



MOVING TOWARDS STATE ACCOUNTABILITY

20 JUNE 2017

Some Background on ESSA and Vermont State Accountability

Board Interactions

- ☒ Reviewing the Integrated Field Review Results
- ☒ Identifying Alignment Between Snapshot and Act 46 Alternative Structures Rules

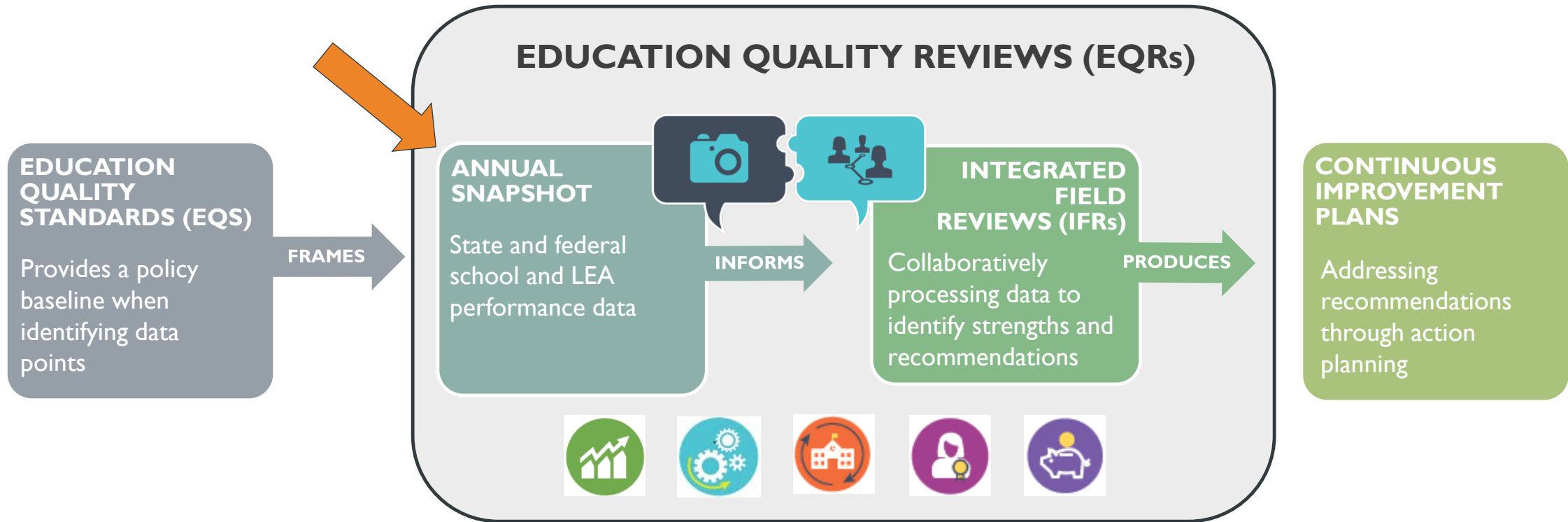
Today--Weighting Measures

Next Meeting--Accountability Standards for Schools

REVIEWING THE LAST SESSION




















- Emphasis in ESSA and Education Quality Review plans is placed on Continuous Improvement.
- Education Quality Reviews include:
 - Annual Snapshot- A dashboard of quantitative measures
 - Snapshot measures largely address elements required in statute and Rules
 - Integrated Field Reviews- local visits to Supervisory Unions/Districts
 - Integrated Field Reviews help us to understand what is happening in School Systems and Statewide

THE STATE PLAN FRAMES THESE INTERRELATIONSHIPS:



STATE OF VERMONT






















	Performance	Change	Equity Index	Equity Change
 Academic Proficiency				
 Personalization				
 Safe, Healthy Schools			N/A	N/A
 High Quality Staffing			N/A	N/A
 Investment Priorities			N/A	N/A

Please note that this a sample report card **ONLY**, presented here to demonstrate the concepts we intend to address. The actual product remains in development and will look substantially different than this version.

 Bull's Eye
  On Target
  Near Target
  Off Target

BURNT ROCK MOUNTAIN SUPERVISORY DISTRICT (PK-12)






















	Performance	Change	Equity Index	Equity Change
 Academic Proficiency				
 Personalization				
 Safe, Healthy Schools			N/A	N/A
 High Quality Staffing			N/A	N/A
 Investment Priorities			N/A	N/A

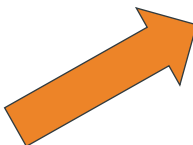
Please note that this a sample report card **ONLY**, presented here to demonstrate the concepts we intend to address. The actual product remains in development and will look substantially different than this version.

 Bull's Eye
  On Target
  Near Target
  Off Target

BURNT ROCK MOUNTAIN SUPERVISORY DISTRICT (PK-12)



	Performance	Change	Equity Index	Equity Change
 Academic Proficiency				
 Personalization				
 Safe, Healthy Schools			N/A	N/A
 High Quality Staffing			N/A	N/A
 Investment Priorities			N/A	N/A



Please note that this is a sample report card **ONLY**, presented here to demonstrate the concepts we intend to address. The actual product remains in development and will look substantially different than this version.

 Bull's Eye
  On Target
  Near Target
  Off Target

ACADEMIC PROFICIENCY—A CLOSER LOOK






















		Performance	Change		Performance	Change
	SBAC ELA (20%)				Graduation Rate (20%)	
	SBAC Math (20%)				English Proficiency (10%)	
	NGSS-aligned Science (5%)				CCR Assessment (10%)	
	Physical Education (5%)				Alumni Measure (10%)	

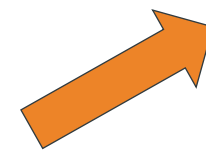
Please note that this is a sample report card **ONLY**, presented here to demonstrate the concepts we intend to address. The actual product remains in development and will look substantially different than this version.

Bull's Eye
 On Target
 Near Target
 Off Target

BURNT ROCK MOUNTAIN SUPERVISORY DISTRICT (PK-12)



	Performance	Change	Equity Index	Equity Change
 Academic Proficiency				
 Personalization				
 Safe, Healthy Schools			N/A	N/A
 High Quality Staffing			N/A	N/A
 Investment Priorities			N/A	N/A



Please note that this is a sample report card **ONLY**, presented here to demonstrate the concepts we intend to address. The actual product remains in development and will look substantially different than this version.

 Bull's Eye
  On Target
  Near Target
  Off Target

SBAC ELA – A CLOSER LOOK



Student Group	Scale	Growth	Overall
All Students			
American Indian or Alaska Native	Insufficient Data	Insufficient Data	Insufficient Data
Asian	Insufficient Data	Insufficient Data	Insufficient Data
African-American	Insufficient Data	Insufficient Data	Insufficient Data
Hispanic	Insufficient Data	Insufficient Data	Insufficient Data
Native Hawaiian or Pacific Islander	Insufficient Data	Insufficient Data	Insufficient Data
White			
English Learner			
Students with Free and Reduced Lunch			
Students with Disabilities			
Historically Marginalized Students			
Historically Advantaged Students			

Please note that this a sample report card **ONLY**, presented here to demonstrate the concepts we intend to address. The actual product remains in development and will look substantially different than this version.

PREPARING FOR STATE ACCOUNTABILITY

ESSA

- Required us to describe weights and measures in our accountability work- Vermont's response does this for the "Academic Proficiency"
- We will use the same approach for how we create that Domain at the State Level.

ESSA WEIGHTS (for a PK-12 system)

- ELA 20%
- Math 20%
- Science 5%
- PE 5%
- Graduation 20%
- EL 10%
- College and Career Ready Assessment 10%
- Alumni College and Career Outcomes 10%

WHAT ARE THE OTHER INDICATORS OF EDUCATION QUALITY?



Same as under No Child Left Behind:

- These measures are currently collected for other purposes

New Under Vermont EQR and ESSA:

- **New Data Collection: Staff and Student Climate Survey will be administered to assess these items.**



Personalization

1. Flexible Pathways
 - A. Participation
 - B. Offerings
2. Personalized Learning Plans
 - A. Creation
 - B. Satisfaction



High Quality Staffing

1. Licensed Teachers
2. Education Staff Stability
3. Staff Survey
 - A. Professional Development
 - B. Evaluation



Safe, Healthy Schools

1. Discipline Exclusion
2. Climate Survey
 - A. Student
 - B. Staff



Investment Priorities

1. EQS Staffing Ratio
2. Per Student Expenditure
3. Return on Investment

DISCUSSION- DOMAIN LEVEL SCORING

STATE ACCOUNTABILITY

- Options to create **Domain- level** reports
 - Write your name on a post-it
 - Straw Poll- Non-binding
 - Place it on poster #3
 - **NO WEIGHTING**- measures are equivalent within Domains, indicators are equivalent within measures
 - **WEIGHTING**- some measures are more important than others within Domains
 - Be prepared to describe why you placed it where you did

WEIGHTING EXAMPLES

- SAFE, HEALTHY SCHOOLS
 - **No Weighting**
 - Disciplinary Exclusion 50%
 - School Climate 50%
 - Student Perception 25%
 - Staff Perception 25%
 - **Weighting (example)**
 - Disciplinary Exclusion 25%
 - School Climate 75%
 - Student Perception 50%
 - Staff Perception 25%

NEXT STEPS

- AOE will take today's Board Discussion to formulate a plan for Domain Level Scoring for further discussion in October and decision in November
- AOE will prepare for October Board Presentation regarding application of Domain Scores to determinations for state level accountability

APPENDIX A- DETAILED DESCRIPTION OF MEASURES

WHICH SNAPSHOT INDICATORS ALSO MEET ESSA?



Academic Proficiency

1. Standards
 - A. Smarter Balanced ELA
 - B. Smarter Balanced Math
 - C. NGSS Science
 - D. PE/Fitness
2. English Language Proficiency
3. Graduation Rate
4. Career and College Ready
 - A. Assessments
 - B. Outcomes

ELA and Math

Same as under No Child Left Behind:

- Will use the Smarter Balanced Assessments for ELA and Math; will also use DLM equivalent

New Under Vermont EQR and ESSA:

- Will use scale score rather than proficiency
- Will introduce a three-year growth score to have equal weight with scale score
- Will test 9th grade rather than 11th grade

WHY SCALE AND NOT PERCENT PROFICIENT

Scale

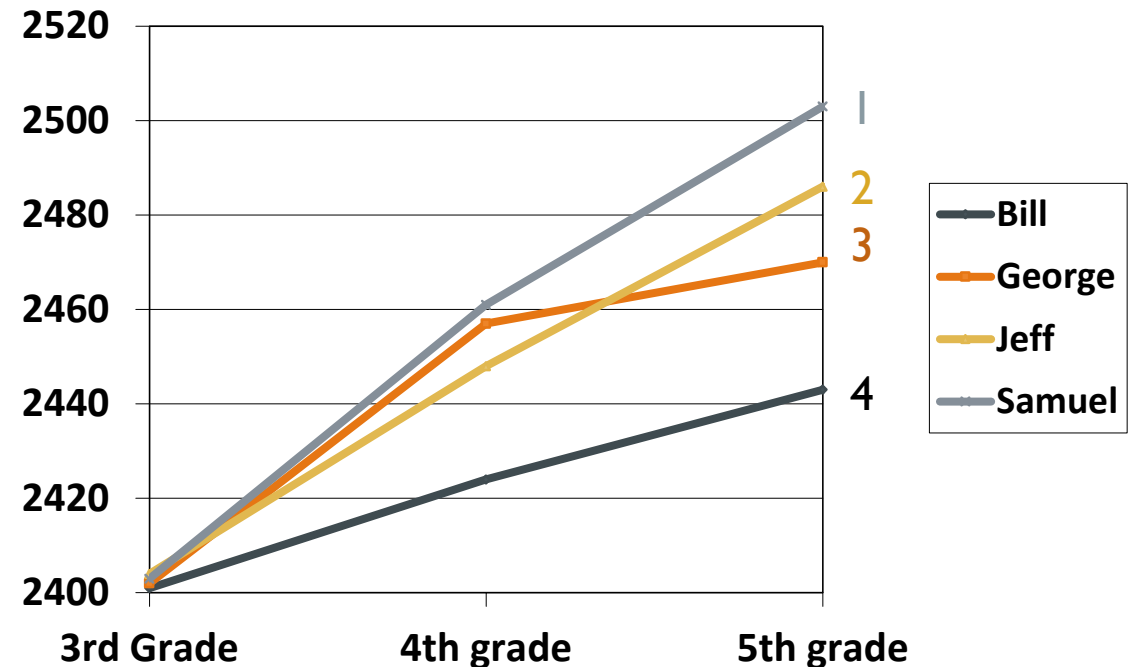
- **Every student** who improves their scale score, improves the standing of the school
- Incentivizes **supporting each and every student** to improve their performance
- Intentionally **recognizes improvement at all levels** of performance
- **Can report all data** if all students are proficient or are not without violating privacy rules.

Percent Proficient

- **Only students** who cross over the threshold for proficiency, improves the standing of the school
- Unintentionally incentivizes **supporting some students-** those who are nearest the threshold to become proficient, aka “bubble kids”
- **Fails to notice improvement** unless the student crosses the proficiency bar
- **Cannot report data** when 100% of students are proficient, or are not proficient, as this violates student privacy.

GROWTH SCORE

- Identify students who have similar scores in the starting grade
- Group all students in the state with similar profiles-
- Track their performance over 3 years
- Assign a relative score
- Average relative scores for all students in the grade level.
 - If school A taught Samuel and Jeff only their growth score would be 1.5;
 - If school B taught George and Bill only their growth score would be 3.5.



WHICH SNAPSHOT INDICATORS ALSO MEET ESSA?



Academic Proficiency

1. Standards
 - A. Smarter Balanced ELA
 - B. Smarter Balanced Math
 - C. **NGSS Science**
 - D. **PE/Fitness**
2. English Language Proficiency
3. Graduation Rate
4. Career and College Ready
 - A. Assessments
 - B. Outcomes

NGSS And PE



Same as under No Child Left Behind:

- Will still test science in 5, 8 and 11

New Under Vermont EQR and ESSA:

- NGSS aligned science assessment (in development)
- Science assessment will be used for accountability
- PE/Fitness assessment through Fitnessgram, grades to be determined

EQS CURRICULUM CONTENT AREAS AND ACCOUNTABILITY

EQS Content Area	Snapshot Data: Statewide Assessment and Grade(s) Administered (used for ESSA)  	Examined within an Integrated Field Review (state accountability model)
ELA	Smarter Balanced & DLM: 3-8, 9	Yes
Mathematics: Smarter Balanced & DLM	Smarter Balanced & DLM: 3-8, 9	Yes
Science	New NGSS Assessment: 5, 8, 11	Yes
Global Citizenship	No assessment	Yes
Physical Education	Fitness Gram: TBD	Yes
Health Education	No assessment	Yes
Fine Arts	No assessment	Yes
Transferable Skills	No assessment	Yes

WHICH SNAPSHOT INDICATORS ALSO MEET ESSA?



Academic Proficiency

1. Standards
 - A. Smarter Balanced ELA
 - B. Smarter Balanced Math
 - C. NGSS Science
 - D. PE/Fitness
2. English Language Proficiency
3. Graduation Rate
4. Career and College Ready
 - A. Assessments
 - B. Outcomes

English Language Proficiency

Same as under No Child Left Behind:

- Use of the ACCESS assessment- new version
- Measure both “becoming proficient” and making progress towards “proficient”

New Under Vermont EQR and ESSA:

- All students are screened using the same tool.
- Students can have different rates for reaching proficiency depending on starting level
- Embedded in Title I accountability- used to be separate

WHICH SNAPSHOT INDICATORS ALSO MEET ESSA?



Academic Proficiency

1. Standards
 - A. Smarter Balanced ELA
 - B. Smarter Balanced Math
 - C. NGSS Science
 - D. PE/Fitness
2. English Language Proficiency
3. **Graduation Rate**
4. Career and College Ready
 - A. Assessments
 - B. Outcomes

Graduation Rate

Same as under No Child Left Behind:

- 4-year cohort graduation rate
- Calculated the same way as NCLB

New Under Vermont EQR and ESSA:

- We have added a 6-year cohort graduation rate

WHICH SNAPSHOT INDICATORS ALSO MEET ESSA?



Academic Proficiency

1. Standards
 - A. Smarter Balanced ELA
 - B. Smarter Balanced Math
 - C. NGSS Science
 - D. PE/Fitness
2. English Language Proficiency
3. Graduation Rate
4. **Career and College Ready**
 - A. Assessments
 - B. Outcomes

Career and College Readiness

Same as under No Child Left Behind:

- None, a new measure

New Under Vermont EQR and ESSA:

- A measure looking at if students are ready for college and career based on a range of assessments
- A measure looking at if alumni are engaged in career or college within 16 months of graduation
- Collected via existing data systems or state data sharing agreements

WHAT ARE THE OTHER INDICATORS OF EDUCATION QUALITY?



Same as under No Child Left Behind:

- These measures are currently collected for other purposes

New Under Vermont EQR and ESSA:

- **New Data Collection: Staff and Student Climate Survey will be administered to assess these items.**



Personalization

1. Flexible Pathways
 - A. Participation
 - B. Offerings
2. Personalized Learning Plans
 - A. Creation
 - B. Satisfaction



High Quality Staffing

1. Licensed Teachers
2. Education Staff Stability
3. Staff Survey
 - A. Professional Development
 - B. Evaluation



Safe, Healthy Schools

1. Discipline Exclusion
2. Climate Survey
 - A. Student
 - B. Staff



Investment Priorities

1. EQS Staffing Ratio
2. Per Student Expenditure
3. Return on Investment