Data Dashboards

DENISE MUND, CHARTER SCHOOL SOLUTIONS

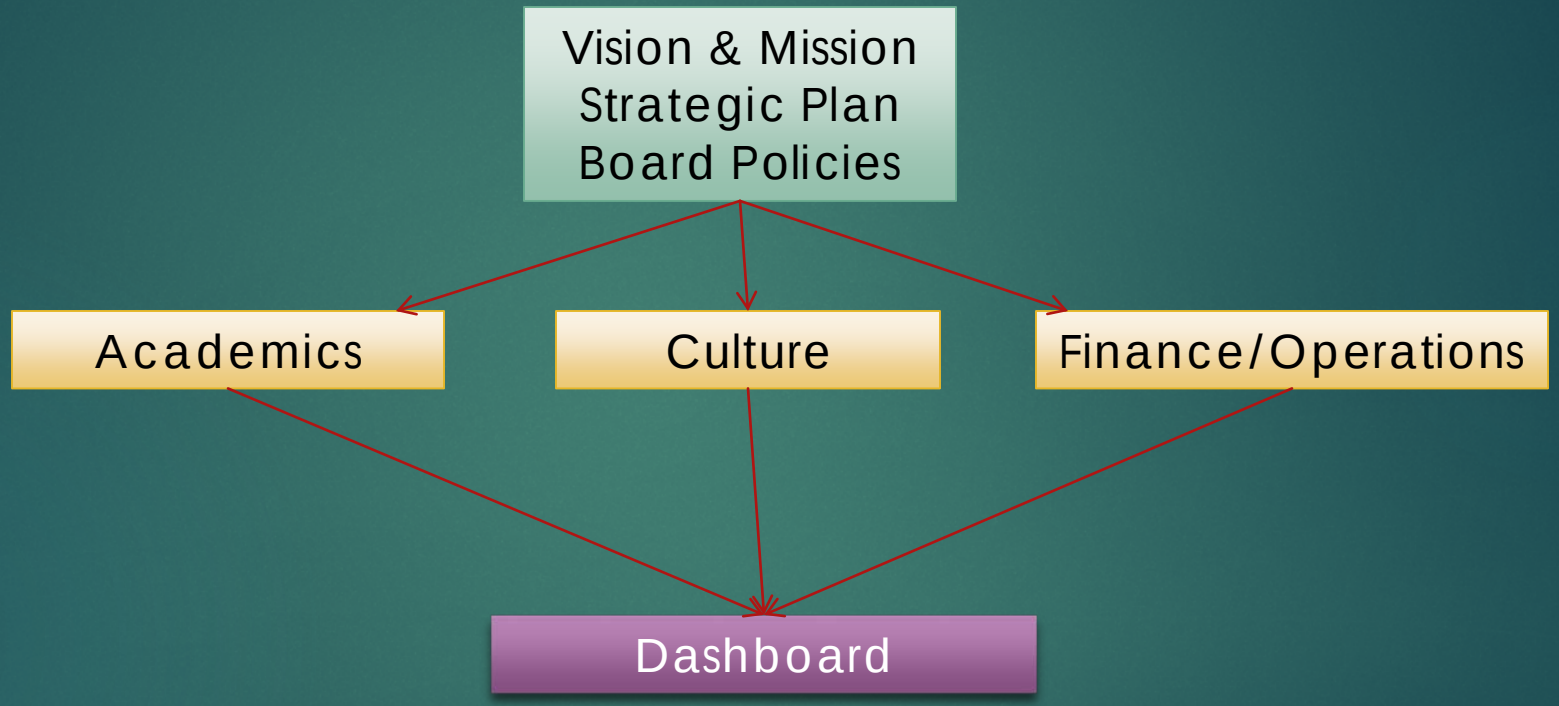
What is a dashboard?

- A snapshot of the school's status
- One page collection of metrics
- Unique for each charter school
- One component of a bigger picture of measures (what) & metrics (how)
- In a format that matches the school's needs

Why Use a Dashboard

- Communication tool
- Accountability
- Narrows focus
- Continuous improvement
- Communicates values and priorities
- Complements and aligns with the strategic plan
- A quick and efficient way to inform the board's work

GOVERNING BOARD



Who Creates the School Dashboard

- The governing board
  - Determines the metrics that will be used
  - Commonly done in conjunction with strategic planning
  - Aligns with the school's vision and mission
  - Supported by the School Accountability Committee and business office
  - Reviewed ideally monthly, but minimally quarterly
  - Published and communicated for stakeholders

Supporting Documents

- Board strategic plan
- School goals (UIP, charter application)
- Administrator's scorecard
- Principal evaluations
- Parent survey
- Board policy

- **Board Use of Data**
-
- A. The board uses data in a variety of ways, including monitoring progress, recognizing gaps, identifying goals, quantifying performance measures, informing needs assessments and determining resource allocation. Herein are some of the data the board uses and how the data is monitored.
-
- 1. **Annual CSAP workshop**. In the fall of each year, staff will present to the board a summary of CSAP results, what hypotheses or conclusions the staff has drawn from the data, achievement gaps and trends that have been identified. The workshop will include information garnered from the Unified Improvement Plan (UIP) process. In addition, staff will discuss interim assessments or other metrics used to support CSAP data.
- 2. **Principal reports**. Periodically, the Principal will report to the board on benchmark data in the Unified Improvement Plan, NWEA Measure of Academic Progress (MAP) data or other data that is of interest to the board.
- 3. **Parent survey results**. The board monitors parent satisfaction data through the annual parent survey administered each year by the School Accountability Committee.
- 4. **Board dashboard**. At least annually, in alignment with the strategic plan, the board will confirm the inclusion of specific data for inclusion in the board dashboard. The board will update and review the dashboard at least twice a semester during regularly scheduled board meetings. The board member serving on the School Accountability Committee shall be responsible for updating the dashboard and presenting it to the board.
- 5. **Financial Reports**. The board receives monthly financial updates and in the first quarter of each school year participates in a finance workshop conducted by the Treasurer and Business Manager.

Where to Start

- The board determines which metrics it will monitor, frequency, data source
- Key performance indicators from the strategic plan are included
- The board decides how data should be presented (chart, graph, table)
- The board adopts policy to guide the use of data, in particular, the data dashboard
- The dashboard will be refined over time

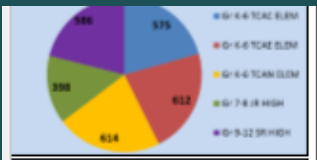
Woodrow Wilson Academy Board Dashboard

Academics	2019	2020	2021	Change
Priorities				
Writing				
Science				⇩
MAP				
Elem Math (Mean RIT)				
Elem Reading (Mean RIT)				
MS Math (Mean RIT)				
MS Reading (Mean RIT)				

Enrollment & Attendance	2019	2020	2021	Change
Pre-K enrollment (FTE)				
K-5 enrollment (FTE)				⇧
6-8 enrollment (FTE)				
K-5 average class size				
6-8 average class size				
Wildcat Care enrollment (FTE)				⇔
HSC enrollment (FTE)				
K-5 attendance				
6-8 attendance				

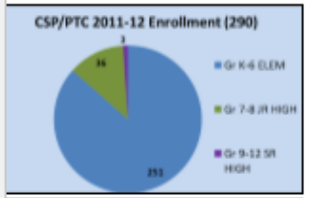
Finance	2019	2020	2021	Change
Teaching staff (FTE)				
Non-teaching staff (FTE)				
Administration (FTE)				
HSC staff (total $)				
Pre-K/WWC staff (total $)				
Total FTE funded				
Total PPR				

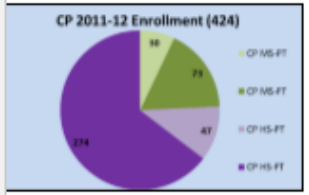
The Classical Academy
2011-2012 Dashboard

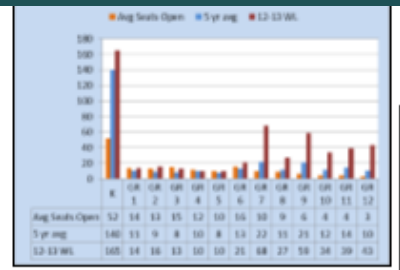


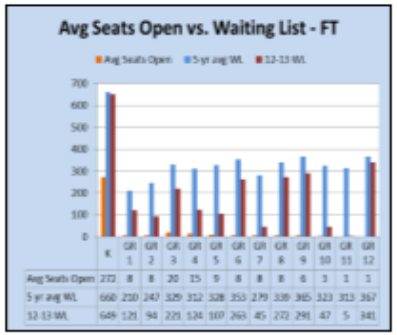
lass of 2012 = 120 Class of 2013 = 125

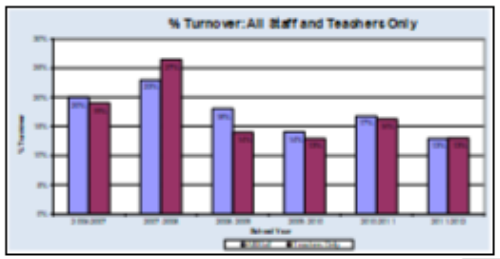
lass of 2014= 169 Class of 2015 = 173







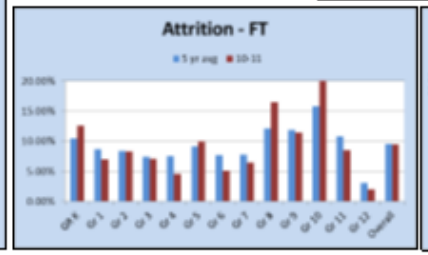


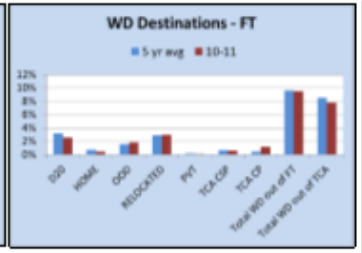


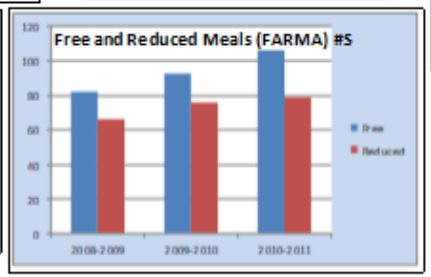
TCA Drop-Out Rate

AY 2004-2005=1 sophomore

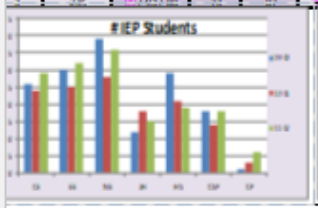
Elementary	54 13 9
Junior High	25 18% too rigorous 14% want neighborhood school
High School	35% want CP 17% moving out of local area 10% too rigorous 10% want more electives
CSP	30% want to homeschool 23% moving out of local area 18% dissatisfied with staff issue
CP	33% want to homeschool 17% want neighborhood school 14% moving out of local area

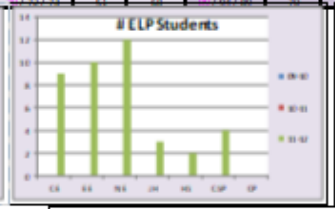


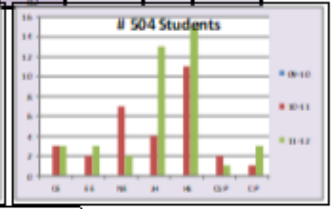


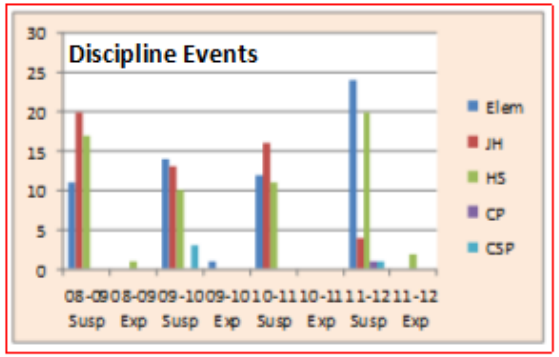


CSAP	Reading			Writing			Math			Science		
	TCA 11/10/09	State 11	District 2011	TCA 11/10/09	State 2011	District 2011	TCA 11/10/09	State 2011	District 2011	TCA 11/10/09	State 2011	District 2011
Grade	Students											
0 CP	21	82	65	80	68	47	62	41	32	42	65	47	67
9 CP	30	95	66	82	84	53	74	57	38	53			
8 CP	37	90	67	83	80	54	75	70	51	65	70	49	67
7 CP	34	100	67	83	95	59	75	86	53	70			
10	153	99 / 97 / 96	65	80	79 / 88 / 83	47	62	56 / 66 / 56	32	42	80 / 91 / 86	47	67
9	171	91 / 90 / 98	66	82	83 / 80 / 85	53	74	63 / 72 / 71	38	53			
8	182	99 / 95 / 89	67	83	82 / 79 / 78	54	75	71 / 78 / 78	51	65	69 / 78 / 73	49	67
7	199	93 / 87 / 85	67	83	88 / 85 / 86	59	75	83 / 73 / 76	53	70			
6	215	92 / 94 / 91	71	86	94 / 89 / 88	62	76	82 / 84 / 82	63	76			
5	226	90 / 86 / 89	69	84	79 / 71 / 78	60	74	91 / 84 / 82	66	81	67 / 66 / 72	47	68
4	241	90 / 88 / 85	65	83	76 / 69 / 62	56	72	92 / 91 / 92	71	84			
3	235	87 / 87 / 88	73	87	74 / 73 / 73	51	68	86 / 84 / 89	70	82			



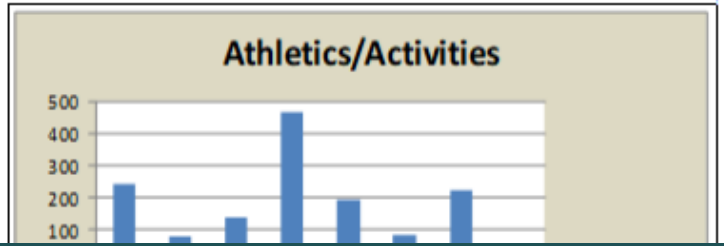






Dispute Resolution Events 2011-2012

Type	#	Level School/ Pres/Board	Open / Closed	Comments
Bullying	0	1/0/0	1 Closed	JH
Discrimination	0			
Conflict of Interest	0			
Conflict Resolution	4	1 / 1 / 2	4 Closed	HS Credit Transfer (President) HS Weighted Honors Grades (Board) EE handled a child's behavior (School) NE suspension (Board)



Overall Stats

Accounting

Monthly Expense

Employee Metrics

.7 Teacher- .3 Admin	3
Full Time Teachers	27
Part-time Teachers	1
Highly Qualified	28
Classroom Coord.	14

Student Metrics	LCS	TSD (Oct)
EDS		37.7%
SPED	6.4%	10.7%
ILPS	22.2%	21.6%
ELA	3.1%	3.4%
Minority	15.3%	23.5%
Boys	50.0%	51.4%
Girls	50.0%	48.4%

Top Withdrawal Reasons* (since 9/4/12)

LCS Related Issues:	
Extra Curricular Activities	0%
Attendance	1%
Discipline	10%
Facility	0%
Program Dissatisfaction (Elementary)	8%
Program Dissatisfaction (Middle)	13%
Program Dissatisfaction (High)	5%
Staff / Faculty	3%
Overall Communication	1%
Special Situation / SPED Needs / Other	3%
Extenuating Circumstances:	0%
Family/Friend/ Financial/ Home Structure	20%
Moved	15%
Location	9%
Never Attended / Unknown:	14%
Withdrawn from LCS and Returned:	9

Metrics Legend

EDS	Economic Hardship (Ec. Data Survey)
SPED	Special Education (ESS)
ILPs	Individual Literacy Plan
ELL	English Language Learners

Withdrawal Reason Legend

- **Extra Curricular** - Lack there of
- **Program Dissatisfation** - Academic issues
- **Attendance** - Student could not catch up
- **Discipline** - Too strict, not done well
- **Facility** - bldg./space issues
- **Additional Services** - Needed more SPEDS
- **Special Situation** - LCS issue, unique
- **Family / Home Structure** - eg. divorce, custody, etc.
- **Moved** - Out of District / Too far
- **Location** - School spot inconvenient

TOTAL STUDENTS: 608

Academic Excellence

	Academic Growth % Typical or High Growth	Academic Status % Proficient or Advanced	Closing Achievement Gap % Decrease in Gap Scores
2011-12	N/A		
2012-13			
2013-14			

Financial and Operational Stability

	# Funded Students	# Withdrawn Students	Pos. Monthly Cash Flow	Positive Reserves
2011-12	500.5	148		
2012-13	608	80		
2013-14		0		

	Sup. Facility Costs	Supporting Payroll Costs	Foundation: Raising Additional Funds
2011-12	643,014		
2012-13	333,359		
2013-14			

The Academy Dashboard

Mission Statement: The Academy serves our students to develop college ready, exemplary citizens by promoting excellence in academics, character and relationships.

Academic - Student Performance

Vision	3-year Mission	Previous	2018-19 Goal	Current Status	Next Update(s)
100% College Acceptance	86.52%	74.80%	78.50%	72.60%	Monthly through June
100% Graduation	100%	100%	100%	98.5% 128/130	Monthly through June
SAT Average Score - 1160	1080	1028	1040	--	August, 2019
80% Secondary 3.0+ GPA	80%	7-8 = 73%; HS = 68.6%	7-8 = 78%; HS = 72%	76.02%	Feb and June
100% Students K-6 50+ SGP - Reading	K-2 = 71%; 3-5 = 77%; 6 = 57%	K-2 = 57%; 3-5 = 63%; 6th = 43%	K-2 = 61%; 3-5 = 67%; 6 = 47%	66.83%	Feb and June
100% Student K-6 50+ SGP - Math	K-2 = 66%; 3-5 = 77%; 6th = 57%	K-2 = 51%; 3-5 = 62%; 6th = 42%	K-2 = 56%; 3-5 = 67%; 6th = 47%	66.83%	Feb and June
100% Students K-12 on grade level - Writing	K-2=95%; 3-6=80%; JH=70%; HS=79.25%	N/A	K-2=95%; 3-6=70%; JH=60%; HS=74.5%	54.43%	Feb and June

Culture

Level	Previous Results	2018-19 Goal	Current Status	Next Update
K-2	21 students	Fewer than 15 students will receive 4 or more behavior referrals	6	May
3-6	- 153 referrals, 0.91 per day	Average <1 behavior referral per day	0.65	Feb
7-8	224 (no increase)	Improved proactive management strategies will be implemented leading to a 10% decrease in behavior referrals.	0	Feb
9-12	5th - 338, 6th - 412	10% decrease in tardies after lunch	0	Feb

Finance

Topic	Previous Results	2018-19 Goal	Current Status	Next Update
Financial Compliance	100% compliant last 4 years	100% Compliance	100.0%	Monthly

Operations

Topic	Previous Results	2018-19 Goal	Current Status	Next Update
3-year Financial Planning Tool	Draft Completed	Complete parts as determined by CEO	Finance Cmte scheduling review. "What ifs" complete.	June
Long-term Facility Maintenance Plan	Draft rotation completed.	Facility Rotation Plan completed - Dec 2018	Developing Draft	June
3-6 Remodel Plan	N/A	Complete Action Plan - Dec 2018	Action plan being developed by CEO/CFO/3-6 Principal	Plan complete. Construction begins Summer, 2019

Governance

Topic	Previous Results	2018-19 Goal	Current Status	Next Update
Annual				
CEO Evaluation	Mid-year completed Jan. Final completed in June	Mid-year complete Feb Final Complete June	Schedule confirmed at Board Retreat	Feb/Jun
Board Self-Evaluation	13 indicators Excellent; 6 indicators 1 year out; 8 indicators 2 years out; 4 indicators 3 or more years out	Complete Self Eval and Publish by Sep 2018	Completed at Board Retreat	Annually - Sep
Board Training	N/A	100% Board Member completion of Contract and Waiver Training	Training plan under development	Oct 2018
Charter Renewal	N/A	Create Action Plan aligned with CSI requirements	Plan on track	Monthly
Strategic				
Pathways	Determine next pathways (i.e. Business and entrepreurial, CS/Tech) and Goals.	Determine list of potential pathways for investigation by Academic Cmte - Dec 2018	TBD	Monthly
Board Succession	Policy Developed	Implement plan through integration with the Board calendar	TBD	Annually - Jan

Questions to Ask

- What data is necessary for progress monitoring?
- Can the data be put into the dashboard without being burdensome for staff?
- What format makes the most sense for our school's stakeholders?
- What frequency is needed?
- Should data be reported to the board in other ways also?
- Is the data already available or is there a need for a new collection?

Charter School Solutions

Charter School Board Member Training Modules

https://www.youtube.com/watch?v=h7nMdTmBYsI&feature=youtu.be

Denise Mund

Denise@charterschoolsolutions.org