2020-2021 Physical Education Instructional Guidance for Diverse Learning Settings

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Credits

Colorado Department of Education

Katy Anthes, Ph.D. Melissa Colsman, Ph.D. Floyd Cobb, Ph.D. Commissioner of Education Associate Commissioner Executive Director

Student Learning Division Teaching and Learning Unit

Office of Standards and Instructional Support

Joanna Bruno, Ph.D.

Director

Carla Aguilar, Ph.D. Judi Hofmeister

Music Content Specialist

Dance Content Specialist

Drama and Theatre Arts Content Specialist

Maya M. Garcia
Science Content Specialist

Jamie Hurley, Ph.D.

Comprehensive Health Content Specialist

Olivia Gillespie

Reading, Writing, and Communicating Content

Physical Education Content Specialist

Specialist Raymond Johnson, Ph.D.

Donna Goodwin, Ph.D.

Mathematics Content Specialist

Visual Arts Content Specialist Chris Summers

Stephanie Hartman, Ph.D. Computer Science Content Specialist

Social Studies Content Specialist Alyssa Wooten

Financial Literacy Content Specialist

Additional Contributions

Shannon Milliken

Comprehensive Physical Education Senior Consultant

Office of Health and Wellness

Attribution

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Full Document and Other Support

For the full version of this document that contains all content areas, and for other standards, content, and instructional support, see the Office of Standards and Instructional Support

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Purpose

When CDE describes **best, first instruction**, it is assumed that instruction is occurring in a traditional environment: teachers and students gathered together in a classroom, working in small groups, large groups, and individually, and that there are no safety risks posed by having people in close proximity of each other or touching shared objects. Due to COVID-19, we can no longer assume that this traditional environment is possible or preferable under the current circumstances. Districts and schools have had to consider other options, including hybrid/blended learning, online-only options, or switching to remote learning on an emergency basis when circumstances require it. For most educators, this has created challenging teaching conditions—not only is teaching under these non-traditional settings challenging compared to the classroom environments teachers are accustomed to, but the uncertainty of the moment makes long-term planning and preparation especially difficult.

The purpose of this document is to provide some guidance under these uncertain times for each of the content areas addressed by the Colorado Academic Standards. While some compromises are inevitable when shifting instruction to non-traditional settings, maintaining high-impact instruction (or the highest-impact instruction under the circumstances) requires adherence to certain principles, practices, and strategies. Teaching is a very complex endeavor and while it isn't possible to cover every approach, tool, or practice for every situation, this document aims to inform educators about what teaching should ideally look like given a variety of instructional settings.

Teaching and Learning in Diverse Learning Settings

In March of 2020, schools in Colorado made on-the-fly decisions and took quick action to change the way teaching and learning worked across the state. Several terms emerged to describe the different settings school was happening in, such as *online*, *virtual*, *remote*, and *at home*. To attempt to clarify the language used to describe these settings, this document refers to the following categories:

- In-person learning: Face to face instruction within a brick and mortar structure.
- Hybrid/blended learning: A combination of in-person learning and remote learning.
- Online-only learning: Online learning in Colorado refers to schools that are providing online
 course offerings on a full or part-time basis. Students who engage in online learning in this
 context are enrolled in an approved school or program or may be taking an online course to
 supplement.
- Remote learning: Education that occurs away from a school building in response to emergency
 situations such as COVID-19 or natural disaster. Remote learning seeks to offer continuous
 educational opportunities that may or may not build upon previously taught content. Remote
 learning is both a temporary and longer-term option. Remote learning may include digital
 resources and/or hard copy resources and may include synchronous or asynchronous
 instruction and/or self-paced independent study work.

Even with these categories and definitions, other variations are possible. For example, in-person learning with an enforcement of social/physical distancing will certainly have some constraints that in-person learning without social/physical distancing. Similarly, online and remote learning looks very different when it is conducted synchronously rather than asynchronously.

Content-Specific Resources to Support Diverse Learning Settings

CDE's top priority continues to be the health and safety of all students, educators, and communities in Colorado. To help schools plan for educational continuity while the suspension of in-person learning is in effect, we have curated a list of best practices for remote learning and teaching including free webbased resources to help keep students academically engaged. We recognize that the multitude of resources for remote learning can be overwhelming so we have collected and organized material by content area and grade level that may be useful as educators develop plans for their students. While remote learning through the Internet provides a great deal of flexibility in learning opportunities, educators should also consider utilizing hard copy resources (e.g., packet work, textbooks).

There is no requirement for districts to offer remote learning via the Internet, but if educators decide to go this path, they should strive to include equitable access to instruction for all students. Equitable access does not require that all students receive instruction in the same format e.g., online instruction). Districts should consider the individual learning needs of students in determining how to best meet individual needs. Click <a href="https://example.com/here-to-students-needs-to

Equity Considerations for Learning Across Settings

Regardless of the instructional setting, or how it changes in 2020-2021, we suggest you consider the following do support students and their families:

- Support flexible scheduling and limited technology access when shifting to hybrid/blended or remote learning settings. Student learning should not be solely dependent on access to devices and the internet. Encourage approaches that can be pursued without technology and/or asynchronously to set students up for success.
- Engage students in meaningful explorations, investigations, inquiries, analysis, and/or sensemaking. Equitable learning experiences should be both responsive to the current need as well as meaningful to learners.
- When in remote or hybrid settings, encourage students to engage in activities that already happen in their homes with materials that families already have (especially so families do not need to purchase additional supplies). Families in poverty may be experiencing several of the considerations described above, along with additional concerns including regular access to meals, utilities, health services, or shelter. Undocumented students and students receiving special education services may face challenges in accessing resources that they need. Encourage educators to prioritize the physical, mental, and emotional well-being of all students.
- Help students make explicit connections to their interests and identities.
- Invite family members to be a partner in students' learning. Students and families may need to
 juggle home, caretaking, school, and work responsibilities. Consider a menu of options for
 learning experiences that allow for different types and levels of engagement during remote
 learning.
- Provide students with choices for how they engage, what they investigate/research, or how they demonstrate learning.
- Support students in self-reflection related to content and process to support their learning.
- Exercise sensitivity when referencing the current pandemic as a topic for instruction.

 Encourage, support, and facilitate first-language family participation in the learning acromultiple settings. Take steps to bridge the gap in access to bilingual and native language resources that support learning for students and their families. 						

General Considerations for Standards-Aligned Instruction

The guidance provided below gives educators insights into "traditional" teaching practices and how shifts in those teaching practices can lead to student learning experiences that are more authentic and engaging in diverse learning settings. These shifts support instructional alignment with the 2020 Colorado Academic Standards.

Learning experiences should look less like	Learning experiences should look more like
An attempt to recreate school at home during learning:	Flexible goals and structures for learning
Teacher-centered instruction • virtual lectures/classes that all students synchronously attend • teachers delivering information and assignments • teacher instruction and feedback as the primary mode of facilitating learning	Purposeful teacher-student interactions optional opportunities to connect with teachers and peers virtually and at a variety of times teachers providing coaching, feedback, and encouragement encouraging students to engage in learning and reflection with their families and communities encouraging self-reflection on what students learn and how they learn it
Assignments to "get through" content	Connecting experiences to household activities, like cooking, fixing things, or gardening, community interactions asking students to identify relevant problems in their lives and leverage content knowledge to address them allowing students to deeply explore concepts, topics, phenomena (science), and/or problems of interest through investigation, analysis, research, and other sense-making strategies to build understanding and practice over time

Instructional Guidance by Content Area

CDE's Office of Standards and Instructional Support stands behind the saying, "All Students, All Standards." The Colorado Academic Standards define learning goals in each content area. By providing a high-quality, standards-based educational experience for students in each of the content areas, schools open doors of opportunity to students' futures. By experiencing high-quality teaching and learning in a variety of content areas, upon graduation students should be prepared to seek out and find success in multiple career fields, college majors, or other future endeavors connecting to any one or more of the content areas for which Colorado has academic standards.

Unlike other sources of guidance for the 2020-2021 school year, the guidance below gives equal preference to each content area. This is not a guide for narrowing the curriculum down to mathematics and English language arts. Instead, it is our goal that schools consider the guidance provided and strive to offer well-rounded, enriching, opportunity-creating educational experiences for all students, regardless of the instructional setting.

Physical Education

Instructional strategies and rich learning experiences should be developmentally appropriate, meaningful and challenging and provide multiple opportunities to engage in learning, so students will have the ability to move with competence and confidence in a wide variety of physical activities in multiple environments. These high-level strategies could include but are not limited to, group discussions, cooperative learning, problem solving, role playing, and peer-led activities. Rich learning experiences correspond with the physical, cognitive, and affective domains which can be directly related to the physical, mental, social and emotional development of students. When students are able to personalize information, they can maintain their interest and motivation while accommodating diverse capabilities and learning styles.

The goal for students to achieve during physical education, no matter the learning environment is to become physically literate. Physical literacy, which is having the confidence and competency to demonstrate skills and knowledge to establish and sustain an active lifestyle, can be achieved through developmentally appropriate instructional strategies, rich learning experiences that allow for delivery of meaningful and challenging content.

The table below contains content-specific instructional strategies and tools to help physical educators provide high-quality learning experiences.

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
Promote exclusion by allowing student captains to pick teams or by separating students by gender (boys v girls) or skill level (highly skilled v low skilled)	Form pairs, groups and teams in ways that preserve every child's dignity and self- respect	Applications that randomly create groups (e.g., Team Shake)	PD - Incorporate marked off areas on the ground (e.g., color, symbol, number)	Direct Instruction Peer Learning Cooperative Learning Sport Education

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
No identifiable structure	Begin with an instant activity, anticipatory set and physical warm-up; proceed to the instructional focus and fitness activities; and close with a physiological cool-down and a review of instructional objectives	Explain and demonstrate class expectations to students, be consistent and start class with a similar greeting/warm up/instant activity	PD/DL/H - What routines and sense of normalcy can you create for your students to feel comfortable? DL/H - How can you prepare students for changes ahead of time? DL/H - Have students share in the chat box how they feel using an emoji/type how they are feeling right then, end class with the same routine? DL/H - Send a weekly schedule or note home, email students with changes with as much lead time as possible	Direct Instruction

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
Does not use effective time management strategies, and devotes little time to developing skill or offering meaningful feedback	Plans for skill and concept instruction and provides adequate time for practice, skill development and feedback based on appropriate skill analysis	Increase student engagement by providing maximal practice attempts and participation Focusing on introduction, reinforcement and mastery of skills over a period of time	PD/H - Have students participate in individual physical activities that comply with physical distancing guidelines and require little or no equipment	Tactical Games Personalized System for Instruction Flipped Classroom

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
Skills are taught once a year during the appropriate unit, and then are ignored until the following year	Lessons are planned to revisit skills and concepts throughout the year and from year to year, to allow for student growth and readiness	Curriculum has designed progressions that allow students to build on and practice previously Progressions are designed that allow students to build on previously learned content and skills by focusing on lifetime activities	PD/DL/H - Focus more on individual pursuits or skills rather than traditional team sports or activities (e.g., dance and rhythms, exercises without equipment, fitness, mindfulness, outdoor pursuits, track and field, throwing underhand, kicking and target games) DL/H - Have students at home focus on activities for motor skill development	Direct Instruction Inquiry Based Learning Tactical Games Personalized System for Instruction Project Based Teaching Flipped Classroom

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
One object is used for most ball-oriented activities, students play large mass activity games and in the game situation, most players touch the ball only rarely.	Allow students ample opportunity to participate Classes maximize opportunities for all students to learn and be physically active	Small-sided games (e.g., 1 v1, 2 v2, etc.) Enough equipment is provided so that students spend virtually no time waiting for turns or standing in lines At least half of class time is spent in moderate-to-vigorous activity	PD/H - Have students participate in individual physical activities that comply with physical distancing guidelines and require little or no equipment DL/H - Have students at home focus on activities for motor skill development	Direct Instruction Peer Learning Cooperative Learning Tactical Games Sport Education Personalized System for Instruction Demonstration or Modeling

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
"One size fits all" instruction, using primarily a direct teaching style, regardless of learning style or student response	Variety of direct and indirect teaching styles to provide for student's success, depending on lesson objectives and content and students' varied learning styles Provide opportunities for students to choose tasks or equipment that is developmentally appropriate to allow for success	Challenge by Choice • Allow students to have a choice with each lesson that will meet them at their own skill level Intra-Task Variation- Adjust the skill level of a task or activity for a group or individual Teaching by Invitation • Invite individual students to engage in an activity with a challenge to keep engagement and motivation	DL/H - Think about your students and what individual needs they may have DL/H - Will you need to provide video captioning, transcripts, or graphic organizers for students? DL/H - Provide content using a variety of methods to ensure all students can access it	Inquiry Based Learning Peer Learning Cooperative Learning Sport Education Personalized System for Instruction Project Based Teaching Universal Design Learning http://udlguidelines. cast.org

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
Content and activities are controlled tightly, and students rarely have input regarding rules, activities covered, or equipment used for practice	Students guide choices in matters such as equipment, rule modification or type of skill practice	Create a variety of opportunities for students to be involved in choice	PD/DL/H - Students create a game using limited amount of equipment focusing on physical activities and locomotor movements	Peer Learning Cooperative Learning Project Based Teaching Flipped Classroom
Activities are always taught command style, with no attempt to stimulate analysis or evaluation	Critical-thinking and problem- solving tactics using higher- order questions are emphasized	Offer opportunities for students to choose how they will demonstrate their knowledge and skills.	PD/DL/H - Have students provide feedback through writing, videos, journaling, etc. about activities and/or experiences	Inquiry Based Learning Tactical Games Project Based Teaching

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
No effort is made to connect physical education instruction to community offerings, recreation opportunities or family involvement Knowledge gained in physical education is not linked to life examples	Extend experiences from in-class activity lessons to community and family activities, promoting a physically active lifestyle	An effort is made to encourage activity in other aspects of students' lives Motor skill development, physiological and biomechanical concepts, healthenhancing physical activities that lead to a physically active lifestyle, and opportunities to develop appropriate social behaviors are included	H - Consider assigning tasks for at-home completion and then have students apply the knowledge gained in the school setting	Inquiry Based Learning Project Based Teaching Flipped Classroom

No adaptations	Lessons/activities	Distance and	PD/DL/H - Consider	Direct Instruction
are made for	are adapted for	pace runs are	for students with	Direct matraction
students, who	students who are	made	IEPs or 504 plans	Peer Learning
are overweight	overweight and	appropriate	PD/DL/H - Consider	Cooperative
or have disabilities	have disabilities	Connect with	how to meet all	Learning
and/or they are	and are encouraged to	special	students' needs	Sport Education
marginalized as	undertake	education	(e.g., closed	Personalized System
those who "can't	appropriate	specialists or	caption, providing materials ahead of a	for Instruction
do it."	levels of activity	ELL teachers for support	scheduled meeting	D
	for their own		time, sending	Demonstration or Modeling
	improvement	Allow students to have a	recordings of	Wiodeling
	The special	choice with	meetings afterward,	
	education	each lesson	visual aids, tutorials,	
	process for students with	that will meet	individual virtual meetings)	
	disabilities is	them at their		
	implemented as	own skill level	PD/DL/H - Can any of the	
	outlined in		accommodations or	
	student's IEPs		modifications be	
	and/ or the school's		used for all of my	
	accommodations		students	
			PD/DL/H - Consider	
			students who are	
			English-language	
			learners	
			PD/DL/H - How will I	
			communicate with	
			parents/guardians?	
			PD/DL/H - What	
			additional aids will I need to help	
			students	
			understand	
			assignments?	
			PD/DL/H - Will	
			wearing face	
			coverings impact	
			students' ability to	
			hear speech and	

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
			understand what is being said?	
Highly skilled students are permitted to dominate activities and certain activities are identified as more appropriate for girls and boys	All students, regardless of developmental level and ability, are challenged at an appropriate level and have equal opportunities to participate and interact with the teacher	All students are encouraged, supported and socialized toward successful achievement in all content Gender-neutral language is used	DL/H - Provide content using a variety of methods to ensure all students can access it DL/H - Considerations for student demographics or specific circumstances for equitable access to materials and resources DL/H - Do students have access to materials/equipmen t at home? DL/H - What materials can my students use at home to complete assignments?	Inquiry Based Learning Personalized System for Instruction Project Based Teaching Flipped Classroom

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
Unsafe practices are allowed or ignored and students are permitted to ignore the safety of others in the class or use equipment unsafely	Every effort possible is made to create a safe learning environment for students	Activities are selected carefully to ensure that they match students' ability levels and are also safe for all students Classes are closely monitored and facilities and equipment are maintained and inspected regularly for safety hazards	PD/H - Ensure lessons are planned around the available space for instruction. DL/H - Will asking my students to use physical activity equipment/material s be realistic for a range of settings? DL/H - Do my students mostly live in apartments or places with limited space or access to safe outdoor areas? DL/H - Consider if your students can participate safely in the selected activities	Direct Instruction Inquiry Based Learning Personalized System for Instruction Demonstration or Modeling

Games with no obvious learning purpose or goal other than to keep students "busy, happy and good" are used	Curriculum has an obvious scope and sequence based on standards with goals and objectives that are appropriate for all students and that are derived from state standards	Activities and games are selected, designed, sequenced and modified to maximize learning, fitness/skill enhancement and enjoyment Strategies, tactics, exercise science, anatomy and fitness concepts are included in curriculum and instruction Students are well educated to become wise consumers of the fitness/ wellness industries	PD/DL/H - Shift the focus of their curriculum to health-enhancing fitness, personal and social responsibility and value of physical activity and incorporate activities for motor skills and movement patterns and movement concepts that are safe and appropriate DL/H - Do an inventory of your current curriculum and determine which lessons or activities can be repurposed as athome work or for online use (depending on students' access to technology). There may be lessons or activities within your current curriculum that can easily be adapted for students to complete at home or online PD/DL/H - Be sure	Direct Instruction Inquiry Based Learning Peer Learning Cooperative Learning Project Based Teaching Flipped Classroom
expected to be "busy, happy and good," with no emphasis on	designed to guide students to take responsibility for their own	objectives for student learning and performance are	to explain class expectations to parents/guardians and students and convey the	Inquiry Based Learning

learning and	behavior and	communicated	relevance/importan	Personalized System
improvement	learning	to students, parents/ guardians and administrators	ce of what students will be learning. Explain where they can find materials,	for Instruction Demonstration or Modeling
			how they will submit their work, and what to do if	Project Based Teaching
			there is a problem	Flipped Classroom
			PD/DL/H - Make sure expectations are realistic for students, especially for younger students if they require assistance from an adult to complete	
			assignments and consider the home dynamics of your students	
			PD/DL/H - Communicate to students and parents	
			PD/DL/H - Reach out to those who aren't engaging and figure out what their individual situation is so you can determine a solution together.	
			PD/DL/H - Be patient and understanding. Not all students are in the same situation and you don't know	

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
			what could be going on at home. PD/DL/H - Be flexible. Understand that there are many factors that contribute to successful distance learning and some of those factors may be out of your control. Educators may need to make modifications or change the direction of a lesson/activity to make it work	

Moving from less like	Moving to more like	Examples	Considerations for Diverse Learning Situations PD - In Person w/Physical Distancing DL - Distance Learning H - Hybrid	Instructional Strategies
Environment is not supportive or safe for student's social and emotional needs. As a result, some students feel embarrassed, humiliated and generally uncomfortable in physical education class	Plans for, develops and maintains a positive learning environment that is focused on maximizing learning and participation, in an atmosphere of respect and support from the teacher and the student's peers	Positive interventions can be used to correct behavior and positive behaviors are recognized How can you check in with students in a safe and supportive way?	DL/H - Provide opportunities to connect with your students and for students to connect with one another DL/H - Provide small group check-ins for your students or peer-support groups PD/DL/H - Spend time in each class connecting with students and find opportunities to connect with students individually	Peer Learning Cooperative Learning Sport Education

Instructional Strategies

- Direct Instruction
- Teacher as instructional leader
- Inquiry Based Teaching
- Learn as a problem solver
- Peer Teaching
- I teach you, then you teach me
- Cooperative Learning
- Students learning with, by and for each other

- Sport Education
- Learning to become competent, literate and enthusiastic sportspersons
- Personalized System for Instruction
- Students progress as fast or as slow as they need
- Project Based Learning
- Student directed
- Flipped Classroom

- Tactical Games
- Teaching games for understanding
- Learn about a topic at home and then come prepared to learn more about the topic in class
- Demonstration or Modeling

Considerations for In-School Learning with Physical Distancing

- Physical Environment
- Personal Hygiene
- Equipment Safety and Sanitation
- Instructional Strategies

Considerations for Distance Learning

- Develop connections
- Assess your curriculum
- Communicate expectations
- Create consistency
- Make content accessible for all learners

Considerations for Hybrid Learning

- Consider assigning tasks for at-home completion and then have students apply the knowledge gained in the school setting
- Consider a <u>flipped classroom</u> approach where students first learn about a topic at home and then come prepared to learn more about it in class
- Consider switching from providing direct instruction to more of a student-directed instruction approach
- Provide synchronous learning opportunities (distance learning that happens in real time) as much as possible, but record lessons to provide to students who may not have access in real time
- Allow for optimal student choice and provide opportunities for students to engage with teachers directly and often

References

https://www.sdcoe.net/lls/ccr/Documents/HPE-best-practices-brochure.pdf

https://www.iahperd.org/images/enhanced pe/IAHPERD Best Practices fact sheet.pdf

https://users.manchester.edu/student/kcarlisle/ProffWeb/bestpractices.pdf

https://www.esc1.net/cms/lib/TX21000366/Centricity/Domain/89/appropriate%20practice%20for%20P <u>E%20elementary.pdf</u>

https://www.shapeamerica.org/upload/Appropriate-Instructional-Practice-Guidelines-K-12.pdf

https://www.shapeamerica.org/advocacy/Reentry/K-12 School Re-entry Considerations.aspx

Additional Resources

Reentry P.E. Preparation Checklist

https://docs.google.com/document/d/1TtEsvHbj2YbHeNKPAgdeOylepueTdxqOTNG9v62nxAw/edit?usp =sharing

Elementary PE Resources

https://docs.google.com/document/d/1Muvhn-EOfSMih FMD2f7UOgsTvKEErQzrRKgezlfqa4/mobilebasic