summary of Indicator ratings for each Standard
3. Executive Summary Report
 - Provides customized, focused, and high-leverage suggestions for improvement, including potential actions steps
 - Identifies areas of commendation
 - Includes guiding questions to promote continued dialogue among staff members
 - Contains key logistics from the review (number of interviews, etc.)

Exit Meeting

Prior to the roll-out, the report is officially presented to school and district leadership, allowing them to review the report in advance of the rest of the staff. During the exit meeting, aspects of the completed process are reviewed, key elements in the report highlighted, results discussed, questions answered, and next steps explained.

Roll-Out

Following the review, the staff participates in an active and interactive "roll-out" of the report which enables them to read and have dialogue about the report's contents. The roll-out process also enables the staff to see the connection between their data and the report recommendations. Using that information, the staff arrives at consensus about priority areas for improvement.

Supporting Documents

Glossary

A glossary is provided for users to ensure a consistent interpretation of the concepts represented in the *Standards and Indicators for Continuous School Improvement*.

References

Citations for the research used in the development of the revised *Standards and Indicators for Continuous School Improvement* are included in the References section of this document. We acknowledge valuable contributions to the References from recent SST reports as well as the 2012 edition of *The Standards-Based Teaching/Learning Cycle*.

Teaching for Learning

Standard 1: Standards and Instructional Planning

The school implements a curriculum that is aligned to Colorado Academic Standards and ensures rigorous, effective instructional planning.

Indicator 1.a. Standards-Based Focus

Teachers plan instruction based on the district's curriculum aligned with Colorado Academic Standards and grade-level expectations.

- 1.a.1. Teaching/Learning Cycle. Teachers have a common understanding of a standards-based teaching and learning cycle.
- 1.a.2. Curriculum Analysis. Teachers and school leadership analyze and understand the academic standards and expectations for their grade level and/or content area(s).
- 1.a.3. Indicators of Mastery. The school uses indicators of mastery, such as evidence outcomes, to describe types and levels of performance expected at each grade level.
- 1.a.4. Horizontal Articulation. Teachers participate in horizontal curriculum articulation (within grade level or department/course) within the school to ensure consistency of planning and practice.
- 1.a.5. Vertical Articulation within School. Teachers participate in vertical articulation (cross-grade or content area) to ensure there are no gaps or unnecessary overlaps in curriculum.
- 1.a.6. Vertical Articulation across Schools. Teachers participate in vertical curriculum articulation across schools at key transition points to clarify expectations and ensure there are no gaps or unnecessary overlaps.
- 1.a.7. Communication with Students and Families. Standards and grade-level expectations are communicated effectively to students and families.
- 1.a.8. Job-Embedded Professional Learning. Instructional staff engages in ongoing, job-embedded professional learning opportunities (including coaching) to initiate and refine standards-based instructional planning.

Teaching for Learning: Standard 1

Indicator 1.b. Guaranteed and Viable Curriculum

Teachers consistently plan instruction to ensure a guaranteed and viable curriculum is provided.

- 1.b.1. **Equitable and Challenging.** Instructional planning ensures equitable and challenging learning experiences that scaffold increasing depth, breadth, and cognitive complexity to prepare all students for success at the next level.
- 1.b.2. **21st Century Skills.** Twenty-first century skills (i.e., collaboration, critical thinking, invention, information literacy, and self-direction) are routinely incorporated into instructional planning.
- 1.b.3. **Prepared Graduate Competencies.** Instructional planning (P-12) incorporates prepared graduate competencies to ensure student success in postsecondary and workforce settings.
- 1.b.4. **Relevance.** Instructional planning emphasizes the relevance and application of acquired knowledge and skills to real-world situations.
- 1.b.5. **Information Literacy and Technology.** Instructional planning includes student research, information literacy, reasoning skills, and students' routine access to available technology at each grade level.
- 1.b.6. **Resource Allocation.** Planning ensures teachers have sufficient time, materials, and instructional tools to teach the curriculum so students can learn the content and perform at mastery level.
- 1.b.7. **Access to Curriculum.** All students have access to the district's guaranteed and viable curriculum regardless of content area, level, course, or teacher.

Teaching for Learning: Standard 1

Indicator 1.c. Instructional Planning

Instructional planning is frequently collaborative and leads to instruction that is coherent and focused on student learning.

- 1.c.1. Collaborative Planning. School administrators promote collaborative planning by scheduling adequate time in the master schedule.
- 1.c.2. Backwards Design. Teachers use a backwards design process to ensure instructional planning begins with the end in mind, starting with the big ideas, learning targets, and planned criteria to assess mastery.
- 1.c.3. Data and Planning. Teachers use student data and current performance levels when planning instruction.
- 1.c.4. Common Planning Expectations. Teachers incorporate common elements in their planning, such as learning objectives, academic vocabulary, essential questions, and differentiated student activities.
- 1.c.5. Planning Tools. Teachers use aligned curricular documents and other tools (e.g., curriculum maps, pacing guides) to guide their instructional planning.
- 1.c.6. Rigor. Teachers include high expectations and academic rigor for all students in their instructional planning.
- 1.c.7. Academic Program Alignment. Curriculum is coordinated and aligned across academic programs (e.g., special education, gifted education).
- 1.c.8. Curriculum and Materials. Teachers understand the different purposes of curriculum and instructional programs/materials and use both appropriately in instructional planning.
- 1.c.9. Accountability. School administrators monitor instructional plans and hold teacher teams accountable for developing standards-based lessons.

Standard 2: Best First Instruction

Instructional staff members provide aligned, integrated, and research-based instruction that engages students cognitively and ensures that students learn to mastery.

Indicator 2.a. Standards-Based Instruction

Instructional staff consistently implements standards-based instructional practices.

- 2.a.1 Learning Goals. Teachers ensure that all students understand the goal of each lesson.
- 2.a.2. Clear Performance Expectations. Teachers consistently communicate expectations for mastery-level performance using tools such as exemplars, models, rubrics, checklists, and think-alouds.
- 2.a.3. Instructional Focus. Teachers ensure that instruction emphasizes concepts and skills to meet grade-level expectations.
- 2.a.4. Formative Assessment. Teachers continually monitor and adjust instruction and content based on multiple checks for understanding and formative assessment.
- 2.a.5. Evaluation of Instruction. Teacher teams regularly evaluate the impact of classroom instruction on student learning.
- 2.a.6. Job-Embedded Professional Learning. Instructional staff engages in job-embedded professional learning opportunities (including coaching) to improve teaching and learning.

Teaching for Learning: Standard 2

Indicator 2.b. Instructional Context

Instructional practices and resources are in place to facilitate and support effective teaching and learning.

- 2.b.1. Maximizing Learning Time. Teachers provide bell-to-bell instruction and implement classroom procedures that reduce interruptions and minimize lost instructional time.
- 2.b.2. Classroom Management. Student behavioral expectations are explicitly taught, clearly understood, and consistently reinforced in classrooms.
- 2.b.3. School-Home Communication. The school provides school-home communication focused on ways for families to support student learning.
- 2.b.4. Homework Practices. Homework is aligned to previously-taught learning targets, extends student learning, and generates instructional follow-up.
- 2.b.5. Instructional Resources. Instructional resources (e.g., textbooks, supplemental reading, library resources, technology) are sufficient to support effective teaching of the curriculum.
- 2.b.6. Access to Early Childhood Education. The school provides or collaborates with community agencies to provide early childhood instructional services aligned with the K-12 system.

Teaching for Learning: Standard 2

Indicator 2.c. Instructional Practices

Teachers consistently use instructional strategies informed by current research to raise student achievement and close achievement gaps.

- 2.c.1. Gradual Release of Responsibility. Instructional staff provides an increasing succession of student responsibility by moving from modeling and structured practice to guided and independent practice.
- 2.c.2. Direct and Explicit. Instructional staff uses modeling, demonstrations, and multiple examples to teach skills and strategies and provides frequent opportunities for student practice and response.
- 2.c.3. Review/Re-teach/Revise. Teachers review learning strengths and errors with students, re-teach as needed, and help students revise their work.
- 2.c.4. Cognitive Engagement. Teachers use strategies to ensure students are cognitively engaged (e.g., reciprocal teaching, problem-based learning, cooperative group learning, independent practice).
- 2.c.5. Skillful Questioning. Teachers plan classroom questions to help students deepen and revise their thinking and support students in asking questions as an integral part of learning.
- 2.c.6. Integration. Teachers help students make relevant connections within and between disciplines and present new concepts in multiple contexts to ensure transfer of learning.
- 2.c.7. Thinking Skills. Teachers routinely and explicitly model and incorporate higher order thinking, meta-cognition, and problem solving skills into daily lessons.
- 2.c.8. Accountability. School leadership routinely monitors classroom instruction and provides ongoing feedback to ensure teachers provide effective instruction.

Teaching for Learning: Standard 2

Indicator 2.d. Meeting Individual Needs

Instructional staff uses developmentally, culturally, and linguistically appropriate instructional strategies to meet the diverse needs of all students.

- 2.d.1. Differentiation. Instructional staff adjusts, clarifies, or re-frames instructional strategies, routines, or content in a timely way to ensure groups of students and individual students are mastering required learning.
- 2.d.2. Learner-Centered Pedagogy. Classroom instruction provides each student with multiple opportunities to apply background knowledge, correct misconceptions, and engage in deliberate and meaningful practice as new learning is acquired.
- 2.d.3. Variety of Resources. Teachers use a variety of materials, curricula, and academic tasks that are responsive to the range of student needs.
- 2.d.4. Linguistic Strategies. The school implements a comprehensive and coherent approach to meet the needs of students who are non-English-speaking and/or who have limited English proficiency.
- 2.d.5. Enrichment. Teachers provide opportunities for students performing at grade level and beyond to ensure their learning is challenging, engaging, and sustained.
- 2.d.6. Early Childhood Instruction. Preschool instruction builds academic readiness skills, develops background knowledge, increases self-regulation, and introduces academic vocabulary.

Teaching for Learning: Standard 2

Indicator 2.e. Students as Learners

Teachers empower students to share responsibility for, and be actively engaged in, their learning.

- 2.e.1. Student Engagement. Student participation is active, purposeful, and thoughtful.
- 2.e.2. Student-Friendly Language. Teachers share learning targets, performance requirements, and assessment results in student-friendly language.
- 2.e.3. Descriptive Feedback. Teachers provide students with regular, specific, and timely descriptive feedback to help them improve their performance.
- 2.e.4. Mastery Requirements. Students know and can articulate what is required to demonstrate mastery of grade-level expectations.
- 2.e.5. Self-Evaluation. Students learn to evaluate their current performance in relation to expectations for mastery using rubrics, scoring guides, examples, and exemplars to analyze and improve their work.
- 2.e.6. Goal-Setting. Students use feedback and assessment results to set and monitor their learning goals.
- 2.e.7. Efficacy and Perseverance. Teachers develop student efficacy and help students persist when faced with a challenging task.
- 2.e.8. Student Reporting. Teachers involve students (e.g., student led-conferences, journals) in reporting their progress to families.

Standard 3: Assessment of and for Learning

The school uses multiple measures and assessment strategies to continuously inform instruction to meet student needs, measure student progress toward and mastery of grade-level expectations, and improve instruction.

Indicator 3.a. Use of Assessment and Data

Teachers use multiple sources of data and consistent, high quality assessment practices to guide school, department, grade-level, and classroom decisions.

- 3.a.1. Data System Use. School leadership and instructional staff access and use data systems to efficiently manage, disaggregate, display, and report multiple types and sources of data.
- 3.a.2. Time Scheduled. School administrators ensure time is routinely scheduled for collaborative teams to engage in data dialogue.
- 3.a.3. Data Dialogue. Common processes, protocols, and language for analyzing data are used schoolwide.
- 3.a.4. Student Assessment Practices. Teachers ensure students understand the purpose of each assessment, acquire test-taking strategies, and use assessment as a tool for learning.
- 3.a.5. Assessment Purposes. School leadership and instructional staff understand the purpose of each assessment (e.g., screening, diagnosing, progress monitoring, measuring achievement).
- 3.a.6. Common Assessments. Grade levels and departments use common assessments and scoring guides to ensure fidelity to curriculum and consistent performance expectations.
- 3.a.7. Review of Classroom Assessments. Classroom assessments are periodically reviewed to ensure alignment to grade-level expectations and learning targets and consistency in measuring intended outcomes.
- 3.a.8. Assessment Rigor. Classroom assessments evaluate student learning at a level of rigor comparable to the cognitive/performance level required by the Colorado standard(s) being assessed.
- 3.a.9. Opportunities to Demonstrate Mastery. Teachers provide students with multiple opportunities and/or strategies to demonstrate progress toward mastering grade-level expectations.
- 3.a.10. Analysis of Student Work. Teacher teams frequently analyze student work as an important source of data to evaluate both student learning and effectiveness of instruction.
- 3.a.11. Job-Embedded Professional Learning. School leadership and staff members engage in ongoing, job-embedded professional learning opportunities (including coaching) to enhance and refine assessment practices (e. g., interpreting data, participating in data dialogue, modifying instruction based on student data).
- 3.a.12. Accountability. School leadership routinely monitors the use of school and classroom-level assessments and provides ongoing feedback to ensure teachers use high quality assessment practices.
- 3.a.13. Monitoring Data-Informed Decisions. Data teams routinely evaluate the effectiveness of their data-informed decisions.

Teaching for Learning: Standard 3

Indicator 3.b. Assessment for Learning

Formal and informal assessment data are analyzed during the learning process to modify instructional strategies or content to meet the needs of learners.

- 3.b.1. Checking for Understanding. Teachers adjust classroom instruction based on frequent and regular checks for understanding/formative assessment (e.g., teacher questions, student responses, student questions, observations).
- 3.b.2. Progress Monitoring. Teachers use the results of formal and informal assessments to predict student performance, monitor and adjust curriculum and instructional practices, and identify and address group or individual needs.
- 3.b.3. Interim Assessments. Interim assessments determine progress over time (e.g., end of unit, quarter) and help guide decisions regarding the need for additional intervention.
- 3.b.4. Feedback to Students. Assessment results are shared with students to help them revise their work and improve their understanding of how they learn.
- 3.b.5. Data Analysis. Individual and disaggregated group data are routinely analyzed to identify specific student needs, evaluate classroom practices, and modify instruction.

Teaching for Learning: Standard 3

Indicator 3.c. Assessment of Learning

School leadership and instructional staff use multiple sources of summative assessment data to evaluate student learning and instructional effectiveness.

- 3.c.1. Interim and Summative Data. Interim and summative assessments provide information on student mastery and help evaluate the effectiveness of instructional practices and programs across content areas and grade levels.
- 3.c.2. External Sources of Data. School leadership and instructional staff use external assessment results (e.g., Colorado Growth Model, state assessments) to obtain information on student learning, achievement gaps, and instruction.
- 3.c.3. Patterns of Achievement. School leadership and instructional staff analyze a variety of assessment data to determine patterns of student achievement, growth, and changes in growth gaps across classrooms, grade levels, and content areas.
- 3.c.4. Reports to Families. School leadership ensures that summative assessment results are shared in timely, clear, and convenient ways with students and families.

Standard 4: Tiered Support

The school implements a comprehensive system of tiered academic and behavioral support to enable students to master grade-level expectations.

Indicator 4.a. System of Tiered Supports

The school implements a system of tiered support within the rigorous, standards-based system of teaching and learning.

- 4.a.1. Continuum of Supports. The school provides a comprehensive continuum of evidence-based, supplementary instruction and intervention.
- 4.a.2. Progression of Learning. Teachers design a progression of learning that leads students to master grade-level expectations.
- 4.a.3. Integral to Teaching/Learning Cycle. Tiered support is an integral part of a rigorous, ongoing teaching/learning cycle.
- 4.a.4. Behavior Supports. The school implements a proactive system of instruction and intervention for behavior to ensure that each student is a successful member of the school learning community.
- 4.a.5. Quality of Interventions. Classroom-level and schoolwide interventions provided for both remediation and advanced needs are systematic, timely, and intentional.
- 4.a.6. Research/Needs Based. All intervention models, programs, or strategies are research based and delivered to meet the individual learning needs of students.
- 4.a.7. Flexible Resource Allocation. The school allocates time, materials, and personnel to respond to student learning concerns based on need.
- 4.a.8. Ongoing Monitoring. The school ensures ongoing, frequent use of data to monitor that learning is accelerated or enriched as intended.
- 4.a.9. Student Participation Criteria. The school uses clear criteria and processes for making decisions regarding level and length of student participation in tiered supports.
- 4.a.10. Job-Embedded Professional Learning. The school staff engages in ongoing, job-embedded professional learning (including coaching) to help improve implementation of tiered academic and behavioral supports.

Teaching for Learning: Standard 4

Indicator 4.b. Multiple Learning Opportunities

Students who do not learn effectively through best first instruction are provided multiple opportunities to learn, first within their classroom, grade-level team, and/or department, and then beyond the classroom.

- 4.b.1. Tiered Supports. The school provides multiple opportunities and interventions for students in need using a system that includes at least three tiers including best first instruction, Tier II (targeted/supplemental), and Tier III (intensive).
- 4.b.2. Best First Instruction. Instructional staff places a primary focus on the best first instruction of all students.
- 4.b.3. Tier II Interventions. Tier II grade level or content instructional interventions are provided for students performing below mastery to supplement their classroom instruction.
- 4.b.4. Tier II Extended Enrichment. Tier II extended enrichment opportunities are available for students performing above mastery to supplement their classroom instruction.
- 4.b.5. Tier III Remedial Intervention. Tier III interventions are provided with sufficient time, intensity, and frequency to meet individual remedial needs of students at the highest risk of failure or dropping out of school.
- 4.b.6. Tier III Advanced Intervention. Tier III interventions are provided with sufficient time, intensity, and frequency to specifically meet individual student advanced needs.
- 4.b.7. Integrated Support. Support structures and programs (e.g., Title I, ESL, Special Education) are integrated into the school's tiered intervention process to provide collaborative support for student learning.
- 4.b.8. Extended Learning Opportunities. The school offers a range of extended learning opportunities within and beyond the school day and the school year.
- 4.b.9. Accountability. School leadership routinely monitors tiered supports and interventions to ensure they are delivered with fidelity and provide feedback regarding effective implementation.

Teaching for Learning: Standard 4

Indicator 4.c. Family and Community Partnerships

The school develops and sustains family and community partnerships to share responsibility for student success.

- 4.c.1. Partnerships for Student Success. Collaborative partnerships with families and the community are cultivated and emphasize shared responsibility for the success of students.
- 4.c.2. Active Family Participation. Families are active participants in the problem-solving model to identify concerns, determine strategies, and implement actions to support positive student outcomes.
- 4.c.3. Supported Family Partnerships. The school ensures families are provided opportunities to be partners in supporting student learning (e.g., math nights, parenting classes).
- 4.c.4. External Support. The school communicates timely information to students and families regarding available external support services such as health and social services.

Organizing for Results

Standard 5: Leadership

School leadership ensures the school functions as a learning organization focused on shared responsibility for student success and a rigorous cycle of teaching and learning.

Indicator 5.a. Expectations for Excellence

School leadership holds and communicates explicit high expectations for the performance of students and adults.

- 5.a.1. Student Expectations. School leadership effectively communicates a shared vision of high expectations for the academic and behavioral performance of all students.
- 5.a.2. Adult Expectations. School administrators hold staff accountable for planning, teaching, and assessing in ways that promote student learning.
- 5.a.3. Adult Learning Model. School administrators intentionally model the importance of continued adult learning.
- 5.a.4. Professionalism. School leadership models and expects professionalism from all staff members.

Organizing for Results: Standard 5

Indicator 5.b. Instructional Leadership

School leadership focuses on improving and supporting effective teaching and learning.

- 5.b.1. Visible and Accessible in Classrooms. School administrators are visible and accessible within classrooms and frequently work with teachers to address instructional needs.
- 5.b.2. Supervision and Evaluation. School administrators implement supervision and evaluation processes that develop and sustain the performance of a highly competent staff.
- 5.b.3. Culture of Collaboration. School leadership promotes and supports a schoolwide culture of collaboration.
- 5.b.4. Schoolwide Dialogue. School leadership facilitates ongoing schoolwide dialogue about standards, instruction, and assessment with a focus on integrating the use of research-based practices.
- 5.b.5. Teacher Leadership. School administrators promote teacher leadership capacity within the school.

Organizing for Results: Standard 5

Indicator 5.c. School Efficiency and Effectiveness

School administrators develop and align systems, processes, and resources to establish and sustain an effective teaching and learning environment.

- 5.c.1. Organizational Direction. School administrators ensure that the roles and responsibilities (tasks, processes, and relationships) of all staff members are clear.
- 5.c.2. Protecting Time. School administrators establish parameters and develop schedules that maximize instructional, preparation, and collaborative time.
- 5.c.3. School Management. School administrators ensure a safe and well-organized environment for staff and students throughout the school campus by establishing clear schoolwide expectations and procedures and ensuring their implementation with fidelity.
- 5.c.4. Decision Making. School administrators establish, communicate, and implement decision-making processes and protocols and ensure clarity about the locus of decision making.
- 5.c.5. Maximizing Resources. School leadership aligns available resources (e.g., personnel, fiscal, time, materials) with school priorities to maximize school effectiveness.

Organizing for Results: Standard 5

Indicator 5.d. Capacity Building

School leadership continually builds school capacity to impact student and staff success.

- 5.d.1. Guiding Change. School leadership facilitates improvement efforts guided by an understanding of change processes.
- 5.d.2. School Focus. School leadership effectively minimizes factors that distract from the primary purpose of raising student achievement.
- 5.d.3. Distributed Leadership. Leadership is intentionally developed and distributed among individuals and teams (e.g., building leadership team, data teams, teacher leaders) to foster shared ownership of school success.
- 5.d.4. Communication. School leadership supports school change by listening, sharing results and needs, revisiting the schools vision and goals, and cultivating input from staff, students, and the school community.
- 5.d.5. Motivation/Encouragement. School leadership motivates and encourages teachers for the challenges of teaching to mastery.
- 5.d.6. Networking. School leadership networks with colleagues, district leadership, stakeholders, and outside entities to support improvement efforts.
- 5.d.7. Family and Community Partnerships. School leadership initiates and sustains activities which result in meaningful family and community engagement, support, and ownership of the school.

Organizing for Results: Standard 5

Indicator 5.e. Knowledge and Skills

School leadership demonstrates knowledge and skills in the areas of academic performance, learning environment, and organizational effectiveness.

- 5.e.1. Rigorous Teaching/Learning Cycle. School leadership understands what is required to implement a rigorous cycle of teaching and learning and guides practices and processes for systemic implementation.
- 5.e.2. Diversity. School leadership values diversity and demonstrates the knowledge and skills needed to work effectively with staff, students, families, and community members from diverse cultures and ethnicities.
- 5.e.3. Systems Thinking. School leadership applies systems thinking to support school improvement efforts.
- 5.e.4. Conflict Resolution. School leadership uses conflict management and resolution strategies effectively.

Standard 6: Culture and Climate

The school functions as an effective learning community and supports a climate conducive to performance excellence for students and staff.

Indicator 6.a. Academic Expectations

School leadership and staff demonstrate the belief that all students can learn at high levels.

- 6.a.1. High Expectations. The school culture is one of high academic expectations, “no excuses,” and problem solving.
- 6.a.2. Learner-Centered. School leadership and staff establish and sustain a learning and learner-centered focus among all members of the school community.
- 6.a.3. Urgency/Responsibility. School leadership and staff demonstrate an understanding of and accept responsibility for the urgent need to improve student outcomes.
- 6.a.4. Institutionalized Best Practices. School leadership ensures that coherent, common research-based practices for the teaching/learning cycle are consistently evident in all classrooms.
- 6.a.5. Accountability for Quality Work. Teachers hold students accountable for producing quality work and provide students with quality criteria (indicators of mastery) and support.
- 6.a.6. Recognition of Quality Work. School staff members showcase quality student work as exemplars and use examples of student work to celebrate achievement.
- 6.a.7. Pedagogy. Teachers incorporate an understanding of how students learn into instruction.

Organizing for Results: Standard 6

Indicator 6.b. Inclusive Learning Environment

Support for the physical, cultural, and socio-economic needs of all students reflects a commitment to equity and an appreciation of diversity.

- 6.b.1. Welcoming Environment. The school demonstrates a welcoming and inviting environment for all students, families, and community members.
- 6.b.2. Accessible to Families. School leadership and staff make themselves available to work with families in addressing student needs.
- 6.b.3. Commitment to Equity. Regardless of culture, ability, life experience, socioeconomic status, or primary language, each student is expected to master grade-level expectations.
- 6.b.4. Cultural Awareness. School staff members promote understanding of and respect for all cultural backgrounds as an integral component of the learning environment.
- 6.b.5. Culturally Responsive Communication. Multiple culturally and linguistically appropriate communication strategies support engaged communication and conversation with all stakeholders.
- 6.b.6. Student Participation. The school makes an intentional effort to involve students from all sub-groups in academic and extra-curricular activities.
- 6.b.7. Professional Learning: Diversity. Staff members participate in professional learning to implement practices that support equity and an understanding of diversity.

Organizing for Results: Standard 6

Indicator 6.c. Safe and Orderly Environment

The physical condition of the school and a schoolwide understanding of behavioral expectations ensure students and staff experience a safe, orderly, and supportive environment.

- 6.c.1. Condition of the School. The physical structures and condition of the school provide students and staff members with a safe, healthy, and orderly learning environment.
- 6.c.2. Behavioral Expectations. Behavioral expectations are well defined, posted in a variety of settings, and clearly communicated to students and families.
- 6.c.3. Reinforcing Expectations. Staff members consistently teach, re-teach and reinforce behavioral expectations and classroom routines.
- 6.c.4. Classroom Consequences. School leadership ensures that a consistent sequence of consequences for negative student behaviors is equitably applied in classrooms throughout the school.
- 6.c.5. School Consequences. School leadership enforces schoolwide behavioral expectations and applies consistent and appropriate consequences.
- 6.c.6. Positive Reinforcement. Staff members use praise and positive reinforcement to motivate students to high levels of behavior and academic performance.
- 6.c.7. Environment Data. Learning environment data (e.g., culture/climate surveys, opinion surveys, focus groups) are regularly collected and analyzed to help evaluate the effectiveness of school culture and climate.

Organizing for Results: Standard 6

Indicator 6.d. Trust and Respect

The school demonstrates an inclusive culture of mutual trust, respect, and positive attitudes that supports the personal growth of students and adults.

- 6.d.1. Culture of Collaboration. A culture of collaboration is established and evident throughout the school.
- 6.d.2. Student/Adult Relationships. Students can identify at least one adult with whom they have a positive relationship. Establishing positive and trusting student/adult relationships is a school priority.
- 6.d.3. Staff/Family Relationships. Establishing positive and trusting relationships with families is a school priority.
- 6.d.4. Respect. Members of the school community respectfully consider the perspectives of others.
- 6.d.5. Motivation. Staff members challenge and inspire students to meet high expectations for performance.
- 6.d.6. Celebration. School, staff, and student success is highly valued and publicly celebrated.
- 6.d.7. Safe Environment. School leadership facilitates the creation of a safe environment for teachers and staff to work as a learning community.

Standard 7: Effective Educator

School leadership actively develops a high quality professional staff through professional learning, supervision, evaluation, and commitment to continuous improvement.

Indicator 7.a. High Quality Staff

The school implements processes that support recruitment and retention of high quality professional staff.

- 7.a.1. High Expectations. School leadership communicates clear and high expectations for professional practice.
- 7.a.2. Recruitment. School leadership recruits teachers who demonstrate the content knowledge, instructional skills, and interpersonal skills necessary to perform successfully within a standards-based teaching/learning environment.
- 7.a.3. Supporting/Retaining Staff Members. The school provides active, constructive support (e.g., coaching, mentoring, peer assistance) to staff members designed to maintain and extend their capacity to contribute effectively to student learning and school improvement.
- 7.a.4. Mentors. Mentors are well-trained, selected based on effectiveness, and held accountable for engaging in frequent and meaningful activities with staff.
- 7.a.5. Support for New Staff. The school provides new educators with a school-level orientation program which includes a focus on school learning expectations, operations, culture, and community.
- 7.a.6. Performance Improvement. School administrators ensure training and mentoring is provided to low-performing teachers to improve their performance.
- 7.a.7. Staff Assignments. School administrators implement a strategic approach to staff assignments that matches teacher skills to student needs.
- 7.a.8. Staff Efficacy. Staff members exhibit confidence that they will accomplish academic and personal goals.

Organizing for Results: Standard 7

Indicator 7.b. Supervision and Evaluation

The school implements supervision and evaluation processes designed to improve professional practice, instruction, and student success.

- 7.b.1. System of Supervision and Evaluation. School administrators use a transparent, clearly defined, and fully implemented system of employee supervision and evaluation to improve professional and instructional practices.
- 7.b.2. Staff Growth Goals. Staff members collaborate with their supervisor to develop annual growth goals designed to build professional capacity and improve performance.
- 7.b.3. Meaningful Feedback. School administrators provide regular and meaningful feedback to staff members to improve performance related to job responsibilities and growth goals.
- 7.b.4. Value of Evaluation. Teachers understand the evaluation process and regard it as an important factor in their professional growth.

Organizing for Results: Standard 7

Indicator 7.c. Professional Learning

Instructional staff members and school leadership participate in continuous, high-quality, research-informed professional learning.

- 7.c.1. Needs-Based Plan. The school conducts a comprehensive needs assessment to develop a plan for professional learning based on the needs of students and adults within the school.
- 7.c.2. Job-Embedded. Professional learning is ongoing and job-embedded (e.g., mentoring, coaching, lesson study).
- 7.c.3. Research-Based. Selection of professional learning opportunities is intentional and grounded in current research.
- 7.c.4. Coaching. Coaches have the technical knowledge and skills to work successfully with staff members and are held accountable for helping staff improve professional performance.
- 7.c.5. Reflection and Revision. Professional learning promotes independent and group reflection that enables teachers to share innovations and revise classroom practices.
- 7.c.6. Differentiated. Professional learning is differentiated to support the professional growth of instructional staff and school leadership.

Organizing for Results: Standard 7

Indicator 7.d. Impact of Professional Learning

Professional learning is monitored and evaluated to ensure it supports the work of the school and improves teacher effectiveness.

- 7.d.1. Follow-up. School leadership provides ongoing follow-up and support for professional learning to ensure new knowledge, skills, and practices are effectively implemented.
- 7.d.2. Expectations for Implementation. School administrators provide clear and specific expectations for implementing new skills and practices with fidelity.
- 7.d.3. Evaluation of Professional Learning. Professional learning opportunities are routinely evaluated for relevance, usefulness, and effectiveness in improving professional practice.

Standard 8: Continuous Improvement

The school implements a mission-driven cycle of continuous improvement that optimizes learning and ensures organizational effectiveness.

Indicator 8.a. School Mission and Goals

The school's vision, mission and goals are meaningful, clearly communicated, and used to provide a sense of purpose, direction, and identity for the school community.

- 8.a.1. Beliefs and Values. The school vision and mission for student success are collaboratively developed based on the beliefs and values of the school community.
- 8.a.2. Communication and Relevance. School leadership continuously communicates the vision and mission of the school and uses them to reinforce the school community's commitment to student success.
- 8.a.3. Alignment/Focus. School leadership and staff members intentionally align decisions, actions, and initiatives to the school's mission and goals.

Organizing for Results: Standard 8

Indicator 8.b. Cycle of Continuous Improvement.

The school engages in a sustained cycle of continuous improvement focused on student achievement.

- 8.b.1 Focus. School leadership establishes and sustains a focus on continuously improving student achievement.
- 8.b.2. Data Systems. The school uses systems for access and analysis that ensure timely and continuous use of data to improve student achievement.
- 8.b.3. Strategic Actions. Improvement efforts are effectively aligned with other school priorities and adjusted as needed.
- 8.b.4. Manageable Initiatives. School administrators identify a manageable number of priorities for school improvement.
- 8.b.5. Theory of Action. Improvement activities are purposefully designed to address prioritized performance challenges in a way that will result in significant improvements in student learning.

Organizing for Results: Standard 8

Indicator 8.c. Improvement Planning

School leadership and staff use an inclusive, thoughtful, and thorough process to write, implement, monitor, evaluate, and adjust the school's Unified Improvement Plan (UIP).

- 8.c.1. Collaborative Process. School leadership uses a collaborative process to develop, implement, and monitor the UIP.
- 8.c.2. Representative Group. A representative group of instructional staff, families, and community members are actively engaged in the UIP process.
- 8.c.3. Comprehensive Data Analysis. School leadership and staff regularly analyze multiple types of data (i.e., student learning, demographic, process, perception) to plan and revise school improvement efforts.
- 8.c.4. Relevant Research. The school applies current and relevant educational research to the development of the UIP.
- 8.c.5. Ownership of UIP. School leadership and staff have ownership for the implementation and outcomes of the UIP.
- 8.c.6. Implementation Checks. School leadership regularly monitors and adjusts implementation of the UIP based on performance targets, interim measures, and implementation benchmarks.

Standard 1: Standards and Instructional Planning. The school implements a curriculum that is aligned to Colorado Academic Standards and ensures rigorous, effective instructional planning.

Indicator 1.a. Standards-Based Focus. Teachers plan instruction based on the district's curriculum aligned with Colorado Academic Standards and grade-level expectations.

Indicator 1.b. Guaranteed and Viable Curriculum. Teachers consistently plan instruction to ensure a guaranteed and viable curriculum is provided.

Indicator 1.c. Instructional Planning. Instructional planning is frequently collaborative and leads to instruction that is coherent and focused on student learning.

Standard 2: Best First Instruction. Instructional staff members provide aligned, integrated, and research-based instruction that engages students cognitively and ensures that students learn to mastery.

Indicator 2.a. Standards-Based Instruction. Instructional staff consistently implements standards-based instructional practices.

Indicator 2.b. Instructional Context. Instructional practices and resources are in place to facilitate and support effective teaching and learning.

Indicator 2.c. Instructional Practices. Teachers consistently use instructional strategies informed by current research to raise student achievement and close achievement gaps.

Indicator 2.d. Meeting Individual Needs. Instructional staff uses developmentally, culturally, and linguistically appropriate instructional strategies to meet the diverse needs of all students.

Indicator 2.e. Students as Learners. Teachers empower students to share responsibility for, and be actively engaged in, their learning.

Standard 3: Assessment of & for Learning. The school uses multiple measures and assessment strategies to continuously inform instruction to meet student needs, measure student progress toward and mastery of grade-level expectations, and improve instruction.

Indicator 3.a. Use of Assessment and Data. Teachers use multiple sources of data and consistent, high quality assessment practices to guide school, department, grade-level, and classroom decisions.

Indicator 3.b. Assessment for Learning. Formal and informal assessment data are analyzed during the learning process to modify instructional strategies or content to meet the needs of learners.

Indicator 3.c. Assessment of Learning. School leadership and instructional staff use multiple sources of summative assessment data to evaluate student learning and instructional effectiveness.

Standard 4: Tiered Support. The school implements a comprehensive system of tiered academic and behavioral support to enable students to master grade-level expectations.

Indicator 4.a. System of Tiered Supports. The school implements a system of tiered support within the rigorous, standards-based system of teaching and learning.

Indicator 4.b. Multiple Learning Opportunities. Students who do not learn effectively through best first instruction are provided multiple opportunities to learn, first within their classroom, grade-level team, and/or department, and then beyond the classroom.

Indicator 4.c. Family and Community Partnerships. The school develops and sustains family and community partnerships to share responsibility for student success.

Standard 5: Leadership. School leadership ensures the school functions as a learning organization focused on shared responsibility for student success and a rigorous cycle of teaching and learning.

Indicator 5.a. Expectations for Excellence. School leadership holds and communicates explicit high expectations for the performance of students and adults.

Indicator 5.b. Instructional Leadership. School leadership focuses on improving and supporting effective teaching and learning.

Indicator 5.c. School Efficiency and Effectiveness. School administrators develop and align systems, processes, and resources to establish and sustain an effective teaching and learning environment.

Indicator 5.d. Capacity Building. School leadership continually builds school capacity to impact student and staff success.

Indicator 5.e. Knowledge and Skills. School leadership demonstrates knowledge and skills in the areas of academic performance, learning environment, and organizational effectiveness.

Standard 6: Culture and Climate. The school functions as an effective learning community and supports a climate conducive to performance excellence for students and staff.

Indicator 6.a. Academic Expectations. School leadership and staff demonstrate the belief that all students can learn at high levels.

Indicator 6.b. Inclusive Learning Environment. Support for the physical, cultural, and socio-economic needs of all students reflects a commitment to equity and an appreciation of diversity.

Indicator 6.c. Safe and Orderly Environment. The physical condition of the school and a schoolwide understanding of behavioral expectations ensure students and staff experience a safe, orderly, and supportive environment.

Indicator 6.d. Trust and Respect. The school demonstrates an inclusive culture of mutual trust, respect, and positive attitudes that supports the personal growth of students and adults.

Standard 7: Effective Educator. School leadership actively develops a high quality professional staff through professional learning, supervision, evaluation, and commitment to continuous improvement.

Indicator 7.a. High Quality Staff. The school implements processes that support recruitment and retention of high quality professional staff.

Indicator 7.b. Supervision and Evaluation. The school implements supervision and evaluation processes designed to improve professional practice, instruction, and student success.

Indicator 7.c. Professional Learning. Instructional staff members and school leadership participate in continuous, high-quality, research-informed professional learning.

Indicator 7.d. Impact of Professional Learning. Professional learning is monitored and evaluated to ensure it supports the work of the school and improves teacher effectiveness.

Standard 8: Continuous Improvement. The school implements a mission-driven cycle of continuous improvement that optimizes learning and ensures organizational effectiveness.

Indicator 8.a. School Mission and Goals. The school's vision, mission and goals are meaningful, clearly communicated, and used to provide a sense of purpose, direction, and identity for the school community.

Indicator 8.b. Cycle of Continuous Improvement. The school engages in a sustained cycle of continuous improvement focused on student achievement.

Indicator 8.c. Improvement Planning. School leadership and staff use an inclusive, thoughtful, and thorough process to write, implement, monitor, evaluate, and adjust the school's Unified Improvement Plan (UIP).

Glossary

21st Century Skills	Within the CDE standards document, 21st century skills and readiness competencies include the following: collaboration, critical thinking, invention, information literacy, and self-direction. (See Prepared Graduate Competencies)
Academic Achievement	A single, point in time score on an assessment. Achievement for an individual is expressed as a test score (or scale score), or it may be described using an achievement level. Academic Achievement is one of four performance indicators used to evaluate schools and districts in Colorado. (UIP Handbook, 2011)
Academic Growth	For an individual student, academic growth is the progress shown by the student, in a given subject area, over a given span of time. For a school or district, student growth is summarized using the median of the student growth percentiles for that grouping. Academic growth is one of four statewide performance indicators used to evaluate schools and districts in Colorado. This indicator contains measures of both normative and adequate growth. (UIP Handbook, 2011)
Achievement Gaps	A persistent, pervasive, and significant disparity in educational achievement and attainment among groups of students as determined by a standardized measure. Academic Growth Gaps is a Performance Framework indicator that reflects the academic progress of students in the following disaggregated groups: students eligible for Free/Reduced Lunch, minority students, students with disabilities, English Language Learners, and low-proficiency students. (UIP Handbook, 2011)
Adequate Growth	A growth level (student growth percentile) sufficient for a student to reach an achievement level of proficient or advanced, in a subject area, within one, two, or three years or by 10th grade; whichever comes first. The Performance Framework reports the median adequate growth rate for a school or district (this number is the growth level sufficient for the typical or median student in the district/school). (UIP Handbook, 2011)
Alignment	The degree to which assessments, curriculum, instruction, textbooks and other instructional materials, teacher preparation and professional development, and systems of accountability all reflect and reinforce the educational program's objectives and standards. Alignment can also refer to consistency, organization or linkage of information, plans, actions and decisions between standards and curriculum, instructional materials, instructional methods, skill expectations, assessments and/or data.
Articulation/Articulated Curriculum	The way things are joined or linked, similar to alignment. This most often refers to the identification of what students should know and be able to do within grade levels or content areas (i.e., horizontal articulation) and across grade levels or content areas (i.e., vertical articulation). In Colorado, a well-articulated curriculum is aligned to the state's Academic Standards, and there are no gaps or unnecessary overlaps in the learning targets within or among grade levels or content areas.
Assessment Practices, High Quality	Practices that raise the likelihood that assessments and assessment results will be accurate, reliable, and useful in shaping sound decisions.

Assessment Purposes	Purposes for assessment include: ▪ Formative Assessment (Assessment for Learning). Defined by CDE as a process used by both teachers and students during instruction that provides “in the moment” feedback for adjusting teaching and learning. Formative assessments are used to monitor or adjust instruction in order to improve learning. It reveals points of confusion, misunderstanding or progress toward mastery of an idea. ▪ Diagnostic Assessment. The purpose of diagnostic assessment is to ascertain, prior to instruction, each student’s strengths, weaknesses, knowledge, and skills in order to remediate students and adjust the curriculum to meet each pupil’s unique needs. ▪ Screening Assessment. Screening (including developmental and health screening) includes activities to identify children who may need further evaluation in order to determine the existence of a delay in development or a particular disability. Screening is used to determine the child’s present level of performance and early intervention or educational needs. ▪ Interim Assessments (Benchmark Assessments). Assessments typically administered every few months to fulfill one or more of the following functions: ○ Instructional, e.g., to supply teachers with student diagnostic data, ○ Evaluative, e.g., to appraise ongoing education programs, and ○ Predictive, e.g., to identify student performance on a later high-stakes test. ▪ Summative Assessment (Assessment of Learning). Assessment that provides summary information about what students have mastered in terms of content and skills. Summative assessments are formal, more rigorous and are usually given at the end of a grading period, course, or annually to evaluate what students have learned at the conclusion of that time period or course.
Bell-to-Bell Instruction	Maximizing instructional time during the day. Students are actively engaged in learning from bell to bell. Instructional time is not lost due to transitions or unfocused class time.
Best First Instruction (First, Classroom, Tier I, Core, Universal, or Universal Tier Instruction)	High-quality, effective, and engaging instruction provided in the general education classroom as outlined in a class or course curriculum, designed to meet the needs of all students. It provides students with their first opportunity to learn standards and grade-level expectations.
Big Ideas	Sometimes referred to as “lifelong learnings” or “enduring understandings.” Big ideas go beyond discrete facts to focus on larger concepts, principles, or processes that develop over time and support students in future learning endeavors.
Capacity Building	Any strategy that increases the collective effectiveness of a group to raise the bar and close the gap of student learning through developing individual and collective knowledge and competencies, resources, and motivation.
Change	A shift in external circumstances, situational variables, or the environment. First-order change is doing more, or less, of something that’s already being done. First-order change is reversible. Second-order change is doing something significantly or fundamentally different from what’s been done before, and the process isn’t reversible: once begun, it’s impossible to return to the way you were doing before.

Coaching	Training and guidance provided to enhance knowledge, skill, and performance. Coaching is provided to individuals or teams of educators to provide feedback and facilitate their continued development and effectiveness as professionals. Coaching involves a cooperative relationship between a coach and teacher(s) who are mutually engaged in efforts to provide better services to students. Coaches may assist teachers in deepening cognitive processes through examining the thoughts and decisions a teacher makes within the context of teaching (e.g., using models such as Cognitive Coaching, Costa and Garmston, 2002). Coaches may also engage in collaborative problem solving – a systematic, structured process to address problems in the classroom that may be keeping students from making adequate gains (e.g., classroom observation, demonstrations, and feedback). Coaches also function as teacher/learners, sharing effective, proven strategies with groups of teachers to enhance professional learning.
Cognitive Complexity	The level of understanding that supports viewing an issue or problem from multiple and competing perspectives.
Coherence	All parts are consistent and logically related; integration of diverse elements, relationships, or values.
Colorado Academic Standards (CAS)	Colorado Academic Standards are the expectations of what students need to know and be able to do and are the basis of the annual state assessment. Colorado’s standards were revised in December 2009 and again in December 2010 to align with the Common Core State Standards for mathematics and English/language arts. The content areas include mathematics, science, reading and writing, social studies, music, visual arts, theatre, dance, comprehensive health and physical education, and world languages. The state also has standards for English Language Learners – Colorado English Language Proficiency (ELP) standards.
Colorado Growth Model	The Colorado Growth Model provides a common understanding of how individual students and groups of students progress from year to year toward state standards based on where each individual student begins. The model focuses attention on maximizing student progress over time and reveals where, and among which students, the strongest growth is happening and where it is not.
Common Core State Standards (CCSS)	The Common Core State Standards are national common standards in mathematics and English/language arts, which grew out an initiative by the National Governor’s Association and the Association of Chief School Officers. The CCSS are part of state-led effort to afford all students the skills and knowledge they need to succeed. Colorado adopted the CCSS in August 2010, and fully incorporated the standards into the Colorado Academic Standards in mathematics, reading, writing and communicating.
Communities of Practice	A collection of people who engage on an ongoing basis in some common endeavor or set of practices. In schools, teachers collaborate regularly to “make sense of” the challenges of teaching and learning within their classrooms.
Cooperative Learning	A teaching method in which students of work together to solve problems by using skills and content to complete an assignment. Each student has a specific responsibility within the group and the teacher acts as a facilitator of learning. Students complete assignments together and receive a common grade.

Critical Thinking	Application of thinking skills more complicated than simple recall. Critical thinking involves thinking skillfully about causal explanation, prediction, generalization, reasoning by analogy, conditional reasoning, and the reliability of sources of information and then applying them in evaluative ways.
Curriculum Framework or Guide	An organizational structure that assists in the development of a curriculum or the document itself that guides the delivery of a curriculum. Curriculum documents, guides, or frameworks are often used synonymously. Curriculum guides may provide resources for teachers to deliver the curriculum such as supportive materials, books, and or core programs.
Curriculum Map	Course of study usually linking learning objectives and targets with a designated time period through unit and/or lesson plans. A curriculum map has also been defined as a real-time collection of information about what is actually taught in classes at specific points during the school year.
Curriculum	As defined by CDE, an organized plan or program of instruction or learning that engages students in learning. A curriculum designs and communicates a scope and sequence of concepts and skills students should learn within a course or grade level.
Data Analysis	Data are gathered, disaggregated and analyzed (often collaboratively) and the resulting information is used to make informed decisions.
Data Dialogue	A process or protocol used collaboratively by school staff to make shared meaning of data using data-based facts, examining patterns and trends of performance indicators, generating “root-cause” discussions, and determining action steps to address identified concerns.
Data	Most commonly defined as factual information, often in the form of facts and figures obtained through some type of observation, performance or survey. Data types include: ▪ Student learning data. Results of the educational system in terms of test results, grade point averages, academic growth, reduction of academic growth gaps, etc. ▪ School demographic data. Attributes about students and staff, (e.g., socio-economic status, race/ethnicity, gender, experience, educational level, attendance). ▪ School processes data. Information on what teachers are doing to get the results their work is yielding. These data include information about programs, instructional strategies, and classroom practices. ▪ Perceptions data. Data that help school leaders understand and act on issues such as values and beliefs, organizational culture and climate, or what is important to students based on what students, parents, teachers, and others think about the learning environment.
Depth of Knowledge	A model organized around the assumption that curriculum elements may be categorized based upon the cognitive demands required to produce an acceptable response. The four levels of complexity include recall and reproduction (level 1); skills and concepts (level 2); strategies and thinking (level 3); and extended thinking (level 4).
Descriptive Feedback	Feedback that is specifically and intentionally addresses what is working and points out next steps in learning or performance. Descriptive feedback may provide information about current achievement (“Where am I now?”); with respect to a goal (“Where am I going?”); or identification of appropriate next steps (“How can I close the gap?”).

Direct Instruction	Direct instruction systematically takes learners through the steps of learning, helping them see both the purpose and the result of each step. Direct instruction is especially effective in teaching basic skills (e.g., how to use a microscope) and skills that are fundamental to more complex activities (e.g., basic study skills, the prerequisite skills for long division).
Disaggregated Data	Refers to sorting data (such as assessment scores) by specific subgroups of students, (e.g., English Language Learners, students with disabilities, students needing to catch up) in order to identify trends and patterns that can be used to inform instructional practices.
Disciplinary Concept Maps (DCMs)	Visual representations of unifying themes along with organizing and supporting concepts for each discipline and grade level within the Colorado Academic Standards. DCMs also provide a central purpose for each discipline at each grade level and depict how concepts relate to one another to inform intentional curricular and instructional planning. They provide a framework for working with the standards in a way that emphasizes 21st century learning and interdisciplinary connections.
Distributed Leadership	School leadership involving both administrators and teacher leaders and distributing at least some of the responsibilities for leadership functions and activities within a school.
Diversity	Involves recognizing a variety of student characteristics including those of ethnicity, language, socioeconomic class, disabilities, and gender.
Drop-Out Rate	The drop-out rate reflects the percentage of all students enrolled in grades 7-12 who leave school during a single school year. It is calculated by dividing the number of dropouts by a membership base, which includes all students who were in membership any time during the year.
English Language Learner (ELL)	Students whose first language is a language other than English or is a variety of English that is significantly different from the language of instruction. ELLs may require focused educational supports to assist them in attaining proficiency in English.
Equity	A commitment to a diverse population of students, demonstrated by the creation of an inclusive and positive school and/or classroom culture and strategies that meet the needs of diverse student talents, experiences, and challenges. Equity pedagogy values students' individual background as a resource and utilizes approaches to instruction and behavioral support that build on student strengths.
Evaluation (Data)	The process of making judgments about the levels of students' understanding or skill based on an assessment.
Evaluation (Personnel)	In Colorado, the evaluation of educators is addressed by S.B. 10-191, the purposes of which are to: ▪ Emphasize that a system to evaluate the effectiveness of licensed personnel is crucial to improving the quality of education in Colorado. ▪ Ensure that one of the purposes of evaluation is to provide a basis for making decisions in the areas of hiring, compensation, promotion, assignment, professional development, earning and retaining non-probationary status, and nonrenewal of contract. ▪ Ensure that educators are evaluated in significant part based on the impact they have on the growth of their students.

Evidence Outcomes	Evidence outcomes define mastery expected at a specific grade level. Within each standard area, the concepts and skills students are expected to master are listed with evidence outcomes identified for each area.
Evidence-Based Educational or Instructional Practices	Those educational or instructional practices that have been shown to have a positive effect on student learning. Evidence is established through scientific research or evidence. (See Research-Based)
Exemplar	Example that illustrates the knowledge or performance characteristics of a standard, grade-level expectation, big idea, or unit of study. Exemplars provide a model of an expected level of learning or a performance.
Explicit instruction	Explicit instruction is a systematic instructional approach that includes a set of delivery and design procedures including focusing on big ideas, teaching and modeling effective learning strategies, providing scaffolding, regularly monitoring students' progress over, and drawing on student background knowledge.
Extended Enrichment	Giving students opportunities for accelerated progress and access to new, more challenging concepts or content.
Fidelity of Implementation	The delivery of instruction or assessment in the way in which it was designed to be delivered. Deviations or dilutions of program components may yield unintended consequences and different levels of results than were anticipated.
Flexible Grouping	A strategy that allows students to work in mixed groups depending on the goal of the learning as well as the students' prior knowledge, skills, etc.
Flexible Schedule/Flexible Scheduling	Flexible scheduling allows the school to respond to changes by varying time /or assignments in ways that would better meet changing needs.
Grade-Level Expectations (GLEs)	The articulation (at each grade level) of the concepts and skills that indicate a student is making progress toward being ready for high school, i.e., what students need to know from preschool through eighth grade. In the Colorado Academic Standards, evidence outcomes define mastery of grade-level expectations.
Gradual Release of Responsibility	Entails the scaffolding of student learning through instruction that provides the appropriate amounts of support to students based on their individual needs until they can independently demonstrate the intended learning.
Graduation Rate	Graduation rate is the percentage of students who received a diploma from the base membership, of a given class of students, within a district or a school. (UIP Handbook, 2011)
Growth	For an individual student, growth is the progress shown by the student, in a given subject area, over a given span of time. For a school, district, or other relevant student grouping, student growth is summarized using the median of the student growth percentiles for that group. Academic growth is one of four performance indicators used to evaluate schools and districts in Colorado. (UIP Handbook, 2011)
Guaranteed and Viable Curriculum	A curriculum is guaranteed if it gives clear guidance to teachers regarding the content (knowledge, concepts, and skills) to be addressed in specific courses or at specific grade levels. It assumes that processes and personnel are in place to ensure there is monitoring of the curriculum and delivery, and individual teachers do not have the option to disregard or replace assigned content. A curriculum is viable when there is sufficient time, materials, and instructional tools for teachers to teach the curriculum so students learn and perform at a proficient level.

Information Literacy	The ability to know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand. A set of competencies that an informed citizen of an information society ought to possess to participate intelligently and actively in that society.
Instructional Staff	Staff members of a school who have responsibility for teaching students. This may include teachers, teaching specialists, and instructional paraprofessionals.
Intervention	Systematic and explicit instruction provided in response to learner needs as determined through assessment. The response may involve remediation, reinforcement, enrichment, or support. Interventions are designed to improve performance relative to a specific, measurable goal. Tier II Intervention: Targeted, supplementary instructional interventions provided to students when assessment indicates that either (a) the students are not making adequate gains from Universal Tier instruction alone or (b) students whose advanced learning requires extended opportunities. These are generally smaller group interventions designed to provide targeted instruction for students with similar needs. Tier III Intervention: Intensive interventions that offer a student highly individualized, systematic instruction in one or more areas of assessed needs. Tier III interventions are provided with sufficient time, intensity, and frequency to specifically meet (a) individual remedial needs of students at the highest risk of failure or dropping out of school, or (b) individual advanced learning needs. These interventions may be similar to Tier II interventions but are provided with a longer duration and/or increased intensity in order to accelerate student learning.
Job-Embedded Professional Learning	Learning that occurs as educators engage in their daily work activities. It can be both formal and informal and includes but is not limited to coaching, peer coaching, lesson study, mentoring, and study groups.
Keep-Up Growth	Growth needed for a student scoring at the proficient or advanced levels, in the previous year, to continue scoring at least at the proficient level in the current year and future 3 years or by 10th grade; whichever comes first. (UIP Handbook, 2011)
Key Transition Points	Key curriculum transition points include the transition from pre-school to elementary, elementary to middle, and middle to high school.
Learning Community	A group who uses a systematic, goal-directed learning process in which people work together in grade level, vertical, special topic, or subject matter teams to analyze and impact professional practice in order to improve individual and collective results for students.
Learning Environment	Any condition, setting or location inside or outside the school which contributes to the instruction of students.
Learning Organization	Organization that acquires knowledge and innovates fast enough to survive and thrive in a rapidly changing environment.
Learning Progression	A sequenced set of subskills and bodies of enabling knowledge that, it is believed, students must master en route to mastering a more remote curricular aim.
Learning Target	Identified objective for what students should know, understand, or be able to do at the end of a unit of study, course or grade level. Learning targets may sometimes be called “achievement targets” or “learning objectives.”

Mastery	The application and transfer of skills so that a student has complete expertise of a skill or concept in multiple contexts. This is not an indication that instruction at grade-level expectation begins and only occurs at that grade level. Maintenance of previously mastered concepts and skills and scaffolding future learning are the domain of curriculum and instruction - not standards.
Measure	An instrument or means to assess performance in an area identified by an indicator.
Measurement	Assigning scores to an assessment based on an explicit set of rules. Sometimes used synonymously with assessment.
Median Adequate Growth	The growth (student growth percentile) sufficient for the median student in a district, school, or other group of interest to reach an achievement level of proficient or advanced, in a subject area, within three years or by 10th grade; whichever comes first. (UIP Handbook, 2011)
Median Student Growth Percentile	Summarizes student growth by district, school, grade-level, or other group of interest. (UIP Handbook, 2011)
Mentors	Mentors are highly experienced educators. They are chosen for their special abilities to work collaboratively with others, inspire trust among colleagues, play a variety of roles comfortably, and maintain confidential relationships with coaches and teachers. Mentors are often asked to work with novice educators.
Metacognition/Metacognitive Strategies	Metacognition refers to higher order thinking which involves active control over the cognitive processes engaged in learning. Activities such as planning how to approach a given learning task, monitoring comprehension, and evaluating progress toward the completion of a task are metacognitive in nature.
Metric	A numeric scale typically associated with a measure (assessment) indicating the level of some variable of interest. For example, your credit score is a metric that companies use to decide whether to give you a loan. (UIP Handbook, 2011)
Mission	A statement of purpose to define the goals and direction; a guide for decisions and a set of criteria by which to measure the school's or district's progress toward its defined purposes. It emphasizes the conditions that must be present in organizations in which all children succeed.
Modeling	A teaching strategy in which the teacher demonstrates to student/s how to do a task, with the expectation that the student will copy the model. Modeling often involves talking about how to work through a task or "thinking aloud" and is often included as part of the "I do" - "We do" - "You do" gradual release of responsibility to students.
Move-Up Growth	Growth needed for a student scoring at the proficient level in the previous year to score at the advanced level in the current year or in the next 3 years or by 10th grade, whichever comes first. (UIP Handbook, 2011)
Multi-Tiered System of Support (MTSS)	MTSS leverages the principles of Response to Intervention (RtI) and Positive Behavioral Interventions and Supports (PBIS) to integrate a system-wide continuum of evidence-based resources, strategies, structures, and practices to support an agile response to academic and social-emotional needs.

Organizational Change	When an organization transitions from one state to another, usually one that will result in greater success (e.g., increased student performance within a school). Successful organizational change usually requires strategic planning, clear and ongoing communications, attention to the needs of people in the organization, (re)allocation of resources, modifications to structures, and an understanding of change processes.
Pacing Guides	Guide that identifies periods of time or timelines that evidence outcome concepts and skills should be taught and learned. Often pacing guides are included in curriculum guides or documents. In a standards-based system, pacing guides are continuously adjusted, based on the pace and level of student learning.
Performance Description/Descriptor	Level or description of performance expected of a student within a given period of time such as at the end of a course, unit of study or lesson. A performance description usually describes how well students need to perform in various skills and knowledge to be considered proficient at their grade level.
Performance Indicator	A specific component of school or district quality. Colorado has identified four performance indicators that are used to evaluate all schools and districts in the state: student academic growth, student achievement, growth gaps, and postsecondary/workforce readiness.
Postsecondary and Workforce Readiness	The preparedness, of students, for college or a job after completing high school. This is one of the performance indicators used to evaluate the performance of all schools and districts in the state. This indicator includes graduation rate, dropout rate, and Colorado ACT scores. (UIP Handbook, 2011)
Prepared Graduate Competencies (PGC)	Colorado's goal for public education is to prepare students for postsecondary education and the workforce. Prepared Graduate Competencies (PGCs) are the preschool through 12th grade concepts and skills that all students leaving Colorado's education system must have to ensure success in postsecondary and workforce settings. PGCs highlight what all high school graduates should know and able to do in all content areas. Additionally, 21st century skills are embedded at each grade level in all content areas.
Principles of Change	A systematic, comprehensive framework regarding change that allows leaders to understand what to expect regarding change within an organization, how to manage their own personal change, and how to engage an entire group in the change process.
Problem-Based Learning	A student-centered pedagogy in which students learn about a subject in the context of complex, multifaceted, and realistic problems designed to help students develop flexible knowledge, effective problem solving skills, self-directed learning, effective collaboration skills, and intrinsic motivation.
Professional Learning	A product of both externally-provided and job-embedded activities that increases teachers' knowledge and changes their instructional practice in ways that support student learning. Formal professional development represents a subset of the range of experiences that may result in professional learning. Other opportunities for professional learning — such as common planning time, shared opportunities to examine student work, or tools for self-reflection — may occur outside the bounds of formal professional development events.
Progress Monitoring	Progress monitoring is the ongoing process of collecting and analyzing data to determine student progress toward specific skills or general outcomes. Progress-monitoring data are used to adjust instruction for individual and groups of students. (See also Formative Assessments, Interim Assessments)

Reciprocal Teaching	An instructional activity that takes place in the form of a dialogue between teachers and students regarding segments of text. The dialogue is structured by the use of four strategies: summarizing, question generating, clarifying, and predicting. The teacher and students take turns assuming the role of teacher in leading this dialogue.
Reflection	The active thought process in which educators review past practices to better understand results and to improve future practice. Reflection implies that when current practices are observed and evaluated, effective practices are sustained and less effective practices are improved or modified. Reflection becomes an important part of a continuous improvement cycle in education.
Relevance/Relevant	Relation to the matter at hand; practical applicability; increased likelihood of accomplishing the goal. Relevant curriculum includes examples of how the grade-level expectation could be applied at home, on the job or in a real-world, relevant context.
Reliability/Inter-Rater Reliability check definition	Reproduce-ability of a set of scores under different circumstances, i.e., consistency or stability of a measuring instrument; necessary for, but sufficient for, validity.
Research Based	Educational practices, methodology, strategies, programs, or materials that have been systematically and scientifically studied and shown to have a correlation with, or positive effect on learning and achievement. While educational practices are often identified and promoted in educational literature, such practices are not defined as research based unless they have been shown, through scientific study, to have a positive correlation with, or effect on, student learning and achievement.
Research-Based Instruction (Evidence-Based, Best First Instruction, or Effective Instructional Practices)	A research-based instructional practice or intervention is one found to be reliable, trustworthy, and valid based on evidence to suggest that when the strategy or program is used with a particular group of children, the children can be expected to make adequate gains in achievement. Ongoing documentation and analysis of student outcomes helps to define effective practice. In the absence of scientific evidence, the instruction/intervention is considered "best practice" based on available research and professional literature.
Response To Intervention (Rti)	Colorado has defined Response to Intervention as a framework that promotes a well-integrated system connecting general, compensatory, gifted, and special education in providing high quality, standards-based instruction and intervention that is matched to students' academic, social-emotional, and behavioral needs. A continuum of evidence-based, tiered Instruction and interventions with increasing levels of intensity and duration is central to Rti. Collaborative educational decisions for students are based on data derived from frequent monitoring of student performance and rate of learning. (See Multi-Tiered System of Supports)
Root Cause	The deepest underlying cause(s) of a problem or situation that, if resolved, would result in elimination or substantial reduction, of the symptom. If action is required, the cause should be within one's ability to control, and not a purely external factor such as poverty that is out of one's ability to control.
Rubric	Identified and described criteria for various levels of student work. Rubrics are structured differently to achieve different purposes. They may be general or task-specific; they may yield multiple or single scores; they may be criterion referenced or based on a developmental continuum.

Scaffolding	The provision of sufficient supports (e.g., learning strategies, guidance, resources) to promote learning. The “scaffolds” selected by the teacher are intended to help the student move to higher levels of achievement and transfer the responsibility for learning from the teacher to the student, thereby fostering independence.
School Climate	The sum of the values, cultures, safety practices, and organizational structures within a school that cause it to function and react in particular ways. Some schools create a nurturing environment that recognizes children and treats them as individuals; others may utilize authoritarian structures in which rules are strictly enforced and hierarchical control is strong. Teaching practices, diversity, and the relationships among administrators, teachers, parents, and students contribute to school climate. Although the two terms are somewhat interchangeable, school climate refers mostly to the school's effects on students, whereas school culture refers more to the way teachers and other staff members work together.
School Culture	The set of norms, values and beliefs, rituals and ceremonies, symbols and stories that make up the persona of the school. Teaching practices, diversity, and the relationships among administrators, teachers, parents, and students contribute to the school culture. Generally, school culture may be summarized as “how we do business here.”
School Effectiveness	The performance of a school organization, which can be expressed as the output of the school, which in turn is measured in terms of the achievement and growth of its students.
School Efficiency	The degree to which a school can maximize the access, use, and monitoring of school resources, including time, materials, space, and personnel.
School Leadership	School leadership refers to administrators (e.g., principal, assistant principal, dean), teacher leaders, teacher team leaders (e.g., department chairs, grade-level leaders), coaches, etc.
School Performance Framework (SPF)	The framework used by the state to provide information to stakeholders about each school’s performance based on the four key performance indicators: student academic growth, student achievement, achievement and growth gaps, and postsecondary/workforce readiness. Schools are assigned to a type of improvement plan based on their performance across all of the indicator areas.
School Plan Type	The type of plan to which a school is assigned, by the state, on SPF report. The school plan types are: Performance, Improvement, Priority Improvement and Turnaround.
School-Family Partnership	Collaborative relationships between educators and family members based on mutual respect, trust, equality and shared goals that support and focus on student academic success.
Scoring Guide	A scale that describes levels of knowledge or skill that can be demonstrated in some type of assessment or performance task. Scoring guides or rubrics utilize a clear set of criteria that describe the expected learning and quality needed to achieve a specific level of performance or grade. They describe levels of performance and usually assign some type of descriptor (e.g., no progress—fully accomplished) and/or a numerical rating (e.g., 1 – 5) to that performance.
Self-Efficacy	Beliefs in one’s capabilities to organize and execute the course of action required to produce given attainments.

Self-Efficacy – Students	Learners' beliefs about their capacity of succeeding when learning specific topics or tasks. Efficacious students tend to “own” their own learning, see themselves as participants (not observers) in the class, and believe that adults are there to support their learning.
Self-Efficacy – Teachers	Teacher efficacy measures the extent to which teachers believe their efforts will have a positive effect on student achievement. Researchers have repeatedly related teacher efficacy to a variety of positive teaching behaviors and student outcomes.
Sheltered English Instruction	An instructional approach in which classes are composed entirely of students learning English. Students are taught using methods that make academic instruction in English understandable. In some schools, students may be clustered in a mainstream classroom.
Student-Led Conferences	Conferences that engage students in direct communication with their parents, peers and/or teacher(s) through the use of portfolios illustrating their learning and achievement. Students take the lead in walking their audiences through a selection of accomplishments and demonstrations of their work.
Supervision	Supervision is a formative process that focuses upon professional development and the improvement of instruction. It is characterized by a collegial, helping relationship between administrators and the teachers in a climate of trust and mutual understanding. Supervision encourages professional growth and development of staff and high quality classroom performance that promotes improved student learning. (See Evaluation – Personnel)
Sustainability	The continuation or maintenance of a set of activities and resources intended to achieve the original objectives of a program or initiative.
Systems Thinking	The process of understanding how things influence one another within a whole. A set of habits or practices within a framework that is based on the belief that the component parts of a system can best be understood in the context of relationships with each other and with other systems, rather than in isolation.
Teaching/Learning Cycle, Standards-Based	The interconnected cycle of instructional planning, teaching, learning, assessing, and remediating/accelerating grounded in the Colorado Academic standards and determined, monitored, and adjusted based on continuous review of data/information. The teaching/learning cycle can be thought of as a practical response to four questions: What do students need to know, understand, and be able to do? How do we teach effectively to ensure students are learning? How do we know that students are learning (and how well)? What do we do when students are not learning or are reaching mastery before expectation?
Theory of Action	A set of underlying assumptions about moving an organization from its current state to its desired future.
Unified Improvement Plan (UIP)	The Education Accountability Act of 2009 requires each Colorado district and school to create an annual improvement plan. CDE has developed a unified improvement planning template and processes to support schools and districts in their performance management efforts. The UIP template and planning processes used represent a shift from planning as an “event” to planning as a critical component of “continuous improvement.” The UIP template has been designed to meet both state and federal accountability requirements thus reducing the number of separate plans schools and districts are required to complete.
Universal Tier Instruction	See Best-First Instruction and Research-Based Instruction

Validity	The extent to which an assessment or test does the job desired of it; the evidence may be either empirical or logical. Criterion-related validity is the standard, i.e., based on the content or processes (construction) of other valid measurements or criterion that ensure the assessment measures what it is purported to measure.
Vision	A future-oriented aspiration for student outcomes (achievement levels, graduation rates, post-secondary education and adult success) and the teaching and learning environment of the school.
Walkthrough	An organized observation that requires the principal or supervisor to frequently visit classrooms to look for specific instructional practices.

Systems of Support References

Documents Used in the Development of the 2012 SST Revision

Models from Outside Colorado

Comprehensive Needs Assessment School Rubric, North Carolina Department of Public Instruction (Sept. 2009).

Nevada Comprehensive Curriculum Audit Tool for Schools, Nevada Dept. of Education (July 2010).

New York City School Site Reviews, New York City Department of Education (September 2011).

Support Tools for Professional Learning, Michigan Department of Education (December 2011)

Standards for Quality Schools, AdvancED* (2011).

Colorado Department of Education Related Tools

English Language Learners Walk Through and Program Review Tool, Colorado Dept. of Education

http://www.cde.state.co.us/SecondaryInitiatives/downloads/FINAL_EL%20walkthrough_1.26.11.pdf

RtI Implementation Rubric: School-Level. Colorado Dept. of Education

http://www.cde.state.co.us/RtI/downloads/PDF/Rubrics_School.pdf

Rubric for Evaluating Colorado's Principals and Assistant Principals, Colorado Dept. of Education (draft for review) and *Rubric for Evaluating Colorado's Teachers*, Colorado Dept. of Education (draft for review)

http://www.cde.state.co.us/EducatorEffectiveness/RB-CDEModelEvaluationSystem.asp#Teacher_Evaluation_System

Self-Assessment for a Healthy Human Capital System in Schools and Districts, Colorado Dept. of Education (draft)

<http://www.cde.state.co.us/EducatorEffectiveness/downloads/Healthy%20Human%20Capital%20Self%20Assessment%20School%20and%20District%206.10.11.doc>

The Standards-Based Teaching/Learning Cycle (2nd Edition): A Guide to Standards-Based Practices for Districts and Schools in Colorado, Colorado Dept. of Education (May 2012).

Unified Improvement Planning (UIP) Handbook, Colorado Dept. of Education

<http://www.cde.state.co.us/Accountability/Downloads/UIPHandbook.pdf>

References

- Abbott, Martin, Baker, Duane, and Stroh, Heather. *From Compliance to Commitment: A Report on Effective School Districts in Washington State. Research report #6*. The Washington School Research Center, Seattle Pacific University, 2004. Print.
- Achinstein, Betty "Conflict amid Community: The Micro-Politics of Teacher Collaboration." *Teachers College Record*. 104 (2002): 355-382. Print.
- Adams, Marilyn J. "Alphabetic Anxiety and Explicit Phonics Instruction: A Cognitive Science Perspective." *Handbook of Early Literacy Research*. Ed. Neuman, S. B., and Dickinson, D. Vol 1. N.Y.: Guilford, 2003. Print.
- Ainsworth, Larry B. *Planning for Rigorous Curriculum Design*. Englewood, CO: The Leadership and Learning Center, 2010. Print.
- . *Power Standards: Identifying the Standards That Matter the Most*. Englewood, CO: Advanced Learning, 2003. Print.
- . *Unwrapping the Standards: A Simple Process to Make Standards Manageable*. Englewood, CO: Advanced Learning, 2002. Print.
- , and Christinson, Jan. *Student Generated Rubrics*. Parsippany, NJ: Dale Seymore Publications, 1998. Print.
- , and Viegut, Donald J. *Common Formative Assessments: How to Connect Standards-Based Instruction and Assessment*. Thousand Oaks, CA: Corwin, 2006. Print.
- Allen, JoBeth. *Creating Welcoming Schools: A Practical Guide to Home-School Partnerships with Diverse Families*. New York: Teacher's College, 2007. Print
- Allen, Stephanie. "An Analysis of Linda Lambert's 'Building Leadership Capacity in Schools.'" Yahoo Contributor Network. 2007. Web. 29 June 2012 <<http://voices.yahoo.com/an-analysis-linda-lamberts-building-leadership-198940.html?cat=4>>.
- Allington, Richard L. "What At-Risk Readers Need." *Educational Leadership* (March 2011) : 40-45. Print.
- . *What Really Matters for Struggling Readers: Designing Research-based Programs*. 2nd ed. Boston: Allyn & Bacon, 2006. Print.
- Almeida, Lisa, et. al. *Standards and Assessment: The Core of Quality Instruction*. Englewood, CO: Lead and Learn, 2011. Print.
- Ancess, Jacqueline. "The Reciprocal Influence of Teacher Learning, Teaching Practice, School Restructuring, and Student Learning Outcomes." *Teachers College Record*. 102 (2000) : 590-619. Print.
- Anderson, Stephen E. "The School District Role in Educational Change: A Review of the Literature." *ICEC Working Paper #2*. Ontario: Institute for Students in Education. 2003. Web. 4 June 2012 <https://sdcoe.net/lret2/dsi/pdf/District_Role_Change.pdf>.

- Archer, Jeff. *Synthesis Finds District Leadership-Learning Link; Superintendents' Actions Can Boost Achievement*. Denver, CO: McREL, with support in part by a grant from the Spencer Foundation, 2002. Print.
- Armstrong, Thomas. *The Best Schools*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2006. Print.
- Assessment Training Institute. Web. 16 May 2012 <www.assessmentinst.com>.
- August, Diane, and Shanahan, Timothy. *Developing Literacy in Second-Language Learners: Report of the National Literacy Panel on Language Minority Children and Youth*. Mahwah, New Jersey: Lawrence Erlbaum Associates, 2006. Print.
- Azurin, Regine. "Book Summary: Good to Great." BusinessSummaries.com (2001-2005): n. pag. Web. 19 June 2012. <<http://ezinearticles.com/?Book-Summary:-Good-To-Great&id=22586>>
- Barber, Michael, and Mourshed, Mona. *How the World's Best Performing School Systems come Out on Top*. New York: McKinsey & Company, September 2007. Web. 16 May 2012 <http://mckinseysociety.com/downloads/reports/Education/Worlds_School_Systems_Final.pdf>.
- Barton, Paul E. "Why Does the Gap Persist?" *Educational Leadership*. 62.3. November 2004: 8-13. Web. 16 May 2012 <<http://www.ascd.org/publications/educational-leadership/nov04/vol62/num03/Why-Does-the-Gap-Persist%C2%A2.aspx>>.
- Becker, Bronwyn E., and Luthar, Suniya S. "Social-Emotional Factors Affecting Achievement Outcomes Among Disadvantaged Students: Closing the Achievement Gap." *Educational Psychologist* 37.4 (2002) : 197-214. Print.
- Benson, David. *The Standards-Based Teaching/Learning Cycle: A Guide to Standards-Based Practices for Districts and Schools in Colorado*. Denver, CO: The Colorado Coalition for Standards-Based Education, 2008. Print.
- Berhhardt, Victoria L. *Data Analysis for Comprehensive Schoolwide Improvement*. Larchmont, NY: Eye on Education, 1998. Print.
- . *Using Data to Improve Student Learning in School Districts*. Larchmont, NY: Eye on Education, 2004. Print.
- Beudoin, Marie-Nathalie, and Taylor, Maureen E. *Creating a Positive School Culture: How Principals and Teachers Can Solve Problems Together*. Thousand Oaks, CA: Corwin, 2004. Print.
- Black, Paul, Harrison, Chris, et al. *Assessment for Learning: Putting It into Practice*. Maidenhead, U.K.: Open University, 2003. Print.
- Black, Paul, Harrison, Chris, Lee, Clare, Marshall, Bethan, and William, Dylan. "Working Inside the Black Box: Assessment for Learning in the Classroom." *Phi Delta Kappan*. 86.1 2004: 9-19. Web. 16 May 2012 <<http://www.kappanmagazine.org/content/86/1/8.abstract>>.

- Black, Paul, and Wiliam, Dylan. "Inside the Black Box: Raising Standards Through Classroom Assessment." *Phi Delta Kappan* 80 1998: 139-148. Web. 16 May 2012
<http://blog.discoveryeducation.com/assessment/files/2009/02/blackbox_article.pdf>.
- Blackburn, Barbara R. *Rigor is Not a Four-Letter Word*. Larchmont: NY: Eye on Education, 2008. Print.
- Blank, Rolf K., de las Alas, Nina, and Smith, Carelise. *Analysis of the Quality of Professional Development Programs for Mathematics and Science Teachers*. Washington, DC: Council of Chief State School Officers, 2007. Print.
- Blankstein, Alan. M. *Failure is Not an Option*. Thousand Oaks, CA: Corwin, 2004. Print.
- Blase, Jo R., and Blase, Joseph. *Teachers Bringing Out the Best in Schools: A Guide to Peer Consultation for Administrators and Teachers*. Thousand Oaks, CA: Corwin, 2006. Print.
- Boudett, Kathryn Parker, City, Elizabeth A., and Murnane, Richard J., eds. *Data wise: A Step-By-Step Guide to Using Assessment Results to Improve Teaching and Learning*. Cambridge, MA: Harvard Education, 2005. Print.
- Boykin, A. Wade, and Noguera, Pedro. *Creating the Opportunity to Learn: Moving from Research to Practice to Close the Achievement Gap*. Alexandria, VA: Association for Supervision & Curriculum Development, 2011. Print.
- Bransford, John D., Brown, Ann L., and Cocking, Rodney R. *How People Learn: Brain, Mind, Experience, and School: Expanded Edition*. Washington, DC: National Academy, 2000. Print.
- Bridges, William. *Managing Transitions Making the Most of Change*. 3rd ed. Boston, MA: Da Capo, 2009. Print.
- Brookhart, Susan M. *Assessment and Grading in Classrooms*. Alexandria, VA: Association for Supervision & Curriculum Development, 2007. Print.
- . *Formative Assessment Strategies for Every Classroom*. 2nd ed. Alexandria, VA: Association for Supervision & Curriculum Development, 2010. Print.
- . *How to Assess Higher-Order Thinking Skills in Your Classroom*. Alexandria, VA: Association for Supervision & Curriculum Development. 2010. Print.
- . *How to Give Effective Feedback to Your Students*. Alexandria, VA: Association for Supervision & Curriculum Development, 2008. Print
- Brophy, Jere, and Good, Thomas L. *Looking in Classrooms*. 9th ed. Boston, MA: Allyn and Bacon, 2002. Print.
- Bruce, Linda B. "Student Self-Assessment." *Classroom Leadership*, 5.1 2001: n. pag. Web. 28 June 2012
<http://www.ascd.org/publications/classroom_leadership/sept2001/Student_Self-Assessment.aspx>.
- Bruner, Darlene Y., and Greenlee, Bobbie Jean. "Measures of Work in High and Low Performance Schools." *Research in the Schools* 7.2 (2000) : 71-76. Print.

- Bryk, Anthony S. "Organizing Schools for Improvement." *Phi Delta Kappan* 91.7 (April 2010) : 23-30.
<<http://www.kappanmagazine.org/content/91/7/23.abstract>>.
- Buckingham, Marcus. *The One Thing You Need to Know*. New York: Free Press, 2005. Print.
- Budge, Kathleen, and Parrett, William. "Making Refugee Students Welcome" *Educational Leadership* 66.7 2009: n. pag. Web . 23 May 2012.
<www.ascd.org/publications/educational_leadership/apr09/num07/Making_Refugee_Students_Welcome.aspx>.
- Carr, Judy F., and Harris, Douglas E. *Succeeding with Standards: Linking Curriculum, Assessment and Action Planning*. Alexandria, VA: Association for Supervision & Curriculum Development, 2001. Print.
- Carter, Linda. *Five Big Ideas*. Bloomington, IN: Solution Tree, 2009. Print.
- Carter, Lisa. *Total Instruction Alignment: From Standards to Student Success*. Bloomington, IN: Solution Tree, 2007. Print.
- Cawelti, Gordon, and Protheroe, Nancy. *High Student Achievement: How Six School Districts Changed into High-Performance Systems*. Arlington, VA: Educational Research Service, 2001. Print.
- Center for Performance Assessment. *Performance Assessment Series: Classroom Tips and Tools for Busy Teacher*. Middle school edition. Englewood, CO: Advanced Learning, 2001. Print.
- Chappuis, Jan. "Helping Students Understand Assessment." *Educational Leadership*. 63.3. (2005) : 39-43. Print.
- . *Learning Team Facilitator Handbook*. NY: Pearson, 2007. Print.
- Chavez, Cile, and Fairley, Julie. *Spirit Movers: Attributes for Transforming Leadership*. Garden City, NY: Morgan James Publishing, 2010. Print.
- Cheoweth, Karin. *It's Being Done: Academic Success in Unexpected Schools*. Cambridge, MA: Harvard Educational, 2007. Print.
- Cicchinelli, Lou, Dean, Ceri, et.al. *Success in Sight: A Comprehensive Approach to School Improvement*. Denver, CO: McREL, 2006. Print.
- Cicchinelli, Louis F., and Barley, Zoe. *Evaluating for Success*. Aurora, CO: McREL, 1999. Print.
- City, Elizabeth A., Elmore, Richard F., Fiarman Sarah E., and Teitel, Lee. *Instructional Rounds in Education*, Cambridge, MA: Harvard Education, 2009. Print.
- Cole, Robert W. *Educating Everybody's Children-Diverse Teaching Strategies for Diverse Learners*. 2nd ed. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2008. Print.
- Collier, Virginia P., and Thomas, Wayne P. "The Astounding Effectiveness of Dual Language Education for All." *NABE Journal of Research and Practice*, Winter, 2.1 2004: 1-20. Web. 28 June 2012 <<http://njrp.tamu.edu/2004/PDFs/Collier.pdf>>.

- Collins, Jim. *From Good to Great*. New York: HarperCollins, 2001. Print.
- Colorado Department of Education. "Strengthening Parent Involvement: A Toolkit." Web. 12 June 2012
<http://www.cde.state.co.us/FedPrograms/dl/ti_parents_pitoolkit.pdf>
- "Colorado Growth Model." DVD. Denver, CO: Colorado Department of Education, 2009.
- Commings, Nancy L., and Miramontes, Ofelia B. *Linguistic Diversity and Teaching*. Mahwah, NJ: Lawrence Erlbaum Associates, 2005. Print.
- Commission on Secondary and Middle Schools. *SACS School improvement handbook*. 2nd ed. Decatur, GA: Southern Association of Colleges and Schools, 1999. Print.
- Committee on Scientific Principles for Educational Research. *Scientific Inquiry in Education*. Washington, DC: National Academies, 2002. Print.
- Conley, David T. "Building on the Common Core." *Educational Leadership* 68 (2011) : 17-20. Print.
- Connors, Roger, and Smith, Tom. *Journey to Emerald City: Achieving a Competitive Edge by Creating a Culture of Accountability*. Upper Saddle River, NJ: Prentice Hall, 1999. Print.
- Conzemius, Anne, and O'Neill, Jan. *The Handbook for SMART School Teams*. Bloomington, IN: Solution Tree, 2002. Print.
- Costa, Arthur L., and Kallick, Bena. *Assessment in the Learning Organization*. Alexandria, VA: Association for Supervision & Curriculum Development, 1995. Print.
- Cotton, Kathline. *Research You Can Use to Improve Results*. Alexandria, VA: Association for Supervision & Curriculum Development, 1995. Print.
- . *The Schooling Practices That Matter Most*. Alexandria, VA: Association for Supervision & Curriculum Development, 2000. Print.
- Cross, Richard W., Rebarber, Theodore, and Torres, Justin, eds. *Grading the Systems: The Guide to State Standards Tests, and Accountability Policies*. Washington, DC: Thomas B. Fordham Foundation, 2004. Print.
- Cuban, Larry. "Why Is It So Hard to Get 'Good' Schools?" *Reconstructing the Common Good in Education*. Eds. L. Cuban, and D. Shpps. Stanford, CA: Stanford University, 2000. 148-170. Print.
- Cummins, Jim. *Negotiating Identities: Education for Empowerment in a Diverse Society*. Ontario, CA: California Association for Bilingual Education, 1996. Print.
- Dailey, Don, Fleshman, Steve, Gil, Libi, Hotzman, Deb, O'Day, Jennifer, and Vosman, Cory. *Toward More Effective School Districts: A Review of the Knowledge Base*. Washington, D.C.: American Research Institute, 2005. Print.
- Danielson, Charlotte. *Enhancing Professional Practice: A Framework for Teaching*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2007. Print.

- . *Teacher Leadership*. Alexandria, VA: Association for Supervision & Curriculum Development, 2006. Print.
- Darling-Hammond, Linda. *The Right to Learn*. San Francisco, CA: Jossey-Bass, 1997. Print.
- , and Richardson, Nikole. "Teacher Learning: What matters?" *Educational Leadership* (February 2009) : 46-53. Print.
- , and Sykes, Gary. eds. *Teaching as the Learning Profession: Handbook of Policy and Practice*. San Francisco, CA: Jossey-Bass, 1999. Print.
- Davenport, Patricia, and Anderson, Gerald. *Closing the Achievement Gap: No Excuses*. Houston, TX: American Productivity & Quality Center, 2002. Print.
- Deal, Terrence E., and Peterson, Kent D. *Shaping School Culture: Pitfalls, Paradoxes, & Promises*. San Francisco, CA: Jossey-Bass, 2009. Print.
- Dean, Ceri B., and Bailey, James A. *A Report Documenting the Process for Developing an Integrated Standards-Based Instructional Unit*. Aurora, CO: McREL, 2003. Print.
- DeCapua, Andrea, Smathers, Will, and Rang, Lixing Frank. "Schooling Interrupted." *Educational Leadership* (March 2007) : 40-46. Print.
- Deming, W. Edwards. *Out of the Crisis*. Cambridge, Ohio: Massachusetts Institute of Technology, 1982. Print.
- Desimone, Laura M. "A Primer on Effective Professional Development." *Phi Delta Kappan* 92. 6 March 2011: 68-71. Print.
- Downey, Carolyn, et.al. *The Three Minute Classroom Walkthrough*. Alexandria, VA: Corwin, 2004. Print.
- Drucker, Peter F. *Managing for the Future*. Oxford, UK: Butterworth-Heinemann, 1992. Print.
- DuFour, Richard. "Building a Professional Learning Community." *The School Administrator*. 60.5. (2003): 15-16. Print.
- . "Work Together but Only If You Want To." *Phi Delta Kappan*, 92.5 2011: 57-61. Web. 28 June 2012 <<http://intl.kappanmagazine.org/content/92/5/57.abstract>>.
- , DuFour, Rebecca, Eaker, Robert, and Many, Thomas. *Learning by Doing: A Handbook for Professional Learning Communities at Work™*. Bloomington, IN: Solution Tree, 2006. Print.
- , and Eaker, Robert. *Professional Learning Communities at Work*. Bloomington, IN: National Education Services, 1998. Print.
- , and Eaker, Robert. *Revisiting Professional Learning Communities at Work: New Insights for Improving Schools*. Bloomington, IN: Solution Tree, 2008. Print.

- , Eaker, Robert, and Karhanek, Gayle. *Whatever It Takes: How Professional Learning Communities Respond When Kids Don't Learn*. Bloomington, IN: National Education Service, 2004. Print.
- , and Marzano, Robert J. *Leaders of Learning: How District, School and classroom Leaders Improve Student Achievement*. Bloomington, IN: Solution Tree, 2011. Print.
- Duncan, Greg J., and Murnane, Richard. *Wither Opportunity?* New York: Spencer Foundation co-published by the Russell Sage Foundation, 2011. Print.
- Dunsworth, Mardale, and Billings, Dawn. *The High Performing School: Benchmarking the 10 Indicators of Effectiveness*. Bloomington, IN: Solution Tree, 2009. Print.
- Eaker, Robert, DuFour, Richard, and DuFour, Rebecca. *Getting Started: Re-Culturing Schools to Become Professional Learning Communities*. Bloomington, IN: Solution Tree, 2002. Print.
- Echevarria, Jana J., Vogt, MaryEllen ., and Short, Deborah J. *Making Content Comprehensible for English Learners: The SIOP Model*. Boston, MA: Allyn & Bacon, 2007. Print.
- Ellis, Arthur K. *Exemplars of Curriculum Theory*. Larchmont, NY: Eye on Education, 2004. Print.
- Elmore, Richard F. *Knowing the Right Thing to Do: School Improvement and Performance-Based Accountability*. Washington, DC: NGA Center for Best Practices, 2003. Print.
- . "The Role of Local School Districts in Instructional Improvement." *Designing Coherent Education Policy: Improving the System*. Ed. Fuhrman, Susan. San Francisco, CA: Jossey-Bass, 1993. 96-124. Print.
- , and Burney, Deanna. "Investing in Teacher Learning: Staff Development and Instructional Improvement." *Teaching as the Learning Profession: Handbook of Policy and Practice*. Eds. L. Darling-Hammond, and G. Sykes. San Francisco, CA: Jossey-Bass, 1999. 263-291. Print.
- English, Fenwick, and Steffy, Betty. *Deep Curriculum Alignment*. Lanham, MD: Scarecrow, 2001. Print.
- Epstein, Joyce L. "Parent Involvement: State Education Agencies Should Lead the Way." *Community Education Journal* 14.4 (1987) :, 4-10 Print.
- Erlauer, Laura. *The Brain-Compatible Classroom-Using What We Know About Learning to Improve Teaching*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2003. Print.
- "Expecting Excellence." *Educational Leadership* 66.2. October 2008: n. pag. Alexandria, Virginia: Association for Supervision & Curriculum Development. Web. 28 June 2012
<<http://www.ascd.org/publications/educational-leadership/oct08/vol66/num02/toc.aspx>>.
- Facilitation and Evaluation of Teacher Performance in a Standards-Driven School*. Longmont, CO: Centennial BOCES, 1997. Print.

- Farley, Elizabeth, and MacIver, Martha Abele. "Bringing the District Back In: The Role of the Central Office in Improving Instruction and Student Achievement." *CRESPAR* 65. 2003: n. pag. Baltimore, MD: The Johns Hopkins University. Web. 29 June 2012
<<http://www.csos.jhu.edu/crespar/techReports/Report65.pdf>>.
- Farr, Steven. *Teaching as Leadership: The Highly Effective Teacher's Guide to Closing the Achievement Gap*. San Francisco, CA: Jossey-Bass, 2010. Print.
- Ferlazzo, Larry. "Involvement or Engagement?" *Educational Leadership* 68.8. May 2011: 10-14.. Alexandria, Virginia: Association for Supervision & Curriculum Development. Web. 28 June 2012
<<http://www.ascd.org/publications/educational-leadership/may11/vol68/num08/Involvement-or-Engagement%C2%A2.aspx>>.
- Fielding, Lynn, Kerr, Nancy, and Rosier, Paul. *Annual Growth for All Students, Catch-Up Growth for Those Who Are Behind*. Kennewick, WA: New Foundation, 2007. Print.
- Finley, Jim, Schneider, Lonnie, et al. "Climate, Culture, and Organizational Efficacy." *Missouri Public Education Vision Project*. 2010. Web. 27 June 2012
<http://www.visionformopublicschools.org/index.php?option=com_content&view=article&id=84&Itemid=220> 2010>.
- Fisher, D., and Frey, N. *Better Learning through Structured Teaching: A Framework for the Gradual Release of Responsibility*. Alexandria, VA: Association for Supervision & Curriculum Development, 2008. Print.
- , and ---. *Checking for Understanding: Formative Assessment Techniques for Your Classroom*. Alexandria, VA: Association for Supervision & Curriculum Development, 2007. Print.
- , and ---. *The Purposeful Classroom: How to Structure Lessons with Learning Goals in Mind*. Alexandria, VA: Association for Supervision & Curriculum Development, 2011. Print.
- Fitzpatrick, K.C. *National Study of School Evaluation. School improvement: Focusing on Student Performance*. Schaumburg, IL: NSSE, 1997. Print.
- Frey, Nancy, and Fisher, Douglas. *The Formative Assessment Action Plan: Practical Steps to More Successful Teaching and Learning*. Alexandria, VA: Association for Supervision & Curriculum Development, 2011. Print.
- Fullan, Michael. *All Systems Go: The Change Imperative for Whole System Reform*. Thousand Oaks, CA. Corwin, 2011. Print.
- . *Change forces: The Sequel*. Abington, UK: Routledge, 1999. Print.
- . "Leadership Development: The Larger Context." *Educational Leadership*. 67.2 October, 2009: 45-49. Alexandria, VA: Association for Supervision & Curriculum Development. Web. 27 June 2012
<<http://www.ascd.org/publications/educational-leadership/oct09/vol67/num02/Leadership-Development@-The-Larger-Context.aspx>>.
- . *Leadership in a Culture of Change*. San Francisco, CA: Jossey-Bass, 2001. Print.

- . *The Moral Imperative of School Leadership*. Thousand Oaks, CA: Corwin, 2003. Print.
- . *The Six Secrets of Change: What the Best Leaders Do to Help Their Organizations Survive and Thrive*. Jossey-Bass: San Francisco, CA, 2001. Print.
- , and Andy Hargreaves. *What's Worth Fighting for in Our Schools?* Columbia, SC: Columbia University, 1996. Print.
- Murphy, Joseph, Mesa, Richard P. and, Hallinger, Phillip. "Creating Effective School Districts: Lessons from Practice, Research, and National Reports." *InteractiveBusiness Network Resource Library*. 1984: n. pag. Web. 27 June 2012 <http://findarticles.com/p/articles/mi_m1011/is_v20/ai_3328287/>.
- Gandara, Patricia. "The Latino Education Crisis." *Educational Leadership* (February, 2010) : 24-30. Print.
- , et al. "English Learners in California schools: Unequal Resources, Unequal Outcomes." *Educational Policy Analysis Archives*. 11 2003: n. pag. Web. 27 June 2012 <<http://epaa.asu.edu/epaa/v11n36>>.
- Garet, Michael, Porter, Andrew, Desimone, Laura, Birman, Beatrice and, Yoon, Kwang. (2001). "What Makes Professional Development Effective? Results from a National Sample of Teachers." *American Educational Research Journal*. 38.4. (2001) : 915-945. Print.
- Garmston, Robert J. *The Adaptive School: A Sourcebook for Developing Collaborative Groups*. Norwood, MA: Christopher-Gordon, 1999. Print.
- Garnaut, John. "Best Teachers Get Top Marks from Study." *Sydney Morning Herald*. (May 21, 2007) : n. pag. <<http://www.smh.com.au/news/national/best-teachers-get-top-marks-from-study/2007/05/20/1179601244341.html>>.
- Garner, Betty K. *Getting to Got it!* Alexandria, Virginia: Association for Supervision & Curriculum Development, 2007. Print.
- Gay, Geneva. *Culturally Responsive Teaching: Theory, Research, & Practice*. New York: Teachers College, 2000. Print.
- George, Bill. *True North*. San Francisco, CA: Jossey-Bass, 2007. Print.
- Gersten, Russell, Compton, Donald, Connor, Carol M., Dimino, Joseph, Santoro, Lana, Linan-Thompson, Sylvia, and Tilly, W. David. *Assisting Students Struggling with Reading: Response to Intervention and Multi-Tier Intervention in the Primary Grades*. Institute for Education Science: US Dept. of Education, 2009. Print.
- "Giving Students Ownership of Learning." *Educational Leadership* 66.3 November 2008: n. pag. Alexandria, VA: Association for Supervision & Curriculum Development. Web. 30 May 2012. <<http://www.ascd.org/publications/educational-leadership/nov08/vol66/num03/The-Architecture-of-Ownership.aspx>>
- Glickman, Carl. *Rethinking Leadership: A Collection of Articles*. 2nd ed. T. J. Sergiovanni, ed. Thousand Oaks, CA: Corwin, 2007. Print.

- . *Leadership for Learning: How to Help Teachers Succeed*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2002. Print.
- , Gordon, Stephen, and Ross-Gordon, Jovita. *The Basic Guide to Supervision and Instructional Leadership*. Boston: Pearson, 2005. Print.
- Gorski, Paul. "The Myth of the Culture of Poverty." *Educational Leadership* 65.7. (2008) : 32–36. Print.
- Grayson, C. Jackson, Jr. "Why This Could Be the Best of Times for Education: And Four Ways to Make It So." *Education Week*. (September 22, 2010) : 23, 25. Print
- Greenstein, Laura. *What Teachers Really Need to Know About Formative Assessment*. Alexandria, VA: Association for Supervision & Curriculum Development, 2010. Print.
- Guerra, Patrocoa L., and Nelson, Sarah W. "Changing Professional Practice Requires Changing Beliefs." *Phi Delta Kappan* January, 2009: 354-359. Web. 28 June 2012.
<<http://www.kappanmagazine.org/content/90/5/354.abstract>>.
- Gusky, Thomas R. "Does It Make a Difference? Evaluating Professional Development." *Educational Leadership* 59.6 2002: 45-51. Web. 28 June 2012. <<http://www.ascd.org/publications/educational-leadership/mar02/vol59/num06/Does-It-Make-a-Difference%C2%A2-Evaluating-Professional-Development.aspx>>
- Guskey, Thomas R. *Evaluating Professional Development*. Thousand Oaks, CA, Corwin, 2000. Print.
- Hakuta, Kenji. 2002. "English Language Learner Access to Basic Educational necessities in California? An analysis of inequities." *Decent Schools for California*. Web. 28 June 2012
<http://www.decentschools.org/expert_reports/hakuta_report.pdf>.
- Hardcastle, Beth, and Justice, Kelly. *RTI and the Classroom Teacher*. Horsham, Pennsylvania. LPR Publications, 2006. Print.
- Hargreaves, Andy, Earl, Lorna, Moore, Shawn, and Manning, Susan. *Learning to Change: Teaching Beyond Subjects and Standards*. San Francisco, CA: Jossey-Bass, 2001. Print.
- Harkavy, Daniel. *Becoming the Coaching Leader*. Nashville, TN. Thomas Nelson, 2007. Print.
- Harris, Douglas E., and Carr, Judy. *How to Use Standards in the Classroom*. Alexandria, VA: Association for Supervision & Curriculum Development, 1996. Print.
- Hassel, Emily. *Professional Development: Learning from the Best*. Oakbrook, IL: McREL, 1999. Print.
- Hattie, John. *Visible learning: A Synthesis of Over 800 Meta-analyses Related to Achievement*. New York: Routledge, 2009. Print.
- . *Visible Learning for Teachers: Maximizing Impact on Learning*. New York: Routledge, 2012. Print.
- Haycock, Kati. "Closing the Achievement Gap." *Educational Leadership*. 58.6 2001: 6-11. Web. 28 June 2012
<<http://edweb.fdu.edu/anyfile/EpsteinJ/ClosingtheAchievementGap.pdf>>.

- . "Good Teaching Matters...A LOT." *The Education Trust* 3.2 Summer 1998: 3-14. Web. 28 June 2012
<<http://www.cftl.org/documents/K16.pdf>>.
- . (2007). "Raising Achievement and Closing Gaps: Lessons from Schools and Districts on the Performance Frontier." PowerPoint presentation presented at the meeting of The Education Trust, Washington, DC. Web. 26 September 2007
<<http://www2.edtrust.org/EdTrust/Product+Catalog/recent+presentations.htm>>.
- Heacox, Diane. *Making Differentiation a Habit*. Minneapolis, MN: Free Spirit Publishing, 2009. Print.
- Henderson, Anne T., and Mapp, Karen L. *A New Wave of Evidence: The Impact of School, Family, and Community on Student Achievement*. Austin TX: Southwest Educational Development Laboratory, 2002. Print.
- Herrera, Socorro G., Perez, Della R. Perez, and Escamilla, Kathy. *Teaching Reading to English Language Learners: Differentiated Literacies*. Boston: Ally and Bacon, 2010. Print
- Hersch, Richard. "Foundations for Change." *Education Week*, (February 9, 2000) : n. pag. Print.
- Hill, Jane D., and Flynn, Kathleen M. *Classroom Instruction that Works with English Language Learners*. Alexandria, VA: Association for Supervision & Curriculum Development, 2006. Print.
- Himmele, Persida, and Himmele, William. *Total Participation Techniques: Making Every Student an Active Learner*. Alexandria, VA: Association for Supervision & Curriculum Development, 2011. Print.
- Hirsch, E.D., Jr. *The Schools We Need and Why We Don't Have Them*. New York: Doubleday, 1996. Print.
- Hobby, Russell. *A Culture for Learning: An Investigation into the Values and Beliefs Associated with Effective Schools*. London: Hay Group Management, March 2004. Print.
- Honig, Meredith, et al. *Central Office Transformation for District-wide Teaching and Learning Improvement*. Seattle, WA: Center for the Study of Teaching and Policy, University of Washington, April 2010. Print.
- Howard, Elizabeth, Sugarman, Julie, Christian Donna, Lindholm-Leary, Kathryn J., and Rogers David. *Guiding Principles for Dual Language Programs*. 2nd ed. Washington, DC: The Center for Applied Linguistics, National Clearinghouse for English Language Acquisition at The George Washington University, Washington, DC, 2007. Print.
- Hulley, Wayne, and Linda Dier. *Getting By or Getting Better: Applying Effective Schools Research to Today's Issues*. Bloomington, IN: Solution Tree, 2009. Print.
- Hunter, Madeline. *Mastery teaching: Increasing Instructional Effectiveness in Elementary and Secondary Schools*. Ed. Hunter, R. Thousand Oaks, CA: Corwin, 2004. Print.
- Jackson, Robyn R. *How to Plan Rigorous Instruction*. Alexandria, VA: Association for Supervision & Curriculum Development, 2011. Print.

- . *Never Work Harder Than Your Students and Other Principles of Great Teaching*. Alexandria, VA: Association for Supervision & Curriculum Development, 2009. Print.
- Jacobs, Heidi Hayes. *Mapping the Big Picture: Integrating Curriculum and Assessment K-12*. Alexandria, VA: Association for Supervision & Curriculum Development, 1997. Print.
- . *Getting Results with Curriculum Mapping*. Alexandria, VA: Association for Supervision & Curriculum Development, 2004. Print.
- Janesick, Valerie J. "Curriculum Trends: A Reference Handbook." Contemporary Education Issues. ERIC #: ED481975. 2003. Web. 26 May 2012
<http://www.eric.ed.gov/ERICWebPortal/search/detailmini.jsp?_nfpb=true&_ERICExtSearch_SearchValue_0=ED481975&ERICExtSearch_SearchType_0=no&accno=ED481975>
- Jensen, Eric. *Teaching with Poverty in Mind*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2009. Print.
- Johnson, Ruth S. *Using Data to Close the Achievement Gap: How to Measure Equity in Our Schools*. Thousand Oaks, CA: Corwin, 2002. Print.
- Joyce, Beuce R., and Showers, Beverly. *Student Achievement through Staff Development: Fundamentals of School Renewal*, 2nd ed. New York: Longman, 1995. Print.
- Kanold, Timothy D. "The Continuous Improvement Wheel of a Professional Learning Community." Journal of Staff Development. 27.2. (2006) : 16-21. Print.
- Kendall, John S., DeFrees, Keri L., Pierce, Jason., Richardson, Amy, and Williams, Jill. *Connecting Ideas: A Strategy for Extending the Curriculum*. Aurora, CO: McREL, 2003. Print.
- ., and Marzano, Robert J. *Content knowledge: A Compendium of Standards and Benchmarks for K-12 Education*. 3rd ed. Alexandria, VA: Association for Supervision & Curriculum Development, 2000. Print.
- Kirtman, Lisa. "Policy and Practice: Restructuring Teachers' Work." *Education Policy Analysis Archives*. 10.2. 2002. Web. 5 June 2012 <<http://epaa.asu.edu/ojs/article/view/304>>.
- Kohm, Barbara, and Nance, Beverly. *Principals Who Learn: Asking the Right Questions, Seeking the Best Solutions*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2007. Print.
- Krashen, Stephen D. *Under attack: The Case Against Bilingual Education*. Culver City, CA: Language Education Associates, 1996. Print.

- Kugler, Eileen Gale. "Is Anyone Listening to Families' Dreams?" *Educational Leadership*. 68.8 May 2011: 3236. Alexandria, Virginia: Association for Supervision & Curriculum Development. Web. 30 May 2012. <<http://www.ascd.org/publications/educational-leadership/may11/vol68/num08/Is-Anyone-Listening-to-Families'-Dreams%C2%A2.aspx>>
- Lambert, Linda. *Building Leadership Capacity in Schools*. Alexandria, VA: Association for Supervision & Curriculum Development, 1998. Print.
- . *Leadership Capacity for Lasting School Improvement*. Alexandria, VA: Association for Supervision & Curriculum Development, 2003. Print.
- Lasley, Thomas J., and Matczynski, Thomas. *Strategies for Teaching in a Diverse Society: Instructional Models*. Belmont, CA: Wadsworth Publishing Company, 1997 Print.
- Lefkowitz, Laura, and Woempner, Carolyn. *Noteworthy Perspectives: School Improvement. Focusing on the Basics in Beat-the-Odds Schools*. Denver, CO: McREL, 2008. Web. 1 June 2012 <http://www.mcrel.org/pdf/SchoolImprovementReform/0125IR_Noteworthy_School_Improvement.pdf>.
- Lemov, Doug. *Teach Like a Champion: 49 Techniques That Put Students on the Path to College*. San Francisco, CA: Jossey-Bass, 2010. Print.
- Lencioni, Patrick. *Overcoming the Five Dysfunctions of a Team: A Field Guide for Leaders, Managers, and Facilitators*. San Francisco, CA: Jossey-Bass, 2005. Print.
- Leyba, Charles F., Ed. *Schooling and Language Minority Students: A Theoretical Framework*. 2nd ed. Los Angeles, CA: Evaluation, Dissemination and Assessment Center, 1994. Print.
- Lezzote, Lawrence.W. *Correlates of Effective Schools: The First and Second Generation*. Okemos, MI: Effective Schools Products, Ltd., 2007. Print.
- . *The Effective Schools Process: A Proven Path to Learning for All*. Okemos, MI: Effective Schools Products, 1999. Print.
- . *Learning for All: What will it Take?* Okemos, MI: Effective Schools Products, LTD, 1997. Print.
- ., and Snyder, Kathleen McKee. *Assembly Required*. Okemos, MI: Effective Schools Products, Ltd., 2002. Print.
- ., and ---. *What Effective Schools Do: Re-Envisioning the Correlates*. Bloomington, IN: Solution Tree, 2011. Print.
- Little, Judith Warren. "Organizing Schools for Teacher Learning." *Teaching as the Learning Profession: Handbook of Policy and Practice*. Eds. L. Darling-Hammond, and G. Sykes. San Francisco, CA: Jossey-Bass. 1999. 233-262. Print.
- Louis, Karen Seashore. "The Role of the School District in School Improvement." *Educational Policy for Effective Schools*. Eds. Mark Holmes, Kenneth Leithwood, and Don Musella. Toronto, ON: OISE. 1989. 145-167. Print.

- MacIver, Martha Abele., and Farley, Elizabeth. *Bringing the District Back In: The Role of the Central Office in Improving Instruction and Student Achievement*. Baltimore, MD: Johns Hopkins University, 2003. Print.
- , and Farley-Ripple, Elizabeth. *Bringing the District Back In: The Role of the Central Office in Instruction and Achievement*. Alexandria, VA: Educational Research Service, 2008. Print.
- Marsh, Julia A., et.al. *Fostering Instructional Improvement: Lessons from Three Urban Districts Partnered with the Institute for Learning*. Santa Monica, CA: Rand Corporation, 2005. Print.
- Martin-Kniep, Giselle, and Picone-Zocchia, Joanne. *Changing the Way You Teach: Improving the Way Students Learn*. Alexandria, VA: Association for Supervision & Curriculum Development, 2007.
- Marzano, Robert J. *The Art and Science of Teaching: A Comprehensive Framework for Effective Instruction*. Alexandria, VA.: Association for Supervision & Curriculum Development, 2007. Print.
- . *Building Background Knowledge for Academic Achievement*. Alexandria, VA: Association for Supervision & Curriculum Development, 2004. Print.
- . *Classroom Assessment and Grading that Work*. Alexandria, VA: Association for Supervision & Curriculum Development, 2006. Print.
- . *Classroom Management that Works: Research-based Strategies for Every Teacher*. Alexandria, VA: Association for Supervision & Curriculum Development, 2003. Print.
- . *Formative Assessment & Standards-based Grading*. Bloomington, IN: Marzano Research Laboratory, 2010. Print.
- . "Making the Most of Instructional Rounds." *Educational Leadership* (February 2011) : 80-81. Print.
- . "Setting the Record Straight on 'High-Yield' Strategies." *Phi Delta Kappan* 91.1 (September 2009). 30-37. Print.
- . *Transforming Classroom Grading*. Alexandria, VA: Association for Supervision & Curriculum Development, 2000. Print.
- . *What Works in Schools: Translating Research into Action*. Alexandria, VA: Association for Supervision & Curriculum Development, 2003. Print.
- Marzano, Robert J., and Haystead, Mark W. *Making Standards Useful to Classroom Teachers*. Alexandria, VA: Association for Supervision & Curriculum Development, 2008. Print.
- ., and Kendall, John S. *A Comprehensive Guide to Designing Standards-based Districts, Schools and Classrooms*. Aurora, CO: McREL, 1996. Print.
- ., and Pickering, Debra J. *Building Academic Vocabulary*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2005. Print.

- ., and Pickering, Debra. *The Highly Engaged Classroom*. Bloomington, IN: Marzano Research Laboratory, 2011. Print.
- Marzano, Robert J., Pickering, Debra J., and Pollock, Jane E. *Classroom Instruction that Works: Research-based Strategies for Increasing Student Achievement*. Alexandria, VA: Association for Supervision & Curriculum Development, 2001. Print.
- ., and Waters, Timothy. *District Leadership that Works*. Bloomington, IN: Solution Tree, 2009. Print.
- ., Waters, Timothy, and McNulty, Brian A. *School Leadership that Works: From Research to Results*. Alexandria, VA: Association for Supervision & Curriculum Development, 2005. Print.
- Mastropieri, Margo A., and Scruggs, Thomas E. (2010.) "Current Practices Alerts." *Division of Learning Disabilities* (Summer/Fall 2010) : n. pag. Print.
- McCollister, Karen, and Michael Saylor. "Lift the Ceiling: Increase Rigor with Critical Thinking Skills" *Gifted Child Today* 33.1 (Winter 2010) : 41-47. Print.
- McEwan, Elaine K. *How to Deal with Teachers Who are Angry, Troubled, Exhausted, or Just Plain Confused*. Thousand Oaks, CA: Corwin, 2005. Print.
- McKeever, Bill. *Nine Lessons of Successful School Leadership Teams: Distilling a Decade of Innovation*. California School Leadership Academy, WestED, 2003. Print.
- McREL. "Asking the Right Questions: A Leader's Guide to Systems Thinking about School Improvement." Aurora, CO.: McREL, 2000. Web. 7 June 2012
<http://www.mcrel.org/PDF/SchoolImprovementReform/5982TG_AskingRightQuestions.pdf>.
- . "Schools that 'Beat the Odds.'" *McRel Insights*. Denver, CO: McREL, 2005. Web. 7 June 2012
<<http://www.mcrel.org/product/231/>>
- "Success in sight: School improvement from the Inside Out." 2000. Web. 5 June 2012
<<http://www.mcrel.org/success-in-sight/>>.
- McTighe, Jay, and Wiggins, Grant. *Understanding by Design: Professional Development Workbook*. Alexandria, VA: Association of Supervision and Curriculum Development, 2004. Print.
- Menken, Kate. "What are the Critical Issues in Wide-scale Assessment of English Language Learners?" *Issue Brief* 6 2000: n. pag. Web 7 June 2012
<http://www.eric.ed.gov/ERICWebPortal/search/detailmini.jsp?_nfpb=true&_ERICExtSearch_SearchValue_0=ED450595&ERICExtSearch_SearchType_0=no&accno=ED450595>.
- Miller, D. *Teaching with Intention: Defining Beliefs, Aligning Practice, Taking Action*. Stenhouse, 2008. Print.
- Monroe, Lorraine. *Nothing's Impossible: Leadership Lessons from Inside and Outside the Classroom*. New York: Public Affairs, 1997. Print.
- Moss, Connie M., and Brookhart, Susan M. *Advancing Formative Assessment in Every Classroom*. Alexandria, VA: Association for Supervision & Curriculum Development, 2009. Print.

- Muhammad, Anthony. *Transforming School Culture: How to Overcome Staff Division*. Bloomington, IN: Solution Tree, 2009. Print.
- National Coalition for Parent Involvement in Education. Home page. Web. 28 June 2012. <www.ncpie.org/>.
- National Center for Research on Evaluation, Standards and Student Testing (CRESST). Home page. Web. 28 June 2012. <www.cse.ucla.edu>.
- National Center on Response to Intervention. "Screening Tools Chart." Web. 7 June 2012 <www.rti4success.org/screeningtools.>.
- National Education Association. "NEA's Keys Initiative." 2003. Web. 28 June 2012 <<http://www.keysonline.org/>>.
- National Institute of Standards and Technology. *Baldrige National Quality Programs 2000*. Gaithersburg, MD: Department of Commerce, 2000. Print.
- National Reading Panel. "National Reading Panel Report 2000." Web. 28 June 2012 <<http://www.nationalreadingpanel.org/publications/publications.htm>>.
- National Study of School Evaluation 2004 & 2005. *Accreditation for Quality Schools: A Practitioner's Guide*. Schaumburg, IL: NSSE, 2005. Print.
- National Study of School Evaluation 2005. *Breakthrough School Improvement: An Action Guide to Greater and Faster Results*. Schaumburg, IL: NSSE, 2005. Print.
- National Study of School Evaluation 2005. *Indicators of Schools of Quality. Vol. 1*. Schaumburg, IL: NSSE, 2005. Print.
- Nielson, Alyson, CEO, Knapp, Alan, National Policy Director, et al. "Partnership for 21st Century Skills." Web. 7 June 2012 <http://www.p21.org/index.php?option=com_content&task=view&id=254&Itemid=119>.
- North Central Regional Educational Laboratory (NCREL). "Intergrating Standards into the curriculum" *Critical Issue*. 2000: n. pag. Web. 28 June 2012 <<http://www.ncrel.org/sdrs/areas/issues/content/currclum/cu300.htm>>.
- Novick, Bernard, Kress, Jeffery, Elias, Maurice. *Building Learning Communities with Character*. Alexandria, VA: Association for Supervision & Curriculum Development, 2002. Print.
- O'Shea, Mark R. *From Standards to Success*. Alexandria, VA: Association for Supervision & Curriculum Development, 2005. Print.
- Oxley, Diane. "Creating Instructional Program Coherence." *Principal's Research Review*. 3.5 September 2008: n. pag. Reston, VA: National Association of Secondary School Principals. Web. 13 June 2012 <http://educationnorthwest.org/webfm_send/620>.

- Palmer, Parker J. *The Courage to Teach*. San Francisco: Jossey-Bass, 1998. Print.
- Pattison, Cynthia, and Berkas, Nancy. "Integrating Standards into the Curriculum." *Critical Issue*. 2000: n. pag. North Central Regional Educational Laboratory. Web. 19 June 2012
<<http://www.ncrel.org/sdrs/areas/issues/content/currclum/cu300.htm>>.
- Perkins-Gough, Deborah. "New Trends in Curriculum: An Interview with Heidi Hayes Jacobs." *Independent School*. 61.1. (2001) : 18-24. Print.
- Perlman, Carole L., and Redding, Sam, Eds. *Handbook on Effective Implementation of School Improvement Grants*. Lincoln, IL: Center on Innovation and Improvement. Revised 2011. Web. 19 June 2012
<http://www.centerii.org/handbook/Resources/Handbook_on_Effective_Implementation_of_School_Improvement_Grants.pdf>.
- Pete, Brian M., and Fogarty, Robin J. *Close the Achievement Gap: Simple Strategies that Work*. Thousand Oaks, CA: Corwin, 2005. Print.
- Peterson, Kent D., and Deal, Terrence E. *The Shaping of School Culture Fieldbook*, 2nd ed. San Francisco: Jossey Bass, 2009. Print.
- Pinkus, L.M., Ed. *Meaningful Measurement: The Role of Assessment in Improving High School Education in the Twenty-First Century*. Washington, D.C.: Alliance for Excellent Education, 2009. Print.
- Popham, W. James. *Classroom Assessment: What Teachers Need to Know*. 6th ed. Upper Saddle River, NJ: Prentice Hall, 2011. Print.
- . *Everything School Leaders Need to Know About Assessment*. Thousand Oaks, CA: Corwin, 2010. Print.
- . "The Seductive Allure of Data." *Educational Leadership*. 60.5 (2003) : 48-51. Print.
- . *Transformative Assessment in Action: An Inside Look at Applying the Process*. Alexandria, VA: Association for Supervision & Curriculum Development, 2011. Print.
- . *Unlearned Lessons: Six Stumbling Blocks to Our School's Success*. Cambridge, MA: Harvard Education, 2009. Print.
- Rathvon, Natalie. *Effective School Interventions*. New York: Guilford, 2003. Print.
- Redding, Sam, and Walberg, Herbert, eds. *Handbook on Statewide Systems of Support*. Charlotte, NC: Information Age Publishing, 2008. Print.
- Reeves, Anna R. *Where Great Teaching Begins: Planning for Student Thinking and Learning*. Alexandria, VA: Association for Supervision & Curriculum Development, 2011. Print.
- Reeves, Douglas B. *Accountability in Action: A Blueprint for Learning Organizations*. 2nd ed. Denver, CO: Advanced Learning, 2000. Print.
- . *Accountability for Learning: How Teachers and School Leaders Can Take Charge*. Alexandria, VA: Association for Supervision & Curriculum Development, 2004. Print.

- . *The Daily Discipline of Leadership: How to Improve Student Achievement, Staff Motivation, and Personal Organization*. San Francisco: Jossey-Bass, 2002. Print.
- . *Finding Your Leadership Focus: What Matters Most for Student Results*. Teachers College. Columbia University, 2011. Print.
- . *The Leader's Guide to Standards: A Blueprint for Educational Equity and Excellence*. San Francisco, CA: Jossey-Bass, 2002. Print.
- . *Leading Change in Your School: How to Conquer Myths, Build Commitment, and Get Results*. Alexandria, VA: Association for Supervision & Curriculum Development, 2009. Print.
- . *The Learning Leader: How to Focus School Improvement for Better Results*. Alexandria, VA: Association for Supervision & Curriculum Development, 2006. Print.
- . *Making Standards Work: How to Implement Standards-based Assessments in the Classroom, School, and District*. 3rd ed. Englewood, CO: Advanced Learning, 2001. Print.
- . "Putting It All Together: Standards, Assessment, and Accountability in Successful Professional Learning Communities." *On Common Ground: The Power of Professional Learning Communities*. Eds. Rebecca DuFour, Robert Eaker, and Richard DuFour. Bloomington, IN: Solution Tree , 2005. 45-63. Print.
- . *Reframing Teacher Leadership to Improve Your School*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2008. Print.
- . *Standards, Assessment, & Accountability: Real Questions from Educators with Real Answers*. Englewood, CO: Advanced Learning, 2010. Print.
- . *Transforming Professional Development into Student Results*. Alexandria, VA: Association for Supervision & Curriculum Development, 2010. Print.
- . *101 More Questions and Answers about Standards, Assessment and Accountability*. Englewood, CO: Advanced Learning, 2005. Print.
- . *101 Questions and Answers about Standards, Assessment and Accountability*. Englewood, CO: Advanced Learning, 2001. Print.
- Reeves, Douglas, ed. *Ahead of the Curve: The Power of Assessment to Transform Teaching and Learning*. Bloomington, IN: Solution Tree, 2007. Print.
- Reksten, Linda E. *Sustaining Extraordinary Student Achievement*. Thousand Oaks, CA: Corwin, 2008. Print.
- "Responding to Changing Demographics." *Educational Leadership* 64.6 March 2007: n. pag. Alexandria, VA: Association for Supervision & Curriculum Development. Web. 30 May 2012.
<<http://www.ascd.org/publications/educational-leadership/mar07/vol64/num06/toc.aspx>>.

- Risko, Victoria J., and Bromley, Karen. *Collaboration for Diverse Learners*. London. Routledge, 2002. Print.
- Rivkin, S., Hanushek, R., and Kain, J. "Teachers, Schools, and Academic Achievement." *Econometrica* 73.2 March, 2005: 417-458. Web. 19 June 2012
<<http://www.economics.harvard.edu/faculty/staiger/files/HanushekRivkinKain%2BEcta%2B2005.pdf>>.
- Robinson, Viviane M. J., Lloyd, Claire A., and Rowe, Kenneth J. "The Impact of Educational Leadership on Student Outcomes: An Analysis of the Differential Effects of Leadership Types." *Education Administration Quarterly*, 44.5 (2008). Print.
- Rothstein-Fisch Carrie, and Trumbull, Elise. *Managing Diverse Classrooms: How to Build on Students' Cultural Strengths*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2008. Print.
- Saxe, Geoffrey B., Gearhart, Maryl, and Nasir, Na'ilah Suad. "Enhancing Students' Understanding of Mathematics: A Study of Three Contrasting Approaches to Professional Support." *Journal of Mathematics Teacher Education*, 4, (2001) : 55-79. Print.
- Scherer, Marge. "Poverty and Learning." *Educational Leadership* 65.7 April 2008: n. pag. Alexandria, Virginia: Association for Supervision & Curriculum Development. Web. 29 May 2012.
<<http://www.ascd.org/publications/educational-leadership/apr08/vol65/num07/toc.aspx>>.
- Scheurich, James J., and Skria, Linda E. *Leadership for Equity and Excellence: Creating High-Achievement Classrooms, Schools and Districts*. Thousand Oaks, CA: Corwin, 2003. Print.
- Schlechty, Phipp C. *Shaking Up the Schoolhouse: How to Support and Sustain Educational Innovation*. San Francisco, CA: Jossey Bass, 2004. Print.
- Schmoker, Mike. *Focus: Elevating the Essentials to Radically Improve Student Learning*. Alexandria, VA: Association for Supervision & Curriculum Development, 2011. Print.
- . "First Things First: Demystifying Data Analysis." *Educational Leadership*. 60.5 (2003) : 22-24. Print.
- . "Hiding in Plain Sight." *Phi Delta Kappan* 93.1 (2011) : 68-69. Print.
- . "Radically Redefining Literacy Instruction: an Immense Opportunity." *Phi Delta Kappan*, 88.7 (2007) 488-493. Print.
- . Result: *The Key to Continuous School Improvement*, 2nd ed. Alexandria, VA: Association for Supervision & Curriculum Development, 1999. Print.
- . *Results Now*. Alexandria, VA: Association for Supervision & Curriculum Development, 2006. Print.
- Schmoker, Michael J. *The Results Fieldbook: Practical Strategies from Dramatically Improved Schools*. Alexandria, VA: Association for Supervision & Curriculum Development, 2001. Print.
- Senge, Peter. *The Fifth Discipline: The Art & Practice of the Learning Organization*. New York: Crown, 2006. Print.

- . The Leadership of Profound Change: Toward an Ecology of Leadership. In *Leadership for School Improvement* by Mayeski, Fran, and Gaddy, Barbara B. McREL, p. 12. 1999. Print.
- , Cambron McCabe, Nelda, et.al. *Schools That Learn: A Fifth Discipline Fieldbook for Educators, Parents and Everyone Who Cares About Education*. New York: Crown Business, 2000. Print.
- Sergiovanni, Thomas J. *Rethinking Leadership: A Collection of Articles*, 2nd ed. Thousand Oaks, CA: Corwin, 2006. Print
- "Seven Actions That Improve School District Performance." *Newsletter*. The Center for Comprehensive School Reform and Improvement. November 2006. Web. 20 June 2012
<http://www.centerforcsri.org/files/TheCenter_NL_Nov06.pdf>.
- Shannon, G. Sue, and Bylsma, Pete. "Characteristics of Improved School Districts: Themes from Research." Olympia, WA: Office of Superintendent of Public Instruction, 2004. Web. 20 June 2012
<<http://www.k12.wa.us/research/pubdocs/districtimprovementreport.pdf>>.
- Shiel, Tracey K. *Engaging Students Through Performance Assessment: Creating Performance Tasks to Monitor Student Learning*. Englewood, CO: Lead and Learn, 2011. Print.
- Shulman, Lee S. "Ways of Seeing, Ways of Knowing, Ways of Teaching, Ways of Learning about Teaching." *Journal of Curriculum Studies*, 23.5 (1991) : 393-396. Print.
- . "Knowledge and Teaching: Foundations of the New Reform." *Harvard Educational Review*, 57.1 (1987) : 1-22. Print.
- Snow, David. *Noteworthy Perspectives: Classroom Strategies for Helping At-Risk Students*. McRel. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2003. Web. 20 June 2012
<http://www.mcrel.org/PDF/Noteworthy/5032TG_NW2003_ClassroomStrategies.pdf>.
- Southern Regional Education Board. *Things That Matter Most in Improving Student Learning*. Atlanta, GA: Southern Regional Education Board, 1998. Print.
- Sparks, Dennis, and Hirsch, Stephanie. "A National Plan for Improving Professional Development." *National Staff Development Council*. 2000. Web. 20 June 2012
<<http://www.learningforward.org/news/authors/NSDCPlan.cfm>>.
- Spillane, James P. "District Policy Making and State Standards: A Cognitive Perspective on Implementation." *School Districts and Instructional Renewal*. Eds. Hightower, A., Knapp, M. S., Marsh, J., and McLaughlin, M. New York: Teachers College. 2002. 143-159. Print.
- . "Local Theories of Teacher Change: The Pedagogy of District Policies and Programs." *Teachers College Record*. 104. (2002). 377-402. Print.
- , and Zeuli, John S. "Reform and Teaching: Exploring Patterns of Practice in the Context of National and State Mathematics Reform." *Educational Evaluation and Policy Analysis*. 21.1 (1999) : 1-27. Print.

Spradlin, Terry E., et al. 2005. "Is the Achievement Gap in Indiana Narrowing?" *Special Report*. September 2005: 1-28. Center for Evaluation and Education Policy. Web. 21 June 2012
<http://ceep.indiana.edu/projects/PDF/Achievement_Gap_091405.pdf>.

Standards-Based Classroom Operators Manual Longmont, CO: Centennial BOCES, 2001. Print.

Stiggins, Richard J. (2002). "Assessment Crisis: The Absence of Assessment for Learning." *Phi Delta Kappan*. 83.10 June 2002:758-765. Web. 28 June 2012
<http://www.pdkmembers.org/members_online/members/orders.asp?action=results&t=A&desc=&text=&lname_1=stiggins&fname_1=&lname_2=&fname_2=&kw_1=&kw_2=&kw_3=&kw_4=&mn1=&yr1=&mn2=&yr2=&c1=>>.

---. "Assessment FOR Learning: Building a Culture of Confident Learners." *On Common Ground: The Power of Professional Learning Communities*. Eds. DuFour, Richard, Eaker, Robert and DuFour, Rebecca. Bloomington, IN: Solution Tree. 2005. 65-84. Web. 28 June 2012
<http://www.ccsd.cc/users/curr/act48/documents/on_common_ground_ch4.PDF>.

---. "High Quality Classroom Assessment: What Does It Really Mean?" *Educational Measurement Issues and Practice* 11.2 (1992) : 35-39. Print.

---. "New Assessment Beliefs for a New School Mission." *Phi Delta Kappan*. 86.1 Sept 2004: 22-27. Web. 28 June 2012. <[https://docushare.prsd.ab.ca/docushare/dsweb/Get/Version-563/Stiggins%20Paper%20\(2\).pdf](https://docushare.prsd.ab.ca/docushare/dsweb/Get/Version-563/Stiggins%20Paper%20(2).pdf)>.

---. *Student Involved Classroom Assessment*. 3rd ed. Upper Saddle River, NJ: Prentice Hall, 2000. Print.

---, Arter, Judy, Chappuis, Jan, and Chappuis, Steve. *Classroom Assessment for Student Learning: Doing It Right—Using It Well*. Saddle River, NJ: Prentice Hall, 2007. Print.

Stigler, James W., and Hiebert, James. *The Teaching Gap: Best Ideas from the World's Teachers for Improving Education in the Classroom*. New York: Free Press, 1999. Print.

Stone, John E. 2001. "Value Added Assessment: An Accountability Revolution." *Better Teachers, Better Schools*. Eds. Kanstoroom, Marci and Finn, Jr., Chester E. Thomas B. Fordham Foundation. 1999 Washington, DC: Web. 28 June 2012 http://www.education-consumers.com/articles/value_added_assessment.shtm.

Sullo, Robert. *Activating the Desire to Learn*. Alexandria, VA: Association for Supervision & Curriculum Development, 2007. Print.

Supovitz, Jonathan A., and Turner, Herbert, M. "The Effects of Professional Development on Science Teaching Practices and Classroom Culture." *Journal of Research in Science Teaching*. 37.9 2000: 963-980. Web. 28 June 2012 <<http://www.google.com/url?sa=t&rct=j&q=&esrc=s&frm=1&source=web&cd=1&ved>>.

Surowiecki, James. *The Wisdom of Crowds: Why the Many are Smarter than the Few and How Collective Wisdom Shapes Business, Economies, Societies, and Nations*. London: Abacus, 2005. Print.

Swanson, H. L., Hoskyn, M., and Lee, C. 1998. "Interventions for Students with Learning Disabilities: Meta-analysis of Treatment Outcomes." *Visible learning: A Synthesis of Over 800 Meta-analyses Related to Achievement*. Hattie, John. New York: Guilford. New York: Routledge. 2008. Print.

The Leadership and Learning Center. Home page. Web. 28 June 2012 <www.makingstandardswork.com>.

Thessin, Rebecca A. and Starr, Joshua P. "Supporting the Growth of Effective Professional Learning Communities Districtwide." *Phi Delta Kappan*. 92.6 2011: 49-54. Web. 28 June 2012 <<http://www.kappanmagazine.org/content/92/6/48.abstract>>.

Thiers, Naomi. "Closing Achievement Gaps." *Educational Leadership* 62.3 November 2004: n. pag. Alexandria, Virginia: Association for Supervision & Curriculum Development. Web. 29 May 2012. <<http://www.ascd.org/publications/educational-leadership/nov04/vol62/num03/EL-Study-Guide--Closing-Achievement-Gaps.aspx>>

Thompson, Charles L. *Research-based Review of reports on Closing Achievement Gaps: Report to the Education Cabinet and the Joint Legislative Oversight Committee*. Chapel Hill: North Carolina. Education Research Council, 2002. Web. 28 June 2012 <<http://www.eplc.org/education-policy/education-issues/achievement-gap/>>.

Tileson, Donna Walker, and Darling, Sandra K. *Why Culture Counts: Teaching Children of Poverty*. Bloomington, IN: Solution Tree, 2008. Print.

Togneri, Wendy, and Anderson, Stephen E. *Beyond Islands of Excellence: What Districts Can Do to Improve Instruction and Achievement in All Schools*. Washington, DC: Learning First Alliance, 2003. Web. 28 June 2012 <<http://www.learningfirst.org/sites/default/files/assets/biefullreport.pdf>>.

Tomlinson, Carol Ann. (2008). "The Goals of Differentiation." *Educational Leadership*. 66.3 November 2008: 26-30. Web. 28 June 2012 <<http://www.ascd.org/publications/educational-leadership/nov08/vol66/num03/The-Goals-of-Differentiation.aspx>>.

---. *How to Differentiate Instruction in Mixed-Ability Classrooms*, 2nd ed. Alexandria, VA: Association for Supervision & Curriculum Development, 2004. Print.

---, and Demirsky Allan, Susan. *Leadership for Differentiating Schools and Classrooms*. Alexandria, VA: Association for Supervision & Curriculum Development, 2000. Print.

---, and Imbeau, Marcia B. *Leading and Managing a Differentiated Classroom*. Alexandria, VA.: Association for Supervision & Curriculum Development, 2010. Print.

---, and McTighe, Jay. *Integrating: Differentiating Schools and Classrooms*. Alexandria, VA: Association for Supervision & Curriculum Development, 2006. Print.

Tomlinson, Carol Ann. (2008). "The Goals of Differentiation." *Educational Leadership* Vol. 66 .3 November 2008: 26-30. Web. 28 June 2012. <<http://www.ascd.org/publications/educational-leadership/nov08/vol66/num03/The-Goals-of-Differentiation.aspx>>.

Tuttle, Harry Grover. *Formative assessments: Responding to Your Students*. Larchmont, NY: Eye on Education, 2008. Print.

Ulrich, Dave, Zenger, Jack, and Smallwood, Norman. *Results Based Leadership*, Harvard Business School, 1999. Print.

- Umphrey, Jan. "Producing Learning: A Conversation with Robert Marzano." *Principal Leadership*. 8.5 (January, 2008) : 16-20. Print.
- United States Department of Defense Domestic Dependent Elementary and Secondary Schools (DDSES), Web. 5 May 2010. <<http://www.am.dodea.edu/ddessasc/aboutddess/standards/standardsbased.html>>.
- Vatterott, Cathy. *Rethinking Homework: Best Practices That Support Diverse Needs*. Alexandria, Virginia: Association for Supervision & Curriculum Development, 2009. Print.
- Volz, Deborah, Sims, Michel Jean, and Nelson, Betty. *Connecting Teachers, Students and Standards: Strategies for Success in Diverse and Inclusive Classrooms*. Alexandria, VA: Association for Supervision & Curriculum Development, 2010. Print.
- Wagner, Tony. "Rigor Redefined." *Educational Leadership*. 66.2 October 2008: 20-25. Alexandria, Virginia: Association for Supervision & Curriculum Development. Web. 29 May 2012. <<http://www.ascd.org/publications/educational-leadership/oct08/vol66/num02/Rigor-Redefined.aspx>>.
- , Kegan, Robert, Lahey, Lisa Laskow, and Lemons, Richard W., et. Al. *Change Leadership: A Practical Guide to Transforming Our Schools*. San Francisco: Josey-Bass, 2005. Print.
- Walker Tileston, Donna, and Darling, Sandra K. *Why Culture Counts*. Bloomington, IN: Solution Tree, 2008. Print.
- Wallace, Frances, Blasé, Karen, Fixsen, Dean, and Naoom, Sandra. *What We Know About: Implementing the Findings of Research: Bridging the Gap Between Knowledge and Practice*. Alexandria, VA: Educational Research Service, 2008. Print.
- Waters, Tim, and Cameron, Greg. *The Balanced Leadership Framework: Connecting Vision with Action*. Denver, CO: McREL, 2007. Web. 29 June 2012 <<http://www.mcrel.org/topics/products/290/>>.
- Wei, Ruth C., Darling-Hammond, Linda, Andree, Alethea, Richardson, Nikole, and Orphanos, Stelios. *Professional Learning in the Learning Profession: A Status Report on Teacher Development in the United States and Abroad*. Dallas, TX: National Staff Development Council, 2009. Web. 29 June 2012 <http://www.becker.k12.mn.us/sites/beckerschools/files/departments/2012/NSDCstudytechnicalreport2009_0.pdf>.
- Weick, Kar; E. (1982). "Administering Education in a Loosely Coupled System." *Phi Delta Kappan*, 63.10. (June 1983) : 673-676. Print.
- Wellman, Bruce, and Lipton, Laura. *Data-Driven Dialogue: A Facilitator's Guide to Collaborative Enquiry*. Sherman, Connecticut: MiraVia, LLC. 2004. Print.
- Wenglinsky, H. *How Teaching Matters: Bringing the Classroom Back into Discussion of Teacher Quality*. Princeton, NY Milken Family foundation and Educational Testing Service, 2000. Web. 29 June 2012 <<http://www.ets.org/Media/Research/pdf/PICTEAMAT.pdf>>.
- Western Regional Educational Laboratory. *Teachers Who Learn, Kids Who Achieve: A Look at Schools with Model Professional Development*. San Francisco, CA: WestEd. 2000. Print.

- Whitaker, Todd. *What Great Teachers Do Differently: 14 Things That Matter Most*. Larchmont, NY: Eye on Education, 2003. Print.
- White, Stephen. *Beyond the Numbers: Making Data Work for Teachers & School Leaders*. Englewood, CO: Advanced Learning Press, 2005. Print.
- . *Show Me the Proof: Tools and Strategies to Make Data Work with the Common Core State Standards*. Englewood, CO: Advanced Learning Press, 2005. Print.
- Wiggins, Grant, and McTighe, Jay. *Schooling by Design: Mission, Action, and Achievement*. Alexandria, VA: Association for Supervision & Curriculum Development, 2007. Print.
- , and ---. *Understanding by Design*, 2nd ed. Cheltenham, Vic, Australia: Hawker Brownlow Education Pty Ltd, 2005. Print.
- Wiliam, Dylan. *Embedded Formative Assessment*. Bloomington, IN: Solution Tree, 2011. Print.
- Yoon, Kwang S., Duncan, Teresa, Lee, Silvia Wen-Yu., Scarloss, Beth, and Shapley, Kathy L. "Reviewing the Evidence on How Teacher Professional Development Affects Student Achievement." *Issues and Answers*, REL 2007.33. Washington, DC: US Department of Education, Regional Educational Laboratory Southwest, 2007. Web. 29 June 2012
<http://ies.ed.gov/ncee/edlabs/regions/southwest/pdf/rel_2007033.pdf>.
- Zemelman, Stevem, Daniels, Harvey "Smokey", and Hyde, Arthur. *Best Practice: New Standards for Teaching and Learning in America's Schools*, 2nd ed. Portsmouth, NH: Heinemann. 1998. Print.
- Zimmerman-Orozco, Susan (2011). "A Circle of Caring." *Educational Leadership*, 68.8 (May 2011): 64-68. Print.
- Zmuda, Allison, Kuklis, R., and Kline, E. *Transforming Schools: Creating a Culture of Continuous Improvement*. Alexandria, VA: Association for Supervision & Curriculum Development, 2004. Print.



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