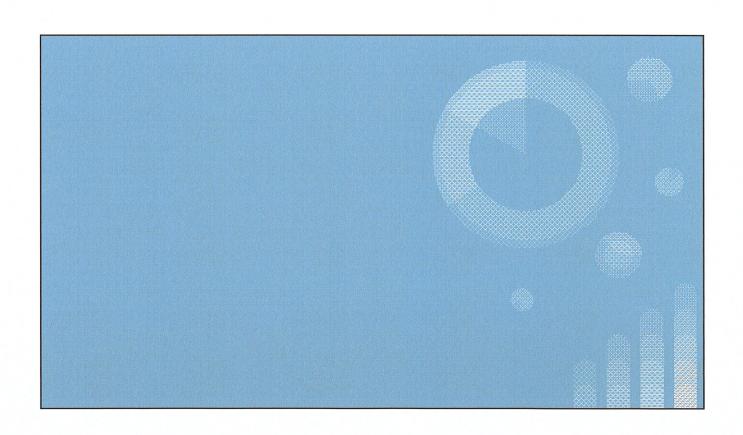




### **GRADE 3-8 5 Year Assessment Timeline**

- 2012-2013- MCAS
- 2013-2014- MCAS
- 2014-2015- PARCC Paper (3-8)
- 2015-2016- PARCC Paper (3-7) online (8)
- 2016-2017- MCAS 2.0 online
- 2017-2018- MCAS 2.0 online





## Non High school Accountability Weight

| Indicator                    | Measures   | Weighting (3:1) |       |  |  |
|------------------------------|--|-----------------|-------|--|--|
|                              |  | With EL         | No EL |  |  |
| Achievement                  | ELA, math, & science achievement   | 60%             | 67.5% |  |  |
| Student Growth               | ELA & math SGP   | 20%             | 22.5% |  |  |
| English Language Proficiency | Progress made by students towards attaining English language proficiency | 10%             |       |  |  |
| Additional Indicators        | Chronic absenteeism  | 10%             | 10%   |  |  |



## **High School Accountability Weight**

| Indicator                    | Measures  | Weightir | ng (3:1) |
|------------------------------|---|----------|----------|
|                              |   | With EL  | No EL    |
| Achievement                  | ELA, math, & science achievement  | 40%      | 47.5%    |
| Student Growth               | ELA & math SGP  | 20%      | 22.5%    |
| High School Completion       | Four-year cohort graduation rate Extended engagement rate Annual dropout rate | 20%      | 20%      |
| English Language Proficiency | Progress made by students towards attaining English language proficiency      | 10%      |          |
| Additional Indicators        | Chronic absenteeism Advanced coursework completion                            | 10%      | 10%      |

## Sample Accountability Determination

| Indicator                              | a train and in | All students (50%)    |        | Lowest        | performing student    | s (50%) |
|--|----------------|-----------------------|--------|---------------|-----------------------|---------|
|  | Points earned  | Total possible points | Weight | Points earned | Total possible points | Weight  |
| ELA scaled score                       | 3              | 4                     | -      | 2             | 4                     | -       |
| Math scaled score                      | 2              | 4                     | -      | 2             | 4                     | -       |
| Science achievement                    | 2              | 4                     | -      | -             | -                     | -       |
| Achievement total                      | 7              | 12                    | 60%    | 4             | 8                     | 67.5%   |
| ELA SGP                                | 4              | 4                     | -      | 4             | 4                     | -       |
| Math SGP                               | 3              | 4                     | -      | 4             | 4                     | -       |
| Growth total                           | 7.             | 8                     | 20%    | . 8           | 8                     | 22.5%   |
| EL progress                            | 2              | 4                     | 10%    | •             |                       | -       |
| Chronic absenteeism                    | 3              | 4                     | 10%    | 4             | 4                     | 10%     |
| Weighted total                         | 6.1            | 9.6                   | -      | 4.9           | 7.6                   | -       |
| Percentage of possible points          | 6              | 3.5%                  | -      | 6             | 4.5%                  | -       |
| Criterion-referenced target percentage |                | 1 S 2 S               | 64     | 1%            | 1.00                  |         |



# District- Not Requiring Assistance or Intervention

| Indicator                                  | All students<br>(Non-high school<br>grades) |                             |   | Lowest performing<br>students<br>(Non-high school<br>grades) |                             |    | All students<br>(High school grades) |                             |                  | Lowest performing<br>students<br>(High school grades) |          |             |
|--|---|-----------------------------|---|--|-----------------------------|----|--------------------------------------|-----------------------------|------------------|---|----------|-------------|
|  | Points<br>earned                            | Total<br>possible<br>points |   | Points<br>earned   | Total<br>possible<br>points |    |                                      | Total<br>possible<br>points |                  | Points<br>earned                                      |          | Weight<br>% |
| Weighted total                             | 3.2   | 9.6                         | - | 5.1  | 7.6                         | -  | 3.6                                  | 10.7                        | -                | 6.3   | 7.6      | -           |
| Percentage of possible points              | 3   | 3%                          | - | 6  | 7%                          | -  | 34                                   | 4%                          | -                | 8   | 3%       | -           |
| Percentage of possible points by gradespan |   | Weight of                   |   | %<br>school re   | sults: 70%                  |    |                                      | Weight (                    | 59<br>of high sc |   | ults:30% |             |
| Criterion-referenced target                |   |                             |   |  |                             | 53 | %                                    |                             |                  |   |          |             |
| percentage                                 | Partially meeting targets                   |                             |   |  |                             |    |                                      |                             |                  |   |          |             |



# 2018 Special Education Assistance Determination

### **Meets Requirements (MR)**

- Overall classification = "not requiring assistance or intervention" and criterionreferenced target percentage is greater than 49; and
- No outstanding concerns about compliance with state and federal obligations for special education

| (                                  | Overall results  Progress toward Improvement targets      |                                       |                  |   |          |                                   |   |   |
|------------------------------------|---|---------------------------------------|------------------|---|----------|-----------------------------------|---|---|
|                                    | Indicator   |                                       | All students     |   | Lowest   | performing st.<br>high school gra | dents                                       |   |
|                                    |   |                                       | Points<br>earned | high school gr<br>Total possibl<br>points | s Weight | (Non-<br>Points<br>sarned         | high school gra<br>Total possible<br>points |   |
|                                    |   | English language arts<br>achievement  | 2                | 4   | -        | -                                 | -   | - |
| •                                  | Achievement   | Mathematics achievement               | 1                | 4   | -        | -                                 | -   | - |
| Green                              |   | Science achievement                   | -                | -   | -        | -                                 | -   | - |
|                                    |   | Achievement total                     | 3                | . 8                                       | 90.0     | -                                 |   |   |
| Meadow Not Requiring Assistance or | Growth  | English language arts<br>growth       | -                | -   | -        | -                                 | -   | - |
|                                    | Growth  | Mathematics growth                    | -                | -   | -        | -                                 | -   | - |
|                                    |   | Growth total                          |                  |   |          |                                   | ·   |   |
|                                    | High school completion                                    | Four-year cohort<br>graduation rate   | -                | -   | -        | -                                 | -   | - |
| ntervention                        |   | Extended engagement rate              | -                | -   | -        | -                                 | -   | - |
|                                    |   | Annual dropout rate                   | -                | -   | -        | -                                 | -   | - |
|                                    |   | High school completion total          |                  | -   |          |                                   |   | • |
|                                    | Progress toward attaining English<br>language proficiency | English language<br>proficiency total |                  |   |          | •                                 |   |   |
|                                    |   | Chronic absenteeism                   | 0                | 4   | -        |                                   | -   | - |
|                                    | Additional indicators                                     | Advanced coursework completion        | -                | -   | -        | -                                 | -   | - |
|                                    |   | Additional indicators<br>total        | 0                | 4   | 10.0     | -                                 |   |   |
|                                    | Weighted total  |                                       | 2.7              | 7.6                                       | -        | •                                 |   | - |
|                                    | Percentage of possible points                             |                                       |                  | 36%                                       | -        |                                   | •   | - |
|                                    | Criterion-referenced target percentag                     |                                       |                  |   | 36       | %                                 |   |   |
|                                    | Criterion-referenced target percentag                     | şe.                                   |                  | Part                                      | ially me | etine tar                         | rets  |   |

|               | Progress toward Improvement targets                       |                                       |                  |                                  |        |                  |                                   | 111             |
|---------------|---|---------------------------------------|------------------|----------------------------------|--------|------------------|-----------------------------------|-----------------|
|               | Indicator   |                                       |                  | All students<br>high school grad |        | (Non-            | performing stu<br>high school gra | des)            |
|               |   |                                       | Points<br>earned | Total possible                   | Weight | Points<br>earned | Total possible points             | Weigh           |
|               |   | English language arts<br>achievement  | 2                | 4                                | -      | 0                | 4                                 | -               |
| pm            | Achievement   | Mathematics achievement               | 3                | 4                                | -      | 3                | 4                                 |                 |
| Fowler        |   | Science achievement                   | 0                | 4                                |        |                  | -                                 | -               |
| 0 00 101      |   | Achievement total                     | 5                | 12                               | 67.5   | 3                | 8                                 | 67.5            |
| School        | Growth  | English language arts<br>growth       | 2                | 4                                | -      | 2                | 4                                 | -               |
| 1 - 1 D 1 - 1 | Growth  | Mathematics growth                    | 2                | 4                                | -      | 2                | 4                                 |                 |
| Not Requiring |   | Growth total                          | 4                | 8                                | 22.5   | 4                | 8                                 | 22.5            |
| Assistance or |   | Four-year cohort<br>graduation rate   | -                | -                                | -      | -                | -                                 | -               |
| ntervention   | High school completion                                    | Extended engagement rate              | -                | -                                | -      |                  | -                                 |                 |
|               |   | Annual dropout rate                   | -                | -                                | -      | -                | -                                 | -               |
|               |   | High school completion total          |                  | -                                | •      |                  | •                                 | -               |
|               | Progress toward attaining English<br>language proficiency | English language<br>proficiency total |                  | •                                |        |                  |                                   | 1 (g <b>-</b> ) |
|               |   | Chronic absenteeism                   | 0                | 4                                | -      | 2                | 4                                 | -               |
|               | Additional indicators                                     | Advanced coursework completion        | -                | -                                | -      | -                | -                                 | -               |
|               |   | Additional indicators total           | 0                | 4                                | 10.0   | 2                | 4                                 | 10.0            |
|               | Weighted total  |                                       | 4.3              | 10.3                             | -      | 3.1              | 7.6                               | -               |
|               | Percentage of possible points                             |                                       |                  | 42%                              |        |                  | 41%                               | -               |
|               | Criterion-referenced target percentage                    |                                       |                  |                                  | 42     | %                |                                   |                 |

|                             | Progress toward improvement targets  |                                       |                  |                                 |          | 1  |                |      |
|-----------------------------|--|---------------------------------------|------------------|---------------------------------|----------|--|----------------|------|
|                             | Indicator  |                                       |                  | All students<br>oh school grade | 0        | Lowest performing students<br>(High school grades) |                |      |
|                             |  |                                       | Points<br>earned | Total possible                  |          | Points<br>earned                                   | Total possible |      |
|                             |  | English language arts achievement     | 3                | 4                               | -        | 4  | 4              | -    |
|                             | Achievement  | Mathematics achievement               | 2                | 4                               | -        | 4  | 4              | -    |
|                             | The state of the s | Science achievement                   | 1                | 4                               | -        | 4  | 4              | -    |
| 11 - II-                    | Company of the second second   | Achievement total                     | 6                | 12                              | 47.5     | 12   | 12             | 67.5 |
| High<br>School              | Growth   | English language arts growth          | 1                | 4                               | -        | 1  | 4              | -    |
| Calaaal                     | Growth   | Mathematics growth                    | 2                | 4                               | -        | 1  | 4              | -    |
| scnool                      | فتراوح والمستوال والمتعارض   | Growth total                          | 3                | 8                               | 22.5     | 2  | 8              | 22.5 |
| equiring                    |  | Four-year cohort graduation rate      | 3                | 4                               | -        | -  | -              | -    |
| Assistance or               | High school completion   | Extended engagement rate              | O                | 4                               | -        | -  | -              | -    |
|                             | ingli school completion  | Annual dropout rate                   | 0                | 4                               | -        | _  | -              | -    |
| ntervention-<br>ow Subgroup |  | High school completion total          | 3                | 12                              | 20.0     | 11   |                |      |
| Performance                 | Progress toward attaining English<br>language proficiency  | English language<br>proficiency total | Ī                |                                 |          |  | •              | •    |
| ligh Needs                  |  | Chronic absenteeism                   | 0                | 4                               | -        | 4  | 4              | -    |
| ngii iiccos                 | Additional indicators  | Advanced coursework completion        | 2                | 4                               | -        | -  | -              | -    |
|                             |  | Additional indicators total           | 2                | 8                               | 10.0     | 4  | 4              | 10.0 |
|                             | Weighted total   |                                       | 4.3              | 10.7                            | -        | 9.0  | 10.3           | -    |
|                             | Percentage of possible points  |                                       |                  | 40%                             | -        |  | 87%            | -    |
|                             | Criterion-referenced target percentag  | 10                                    |                  |                                 | 64       | %  |                |      |
|                             | Criterion-referenced target percentag  | SC.                                   |                  | Parti                           | ally mee | eting ta   | rgets          |      |



### **Accountability Highlights ELA**

3-8

- Achievement
  - Improved below target or met target for all subgroups
- Growth
  - Below target for all subgroups

#### High School

- Achievement
  - Exceeded Target for Lowest Performing Subgroup
  - Met or Improved below target for most subgroups
  - No change for white subgroup
- Growth
  - Below Target for all Subgroups



## **Accountability Highlights Math**

3-8

- Achievement
  - Exceeded Target -Lowest Performing, High Need, & Economically Disadvantaged
  - Improved Below Target for All Students & White students
- Growth
  - Below or met target for all subgroups

#### High School

- Achievement
  - Exceeded Target for Lowest Performing, High Need, & Economically Disadvantaged
  - Met or Improved below target for most subgroups
  - No change for All Students subgroup
  - o Decline for White students
- Growth
  - Below Target for all Subgroups



### **Accountability Highlights Science**

### Grades 3-8

- Achievement
  - Decline for all Subgroups

### **High School**

- Achievement
  - Met Target for High Need
  - Decline for all Students,
     White Students
  - No Change for Economically Disadvantaged



### Other Accountability Measures

# Growth based on District Action

- Participation- MET
  - Thank you, families and staff!
- 4 Year cohort Graduation Rate- Exceeded for all groups

### Areas of Focus

- Chronic Absenteeism
  - 3-8 Declined for All Students, Economically Disadvantaged
  - 10 Exceeded for Lowest Performing Subgroup Decline for All, Economically Disadvantaged
- High School Advanced Coursework
  - All Students and White Students below target
  - High Need and Economically Disadvantaged declined





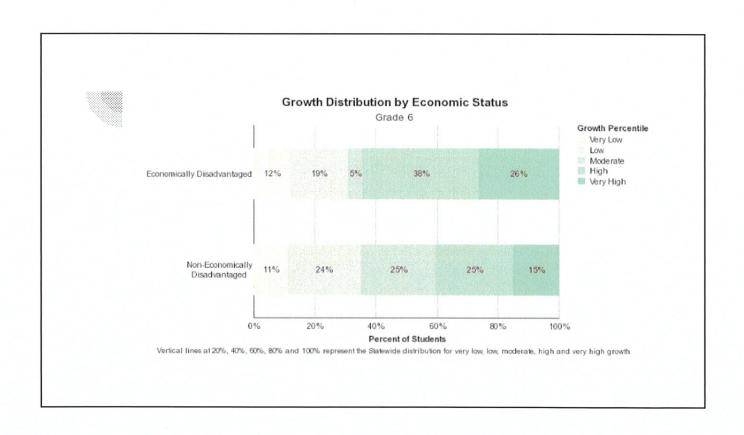
# **High Need Subgroup**

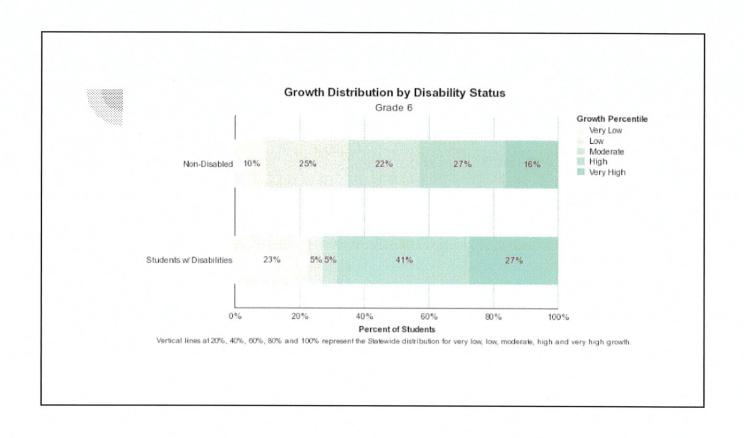
- Students in the following demographic groups
  - Special Education
  - o Economically Disadvantaged
  - English Learner
  - Former English Learner

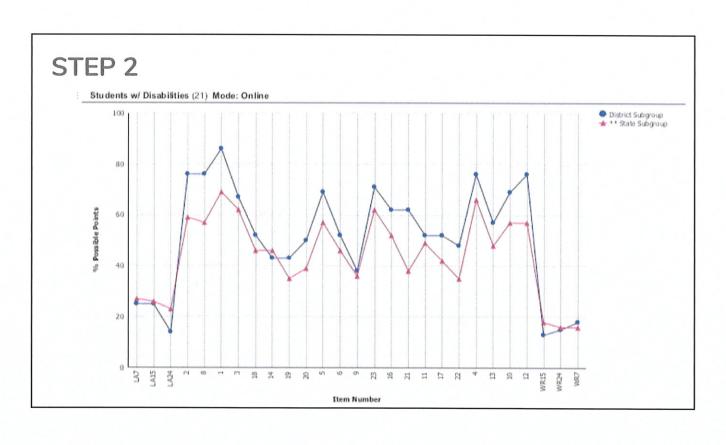
## Step 1

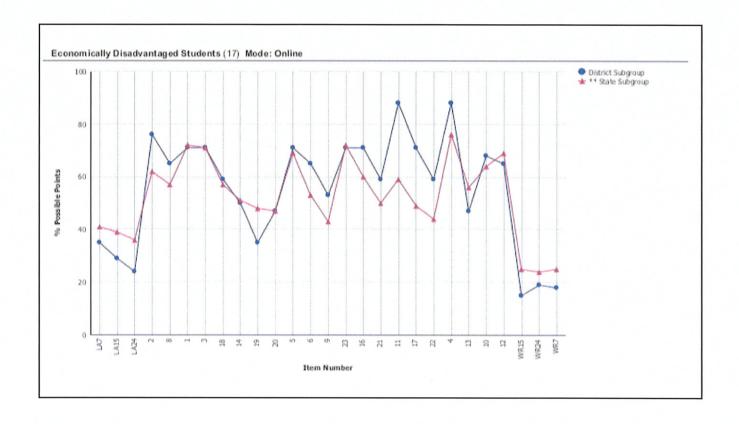
| Grades | 3-8 | - English | Language | Arts |
|--------|-----|-----------|----------|------|
|--------|-----|-----------|----------|------|

|   | % Meeting or Exceeding<br>Expectations | % Exceeding<br>Expectations | % Meeting<br>Expectations | % Partially Meeting<br>Expectations | % Not Meeting<br>Expectations | Average SS | N Included | Mean SGP | N Included in<br>Mean SGP |
|---|--|-----------------------------|---------------------------|-------------------------------------|-------------------------------|------------|------------|----------|---------------------------|
| All Students                            |  |                             |                           |                                     |                               | 1型建筑设置     |            |          |                           |
| All Students                            | 45                                     | 3                           | 42                        | 45                                  | 11                            | 496.0      | 617        | 41.8     | 490                       |
| Economic Status                         |  |                             |                           |                                     |                               |            |            |          |                           |
| Economically Disadvantaged              | 25                                     | 0                           | 25                        | 47                                  | 27                            | 484.6      | 118        | 39.3     | 85                        |
| Non-Economically Disadvantaged          | 49                                     | 4                           | 45                        | 44                                  | 7                             | 498.7      | 499        | 42.3     | 405                       |
| Disability Status                       |  |                             |                           |                                     |                               | CONTROL OF |            |          |                           |
| Students w/ Disabilities                | 15                                     | 0                           | 15                        | 51                                  | 34                            | 480.3      | 121        | 36.0     | 93                        |
| Non-Disabled                            | 52                                     | 4                           | 48                        | 43                                  | 5                             | 499.8      | 496        | 43.2     | 397                       |
| English Language Learner (EL)<br>Status |  |                             |                           |                                     |                               |            |            |          |                           |
| EL                                      | 13                                     | 0                           | 13                        | 48                                  | 39                            | 476.0      | 23         |          | 10                        |
| Non-EL                                  | 46                                     | 3                           | 43                        | 45                                  | 9                             | 496.8      | 594        | 41.4     | 480                       |
| Race/Ethnicity                          |  |                             |                           |                                     |                               | 100 10107  |            |          |                           |
| African Amer./Black                     | 45                                     | 0                           | 45                        | 35                                  | 20                            | 491.5      | 20         |          | 14                        |
| Amer. Ind. or Alaska Nat.               |  |                             |                           |                                     |                               |            | 1          |          | 1                         |
| Asian                                   |  |                             |                           |                                     |                               |            | 9          |          | (                         |
| Hispanic/Latino                         | 25                                     | 3                           | 23                        | 49                                  | 25                            | 484.9      | 71         | 43.6     | 56                        |
| Multi-Race, Non-Hisp /Lat.              | 42                                     | 0                           | 42                        | 48                                  | 9                             | 496.8      | 33         |          | 18                        |
| White                                   | 47                                     | 3                           | 44                        | 44                                  | 8                             | 497.6      | 483        | 42.1     | 395                       |
| Gender                                  | Care Live to the first                 |                             |                           |                                     |                               |            |            |          |                           |
| Male                                    | 34                                     | 1                           | 33                        | 51                                  | 15                            | 490.9      | 313        | 38.3     | 249                       |
| Female                                  | 56                                     | 5                           | 51                        | 38                                  | 6                             | 501.3      | 304        | 45.4     | 241                       |





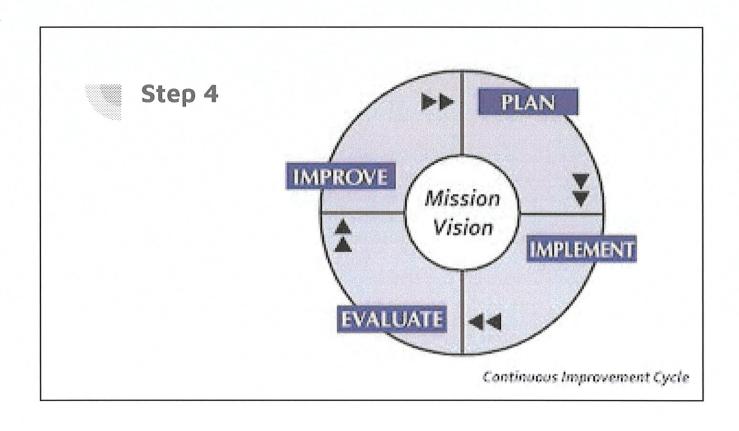


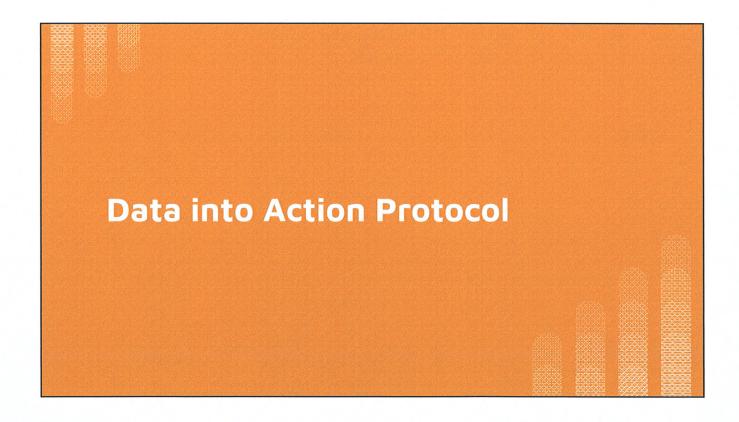


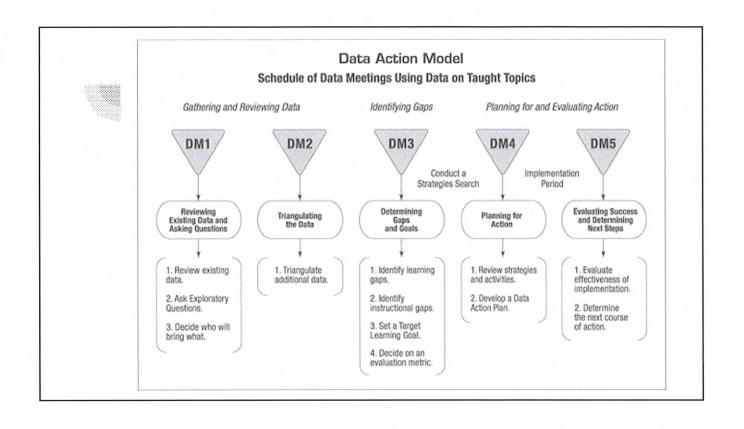


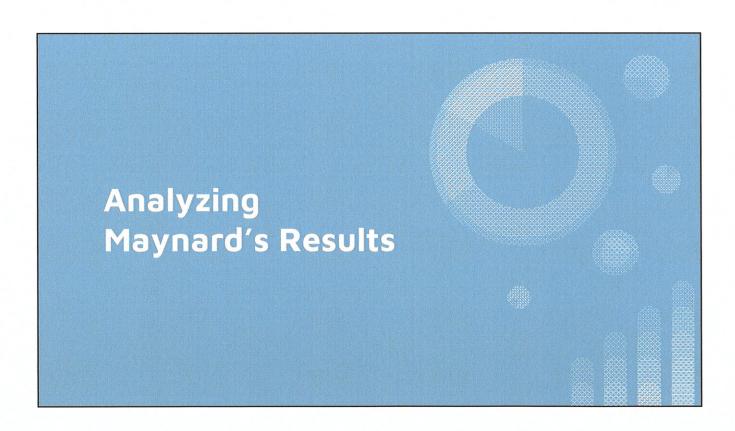
### Step 3

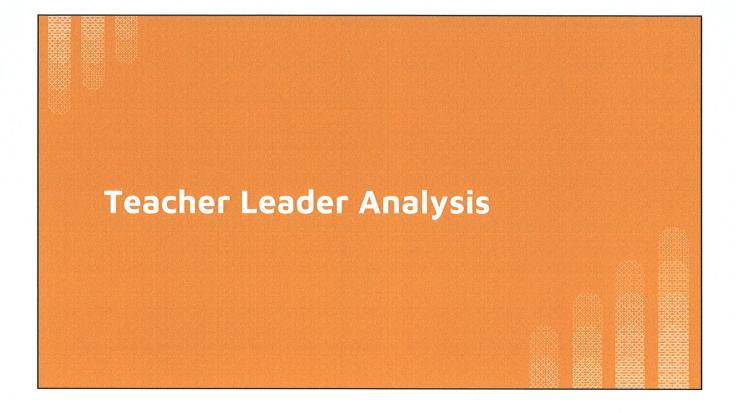
- Instructional Leadership Team uses that analysis to identify and implement
  - Short term growth strategies
  - Long term growth strategies













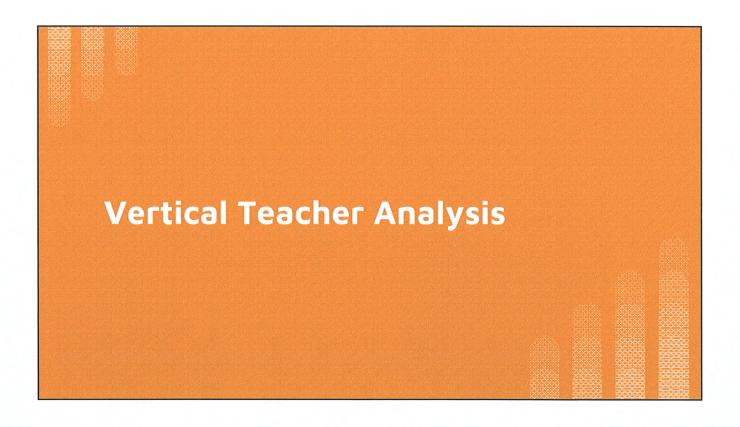
### **Notice**

- 85% of students in the economically disadvantaged subgroup are not meeting expectations
- In grades 3-5 more boys are meeting or exceeding expectations than girls. In grades 6-8 more girls are doing so
- The percentage of male students who meet or exceed expectations in ELA declines from Grade 5 (42%), Grade 6 (31%) Grade 7 (18%)



### Wonder

- Is more instructional time spent on ELA than Math?
- Does EL Subject area instruction need improvement?
- Why boys' ELA achievement declines dramatically?
- Why EL students are disproportionately not meeting expectation?
- What is the attendance data for subgroups?
- Why is Physics the high school test given the 8th grade math scores?
- If practice test are used in all grades?





### **Notice: Areas of Growth**

English/Lang. Arts

#### Math

#### Science

- Domains/Standards
  - Reading: Key ideas & details
  - Reading:

     Integration of
     Knowledge &
     Ideas
- Question Type
  - Short Answer
  - Selected Response
- Domains/Standards
  - Number System
  - Number & Operations Base 10
  - Geometry

- Domains/Standards (Gr 8)
  - o Earth & Space Science
  - Life Science



## **Notice: Areas of Consistency**

English/Lang Arts

- Question Type
  - SelectedResponse
- Domains/Standards
  - Reading
  - Vocabulary use& Acquisition

Math

- Question Type
  - SelectedResponse
- Domains/Standards

Science

- Question Type
  - Multiple Choice
  - Open Response
- Grade 8
  - Physical Sciences
  - Technology/Engineering
- High School Physics
  - Conservation of Energy & Momentum
  - Electromagnetic Radiation
  - Electromagnetism
  - o Heat and Heat Transfer
  - Motion & Forces
  - Waves



### **Notice: Areas of Focus**

#### English/Language Arts

- Question Type
  - Essay
  - Constructed Response
- Domains/Standards
  - Language: Conventions of Standard English
  - Writing: Text Types & Purposes

#### Math

- Question Type
  - Constructed Response & Short answer for students in sub groups
- Domains/Standards
  - Number & Operations: Fractions



### Notice Areas of Focus: Science

- General Achievement
  - o Subgroups are struggling to meet expectations
    - English Learner
    - Special Education
- Test Specific
  - o Grade 5- results indicate need to finalize curriculum K-5
  - High School-consistent with last year's performance



### **Exploratory Question**

After analyzing the 2018 Math MCAS data, here is the exploratory question we will examine this year:

If we target foundational math skills, can we close gaps and improve learning?

The data points we will use to answer the exploratory question are, (but not limited to):

Khan Academy, Reflex Math, Zearn, Go Math, Pre-Test/Post-Test

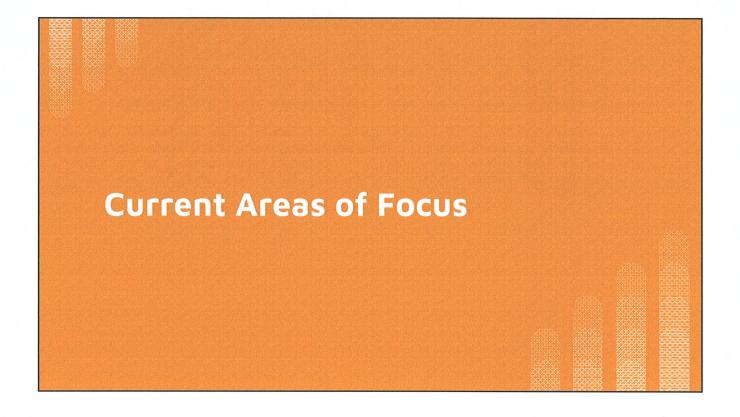
Our second data meeting will be in January. Be sure to gather data consistently until our next meeting. Student work should be included in your collection. Student names should be left off of the data. We are reviewing the data in relationship to the exploratory question. Since we are looking at whether working on math fact fluency closed gaps in learning, the data should include more than just math fact fluency data. Did working on math fact fluency improve student learning involving one-step equations? Involving ratios?

At our second data meeting, we will analyze the data and generate a list of gaps: Observed learning gaps and observed instructional gaps.



### Feedback from Staff on Process

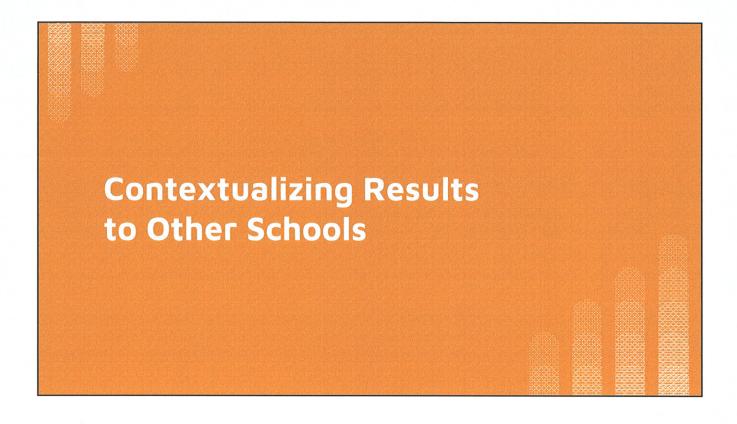
- Overwhelming amount of Data
- Desire for administrative overview
- More Vertical Meetings are needed
- Professional Development
  - Data analysis
  - How to use that data to impact student growth
  - o Subject specific strategies based on the data





# How we are responding to the following challenges:

- Technology's impact
- Writing Skills
- High level questions
- English & Math curriculum challenges
- Use of data to improve student outcomes



| Demographic<br>Comps     | G 3-8 I | Proficier | nt/Advan | ced     | G 10 Proficient/Advanced |        |         |        |  |
|--------------------------|---------|-----------|----------|---------|--------------------------|--------|---------|--------|--|
| Town                     | ELA 17  | ELA 18    | Math 18  | Math 19 | ELA 17                   | ELA 18 | Math 17 | Math18 |  |
| Blackstone-<br>Millville | 45      | 44        | 41       | 40      | 89                       | 88     | 77      | 78     |  |
| Lunenburg                | 49      | 51        | 54       | 53      | 93                       | 98     | 90      | 83     |  |
| Maynard                  | 41      | 45        | 41       | 40      | 91                       | 88     | 77      | 75     |  |
| Nantucket                | 37      | 41        | 34       | 30      | 91                       | 90     | 66      | 75     |  |
| Seekonk                  | 64      | 62        | 60       | 57      | 96                       | 92     | 86      | 78     |  |
| Stoneham                 | 57      | 62        | 49       | 52      | 96                       | 93     | 85      | 79     |  |
| Swampscott               | 60      | 65        | 58       | 57      | 98                       | 96     | 94      | 89     |  |
| W. Boylst.               | 60      | 57        | 57       | 57      | 98                       | 90     | 89      | 81     |  |

| Demographic Comps    | G 3-8 Mea | ın SGP  | G 10 Mea | n SGP  |
|----------------------|-----------|---------|----------|--------|
| Town                 | ELA 18    | Math 18 | ELA 18   | Math18 |
| Blackstone-Millville | 42.2      | 49.3    | 50.4     | 47.2   |
| Lunenburg            | 47.6      | 54.2    | 46.5     | 50.5   |
| Maynard              | 41.8      | 48.1    | 34.1     | 43.7   |
| Nantucket            | 60.3      | 50.9    | 63.5     | 55.3   |
| Seekonk              | 49.8      | 52.2    | 44.8     | 36.2   |
| Stoneham             | 57.9      | 60.7    | 60.7     | 39.9   |
| Swampscott           | 44.8      | 49.0    | 43.2     | 45.2   |
| West Boylston        | 56.0      | 51.6    | 60.3     | 46.8   |

| Ability to<br>Pay   | G 3-8  | Proficie | nt/Adva | nced | G 10 Proficient/Advanced |        |         |         |  |  |
|---------------------|--------|----------|---------|------|--------------------------|--------|---------|---------|--|--|
| Town                | ELA 17 | ELA 18   | Math 17 | Math | ELA 17                   | ELA 18 | Math 17 | Math 18 |  |  |
| Georgetown          | 62     | 61       | 57      | 53   | 98                       | 97     | 90      | 89      |  |  |
| Lunenburg           | 49     | 51       | 54      | 53   | 93                       | 98     | 90      | 83      |  |  |
| Maynard             | 41     | 45       | 41      | 40   | 91                       | 88     | 77      | 75      |  |  |
| Millis              | 49     | 60       | 57      | 60   | 98                       | 95     | 91      | 88      |  |  |
| Sutton              | 58     | 63       | 53      | 55   | 94                       | 97     | 85      | 92      |  |  |
| Tyngsborou<br>gh    | 51     | 54       | 53      | 51   | 98                       | 98     | 94      | 91      |  |  |
| West<br>Bridgewater | 56     | 57       | 49      | 47   | 99                       | 99     | 84      | 86      |  |  |

| Ability to Pay   | G 3-8 Mear | n SGP   | G 10 Mean SGP |         |  |
|------------------|------------|---------|---------------|---------|--|
| Town             | ELA 18     | Math 18 | ELA 18        | Math 18 |  |
| Georgetown       | 49.3       | 43.2    | 63.6          | 65.7    |  |
| Lunenburg        | 47.6       | 54.2    | 46.5          | 50.5    |  |
| Maynard          | 41.8       | 48.1    | 34.1          | 43.7    |  |
| Millis           | 58.3       | 56.2    | 54.2          | 60.6    |  |
| Sutton           | 54.6       | 56.4    | 52.5          | 63.8    |  |
| Tyngsborough     | 46.4       | 48.5    | 46.8          | 49.3    |  |
| West Bridgewater | 48.7       | 43.2    | 41.9          | 52.8    |  |

| Regional<br>Comps | G 3-8 Proficient/Advanced |        |         |         | G 10 Proficient/Advanced |        |         |         |
|-------------------|---------------------------|--------|---------|---------|--------------------------|--------|---------|---------|
| Town              | ELA 17                    | ELA 18 | Math 17 | Math 18 | ELA 17                   | ELA 18 | Math 17 | Math 18 |
| Acton/Box.        | 71                        | 73     | 75      | 77      | 97                       | 99     | 95      | 96      |
| AMSA              | 75                        | 70     | 74      | 67      | 100                      | 100    | 99      | 99      |
| AVRTVHS           |                           |        |         |         | 97                       | 96     | 78      | 80      |
| Concord- Carlisle | 80                        | 78     | 79      | 77.5    | 98                       | 99     | 98      | 92      |
| Hudson            | 50                        | 52     | 50      | 50      | 96                       | 95     | 80      | 85      |
| Lincoln-Sudbury   | 62                        | 65.5   | 62      | 66.5    | 98                       | 94     | 96      | 95      |
| Littleton         | 65                        | 68     | 60      | 61      | 97                       | 94     | 94      | 90      |
| Maynard           | 41                        | 45     | 41      | 40      | 91                       | 88     | 77      | 75      |
| Nashoba           | 69                        | 73     | 71      | 72      | 97                       | 95     | 94      | 90      |

| Regional Comps Town | G 3-8 Mean SGP |         | G 10 Mean SGP |         |  |
|---------------------|----------------|---------|---------------|---------|--|
|                     | ELA 18         | Math 18 | ELA 18        | Math 18 |  |
| Acton- Boxborough   | 58.9           | 58.8    | 62.0          | 63.1    |  |
| AMSA                | 53.5           | 47.4    | 68            | 71.6    |  |
| AVRTVHS             |                |         | 57.1          | 63.3    |  |
| Concord- Carlisle   | 53.35          | 52.85   | 50.7          | 48.4    |  |
| Hudson              | 53.6           | 50.6    | 56.9          | 61.3    |  |
| Lincoln-Sudbury     | 53.75          | 52.1    | 37.1          | 51.0    |  |
| Littleton           | 59             | 52      | 55.2          | 70.6    |  |
| Maynard             | 41.8           | 48.1    | 34.1          | 43.7    |  |
| Nashoba             | 56             | 58      | 62.1          | 49.8    |  |