

**Franklin School Committee  
Minutes  
December 8, 2015  
Municipal Building – Council Chambers**

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Verizon Channel 29

This meeting's audio was recorded by Steve Sherlock for Franklin Matters

Call to order: 7:00 p.m.

Dr. O'Malley

Dr. O'Malley read the District's Vision Statement.

Pledge of Allegiance: Jamie Tanner – Fifth Grader from Oak Street Elementary School

Attendance: Mrs. Bilello, Mrs. Scofield (arriving at 7:08 p.m.), Dr. Bergen, Mrs. Douglas, Dr. O'Malley, Mrs. Schultz, Dr. Jewell, were present. Also present were Maureen Sabolinski, Superintendent of Schools, Miriam Goodman, School Business Administrator and Joyce Edwards, Assistant Superintendent of Teaching & Learning. Mr. Peter Light, Franklin High School Principal, Brian Wildeman, Remington Middle School Principal, Danielle Champagne, Assistant Principal Remington Middle School, Beth Wittcoff, Annie Sullivan Middle School Principal, Elizabeth Morrison, Assistant Principal Annie Sullivan Middle School, Rebecca Motte, Horace Mann Middle School Principal, Ms. Corine Minkle, Oak Street Elementary School Principal, Ms. Kathleen Gerber, Assistant Principal, Oak Street Elementary School, Mr. Eric Stark, Principal, Keller Elementary School, Ms. Kate Peretz, Assistant Principal, Keller Elementary school, Ms. Joan Toye, Principal, J.F. Kennedy Elementary School, Mr. Thomas Morris, Principal, Parmenter Elementary School, Shannon Barca, Assistant Principal, Parmenter Elementary School, Linda Ashley, Principal, Jefferson Elementary school, Ms. Evemarie McNeil, Principal, Davis Thayer Elementary School, Paula Marano, Intern, Chandler Creedon, School Psychologist, Gretchen Carr, Vice President, FEA, Sue Streeter and Mark Berthiume, several parents and children involved in the Best Buddies program

Moment of Silence:

A moment of silence was observed.

**1. Routine Business**

- Citizens Comments: None
  
- Review of Agenda: None
  
- Minutes: I recommend approval of the minutes from the October 27, 2015 meeting, the November 10, 2015 Organizational meeting and the November 30, 2015 training session.  
Motion: Mrs. Douglas Second: Dr. Jewell  
Approve: 6 Oppose: 0
- Payment of Bills – Dr. O'Malley reviewed the bills and certify for payment.

- Payroll - Mrs. Douglas reviewed the payroll, found it to be in order and recommended acceptance.
- Correspondence: Budget to Actual – None

FHS Student Representatives: Alana Lynch advised the Committee wrapped up a very successful spirit week and pep rally. Each grade is holding their own fundraisers. The Student Government would match the grade that made the most for their fundraiser. The sophomore class raised the most of \$500 so the Student Government as a whole matched it and also made a donation of \$500 to Light up a Life. Working on a new food policy, working with Mr. Light and Mr. Peri to come up with proposals and hope to conclude in the next few weeks.

Julie Harrington advised the Committee that the High School is raffling off Bruins Tickets. The game will be on January 26<sup>th</sup>, 2016. The tickets are \$10 for 1 and \$15.00 for 2 tickets. Peer Leadership is raising money for the Santa Foundation. They are short on their goal of \$10,000.00 and would like to reach out to families as well as students to send in any spare change so they can buy gifts for children who otherwise would not have any.

## **2. Guests/Presentations:**

### **a. Best Buddies Grants – Sue Streeter and Mark Berthiume explained what the Best Buddies is all about and also presented Grants to the High School, Middle Schools and Keller Elementary Best Buddies Programs.**

Dr. O'Malley commented that the Best Buddies is one of the best programs in the school system to connect with people and we do it better than most.

Ms. Streeter gave a brief overview of the Best Buddies program to the new School Committee members.

Ms. Streeter noted that this is the 8<sup>th</sup> time the Best Buddies program has been before the School Committee and they have 31 grants to distribute with \$15,000 worth of programs.

Mr. Berthiume noted that the Town of Franklin has a lot of generous people in the Town and who have made this possible for Best Buddies.

Ms. Streeter advised the committee that Best Buddies made a partial funding of \$2,300 for the Unified Track Team at the High School.

Ms. Sabolinski noted that the request to approve this new activity (Unified Track) will come before the School Committee for approval in January.

Ms. Streeter notes since 2008 when she and Mark started the grant program, Friends of Best Buddies awarded 151 grants totaling just under \$75,000.00. It does not occur without the support of the Community especially Ms. Sabolinski, the Principals and advisors at each of the schools. Mr. Berthume also noted that Best Buddies is grateful to Franklin, just the fact that we have 5 chapters, it is like no other group in the Country that is why we have an elementary chapter. Ms. Streeter noted that they are trying to work with Dean College to establish a chapter for the students who are no longer in school.

Ms. Sabolinski noted that they are working with the Town to work on some affordable housing for our older best buddies.

Thank you to Sue and Mark for the work that they do for Best Buddies. Thank you to the families.

Mrs. Douglas, thank you very much, a lot of hard work. It is paying off.

Dr. O'Malley, this is the kind of amazing news that we want to see and we want the community know. On behalf of the school committee and the community we are thankful for you and appreciate it.

#### **Two minute recess**

- b. Snow Presentation – DPW – Brutus Cantoreggi and Carlos Rebello presented an overview of how snow removal is handled in the Town of Franklin.**

#### **See Power Point Attached.**

Ms. Sabolinski advised the Committee that Mr. Cantoreggi and Mr. Rebello will present an overview as it is important to let folks know how the decisions are made and the process.

Mr. Cantoreggi introduces his 'best buddy' Carlos. Carlos is also responsible for all your fields in Town. The Franklin fields are by far the best. Carlos and his crew do a great job.

Ms. Sabolinski notes that the snow letter will be sent out soon.

Dr. O'Malley, one thought last year was a herculean to keep the schools open. Going to school late in June is not fun. So, thank you.

Mr. Cantoreggi noted that the DPW shovels your roofs.

Ms. Sabolinski notes that in the snow letter, there is a suggestion to not let young drivers drive to school. They can take the bus, to keep everyone safe.

Dr. Jewell would like to remind the Community to plow/shovel their own sidewalks so the kids can walk on them to get to the bus.

Dr. O'Malley notes that the School Department is deeply indebted to the DPW and thanks the DPW and their crew.

**c. PARCC/MCAS Update – Joyce Edwards – presented a power point of the PARCC/MCAS Update to the Committee – See power point attached.**

Dr. O'Malley notes that the School Districts of the State were handed a serious shock when the State changed its direction with very little notice, with what they are calling MCAS 2.

Dr. O'Malley notes he has been a proponent of testing of student to ascertain their level of achievement. He notes relative to the State average and our average, our tests compare with the nation and to be above the state average is certainly something the school system needs to take pride in and need to be congratulated.

Mrs. Douglas, thank you for the presentation. Do we have dates for the windows of testing?

Ms. Edwards advised that the PARCC would begin for grades 3-8 after April vacation and continue through the first week in June. There will be a test calendar developed in January.

Dr. Bergen thanked Ms. Edwards for the presentation. Is the data used to also to point out the strengths of the kids?

Ms. Edwards noted through the school budget and the previous school committee we were able to fund Math Specialists at each school. We are able to focus on the high achievers as well as the remedial students.

Dr. Bergen, one other question, what does held harmless mean?

Ms. Edwards informs the Committee it is the District that is held harmless, not the students and that it has to do with accountability. We are a Level 2 district. Out of 5 accountability levels with level 1 being the highest.

Dr. O'Malley asked for clarification that the High School will continue to take high stakes test.

Ms. Bilello, you received your data later than students with MCAS so how are you grappling with that as district leaders and teachers in order to do instructional programing.





Motion: Mrs. Douglas  
Approve: 7

Seconded: Mrs. Scofield  
Opposed: 0

- m. I recommend approval of the request of Peter Light for Strive students to travel to the Stadium Theater in Woonsocket, RI for a viewing of Peter Pan on February 21, 2016 as detailed.

Motion: Mrs. Douglas  
Approve: 7

Seconded: Mrs. Scofield  
Opposed: 0

- n. I recommend approval of the request of Mr. Light for new clubs with associated activity accounts as detailed.

Ms. Sabolinski notes that this is a new requirement when any new club or activity is added it does need to be approved.

Motion: Mrs. Douglas  
Approve: 7

Seconded: Mrs. Scofield  
Opposed: 0

## 5. Information Matters:

- **Superintendent's Report:**

Ms. Sabolinski announced through the Attorney General's Office and the New England Patriot's Franklin has been selected to participate in the game change program/violence prevention program. There will be some training for students and teachers.

Ms. Sabolinski informed the Committee of the students who attended the District Music Festival would like to highlight several students who attended the Central Music Andrew Rizoli, Sophia Addi, Cameron Cawley, Matt Dao, Brian LaRowe, Augustine Marzoratti, Brendan McWalter, Rebecca Rondeau, Ian Carle, Christopher Chen, Katelyn Davenport, Sam Friday, and Domenic Narducci. As our music program continues to grow, more and more students are attending the Central Music Festival.

Mrs. Winslow is not here tonight, she is at the SAFE meeting representing the School District with Paul Peri and Kristen Cerce.

Our snow letter will probably go out closer to the holidays, it will be posted on Website, the Town Website.

Harlem Fundraiser cleared about \$15,000.00. It was a fun family night, very well attended.

The downtown stroll was a nice event, 248 students playing music.

School Committee Sub-Committee Reports:

**Budget Sub-Committee** – Dr. O'Malley advises that there will be a budget workshop will be on the 20<sup>th</sup> of January, 2016. The Committee will get up to speed on school budgets. It will begin at 4:30 with some eating and the meeting will be 5:00 - 7:00 p.m. Ms. Sabolinski advises that information will be sent out.

Dr. O'Malley advised that the Budget Sub-Committee will be held on February 2, 2016, with Principals input. Ms. Sabolinski advised that there will be a presentation about the budget drivers, the Principals will lay out their anticipated needs, etc.

Dr. O'Malley clarifies that January 20<sup>th</sup>, 2016 will be a how-to and the 2<sup>nd</sup> of February is the real thing.

- School a Liaison Reports: None

Dr. O'Malley advises the Committee that there will be school visits on December 15, 2015. It is a full day if you can attend.

**6. New Business: None**

**7. Adjourn:** 8:55 p.m.

Mrs. Douglas made a motion to adjourn to Executive Session and not return to open session.

Dr. O'Malley announces the executive session is for the purpose of a negotiation strategy with the FEA.

Second by: None

Roll Call Vote: Dr. Bergen – yes; Mrs. Bilello -yes; Mrs. Scofield - yes; Mrs. Douglas-yes; Dr. O'Malley – yes; Mrs. Schultz -yes; Dr. Jewell -yes.

Respectfully Submitted,

Susan Childers

SCAgenda 10-27-15.pdf  
October 13 2015 Minutes-DRAFT.pdf  
ExecutiveSessionMinutes10-13-15-draft.pdf  
Cafeteria.pdf  
FEA.pdf  
Secretaries.pdf  
Van Drivers.pdf  
Payroll Warrant #1608 summary.pdf  
Payroll Warrant #1608.pdf  
Franklin Public Schools summary & sign off.pdf  
SCWarrant100815.pdf  
SCWarrant101515.pdf  
CPR 10-27-15.pdf  
School Safety Update.pdf  
FHS SIP 2015-16.pdf  
GDCC - Staff Family and Medical Leave.pdf

GDCC-E - Family and Medical Leave of Absence.pdf  
JFABB - Admission of Exchange and Foreign Students.pdf  
Peter Light Resume 2015.pdf  
ActionA.pdf  
ActionB.pdf  
ActionC.pdf  
ActionD.pdf  
ActionE.pdf  
ActionF.pdf  
ActionG.pdf  
ActionH.pdf  
ActionI.pdf  
PledgeStudent.pdf

# Franklin Department of Public Works

## Snow Removal Program

**Robert Cantoreggi, Director**

**Carlos Rebelo, Highway and Grounds Superintendent**

# Town of Franklin Department of Public Works



Sidewalk Snow Removal Program

December 2015

# FY 2015

- \* FY 2015 Approved Budget: \$953,500.00

- \* **\$411,500.00** for Salt

- \* FY 2015 Costs

- \* 23 Events. (101 Inches of snow)

- \* **\$1,432,493.00** Total

- \* **\$457,644.00** for Salt

# Snow Removal Priorities

1. Roadways
2. Public Buildings / Schools
3. Sidewalks

*These priorities were established with cooperation of the School and Police Departments.*

# Goals:

- \* Be Prepared!
- \* Respond with the appropriate resources in a timely manner.
- \* Ensure that emergency vehicles can always respond during snow / ice events.
- \* Provide safe passage of vehicles during snow fall.
- \* Have all roadways cleared, i.e. showing some asphalt, less than one inch of snow and ice within 4 hours of the end of the storm.

# Items That Can Effect Response

- \* Timing of storm (day of week, hour of day)
- \* Duration of storm
- \* Amount and type of precipitation
- \* Temperature during storm
- \* Weather pattern: warm to cold or cold to warm
- \* Frost in/on ground
- \* Month of storm
- \* Recent storm activity

# Preparing For A Storm

- \* Watch the weather
- \* Equipment readiness
- \* Availability of DPW personnel
- \* Contact with other town departments
- \* Contact contractors for equipment / personnel
- \* Availability of supplies (Salt)
- \* Training and after-action reviews...

**Getting ready for the next one!!!**

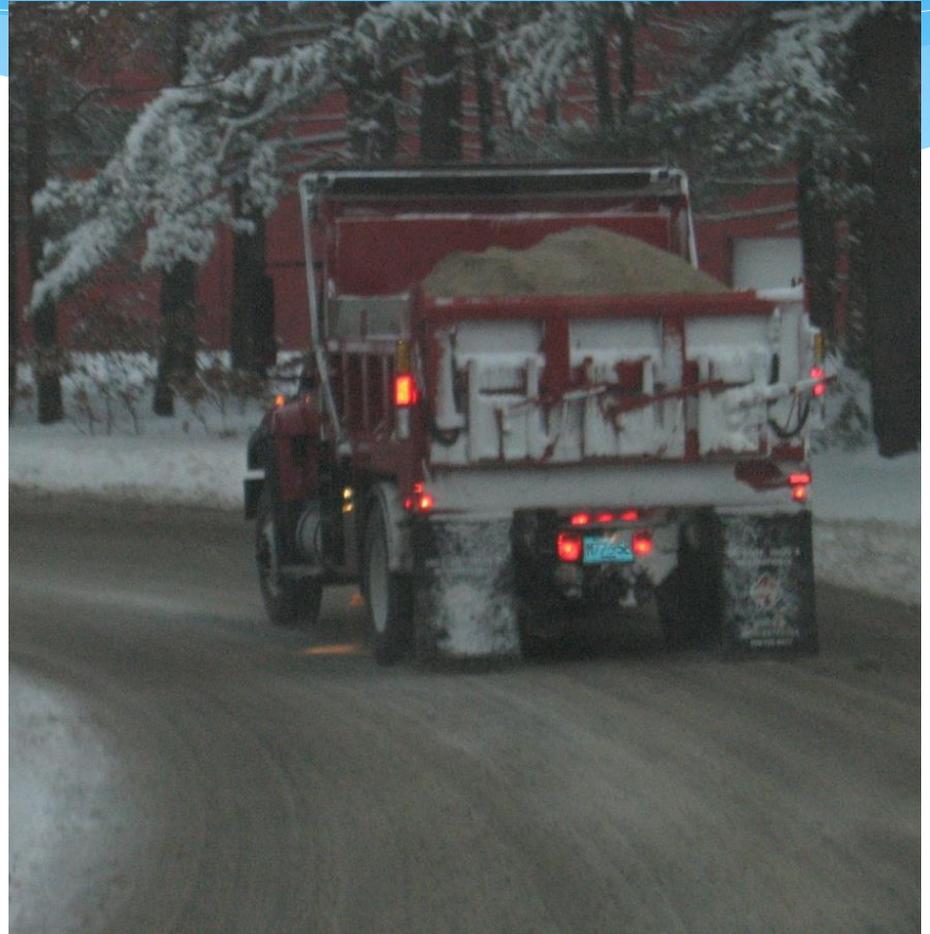
# Road Salting



# Mixing Rate

- 100% Salt\*

\*Special Circumstances



# Plowing



35 Pieces of  
DPW  
equipment on  
the road at one  
time



70 pieces of  
hired  
equipment



# Sidewalks



# Challenges

- \* Over 35 miles of sidewalks identified for snow removal operations.
  1. School walking routes
  2. Downtown areas
  3. High traffic / speed routes
  
- \* Mother Nature
  1. Timing of storm
  2. Length of storm
  3. Type of snow
  4. Amount of snow



# Time to Clear Sidewalks

- \* Less than six inches of snow, snow plows are used.

***1 day***

- \* More than six inches of snow, snow blowers are used.

***2-3 days***



# School Policy On Inclement Weather

## ***What is the responsibility of the parents?***

***“On days when the weather is questionable but the schools are open, please feel free to exercise your parental discretion to keep your child home...”\****

*\*Excerpt from the “Inclement Weather and School Closing Information” sheet distributed to all school students and their parents (also available on the Town’s webpage).*

# A solution that is working!





Student walking  
in street

Recently  
installed &  
plowed sidewalk

Picture taken 12/22/2009 @ 2:30PM on Brook St.

# No Salt Available at DPW Yard

- \* Safety of employees and residents
- \* DEP regulations
- \* Liability issues



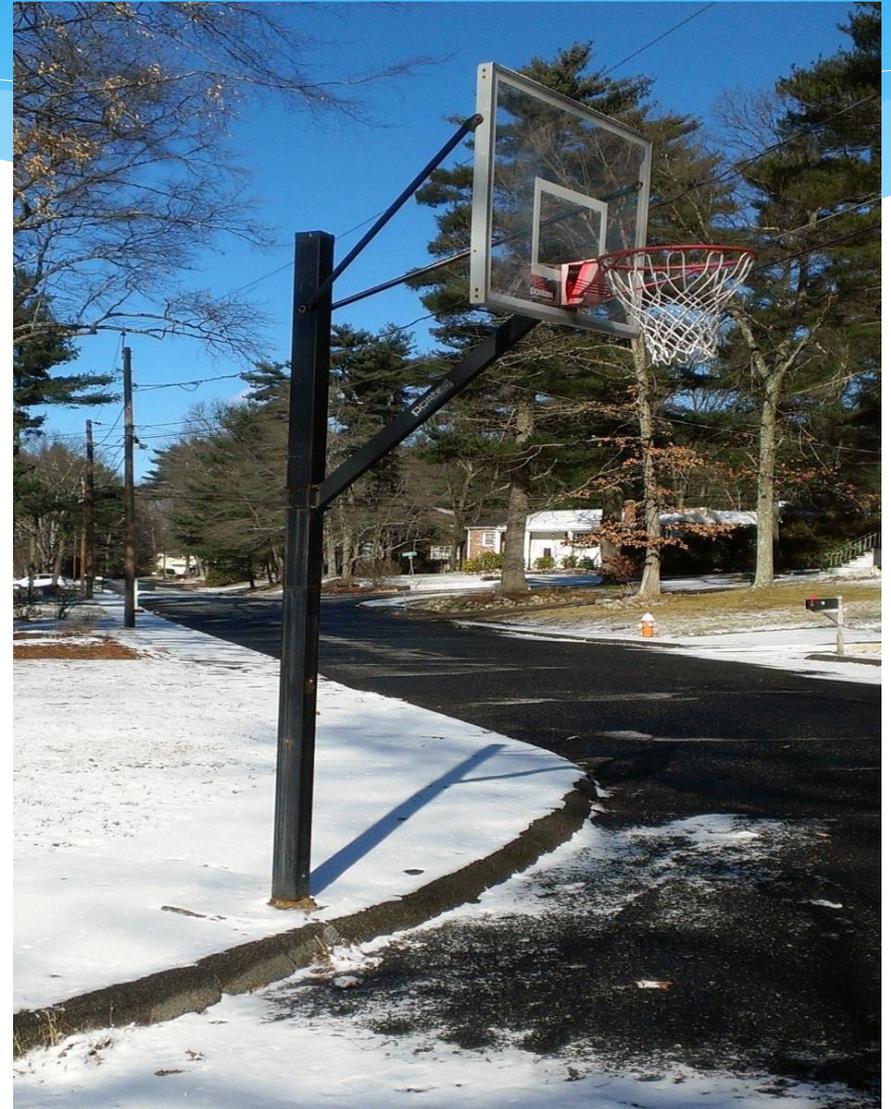
# Mailbox Policy



# Basketball Hoops

**Not allowed in public  
right-of-way**

**TOWN BYLAWS: PEACE AND  
GOOD ORDER, CHAPTER 125-4**  
Obstructing streets and  
sidewalks

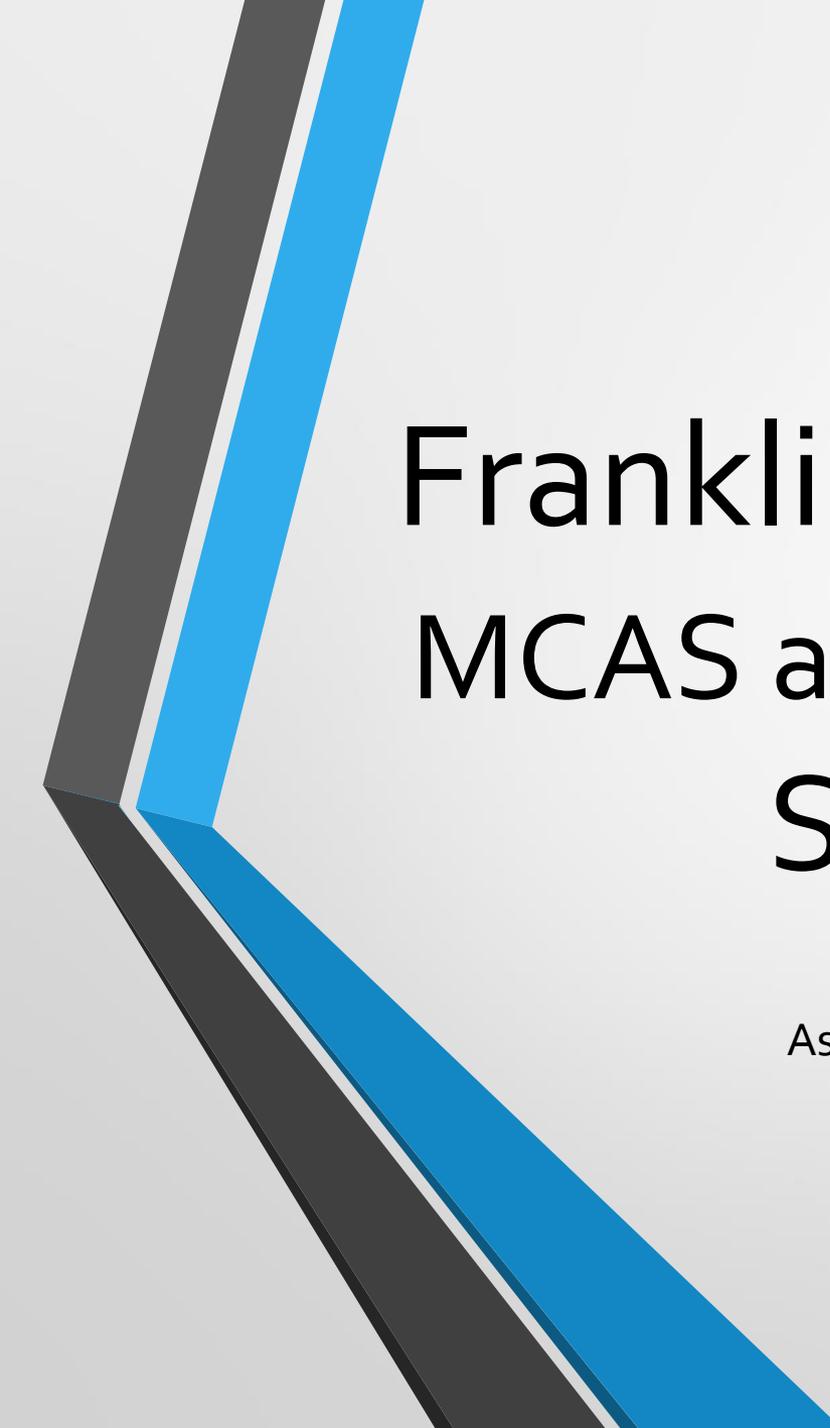


# Clear Fire Hydrants



# Think Summer!





# Franklin Public Schools MCAS and PARCC Results Spring 2015

Joyce Edwards

Assistant Superintendent for Teaching and Learning

December 8, 2015

# Agenda

- Introduction
- PARCC Achievement and Student Growth
- MCAS Achievement and Student Growth
- Testing 2016 and beyond

# Introduction

- This is a big picture overview of results for PARCC and MCAS based on Spring 2015
- Data still embargoed by the state and we will release it to School Committee and families as soon as possible
  - Anticipate mailing student results the week of December 14, 2015
  - District report card will be posted on school and district websites as soon as it is available
  - District Accountability data will be released at that time
  - All schools “held harmless” due to PARCC except FHS who took MCAS as usual

# Spring 2015 Tests

- All students in grades 3-8 took PARCC for ELA and Math
- All students in grades 9 and 11 took PARCC for ELA and Math
- All students in grades 5 and 8 took Science MCAS
- All high school students took appropriate competency exam
  - MCAS biology in grade 9
  - MCAS ELA and Math

# PARCC

- Overall, we should be very pleased with the results as students outperformed the “state”
- Use this data point with all of our other assessment data to adapt curriculum and inform instruction
  - Will require time to calibrate the test
- Teachers and students worked hard to adapt to the new testing
  - Content and testing electronically

# PARCC

- Students, teachers and administrators overwhelmingly cited they preferred electronic testing during focus groups done last year after testing
- Recent survey of administrators, Literacy and Math Specialists, and Team Chairs overwhelmingly supports preference for electronic testing for this year
- Electronic testing helps minimize number of testing days in each school

# PARCC Scoring Information

- Franklin results are compared to “state” which equals 53% of the districts
  - The “state” comprised of mostly districts more like us-very few if any level 4 or 5 districts took PARCC
- Achievement Levels
  - Level 5: Exceeded expectations
  - Level 4: Met expectations
  - Level 3: Approached expectations
  - Level 2: Partially met expectations
  - Level 1: Did not meet expectations

# PARCC Elementary Results

| Grade and Subject | Level 4 and 5<br>% |       | Level 3<br>% |       | Level 2<br>% |       | Level 1<br>% |       | Number of<br>Students<br>Included |
|-------------------|--------------------|-------|--------------|-------|--------------|-------|--------------|-------|-----------------------------------|
|                   | DIST               | STATE | DIST         | STATE | DIST         | STATE | DIST         | STATE |                                   |
| GRADE 3 ELA/L     | 62                 | 54    | 15           | 22    | 14           | 14    | 8            | 10    | 430                               |
| GRADE 3 Math      | 63                 | 55    | 22           | 25    | 12           | 14    | 3            | 6     | 429                               |
| GRADE 4 ELA/L     | 71                 | 57    | 22           | 25    | 6            | 12    | 2            | 5     | 433                               |
| GRADE 4 Math      | 64                 | 48    | 24           | 29    | 11           | 18    | 1            | 5     | 432                               |
| GRADE 5 ELA/L     | 73                 | 63    | 18           | 23    | 6            | 10    | 3            | 4     | 466                               |
| GRADE 5 Math      | 66                 | 55    | 22           | 26    | 9            | 15    | 3            | 5     | 466                               |

# PARCC Middle School Results

| Grade and Subject | Level 4 and 5 % |       | Level 3 % |       | Level 2 % |       | Level 1 % |       | Number of Students Included |
|-------------------|-----------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------------------------|
|                   | DIST            | STATE | DIST      | STATE | DIST      | STATE | DIST      | STATE |                             |
| GRADE 6 ELA/L     | 61              | 60    | 26        | 25    | 10        | 11    | 3         | 4     | 450                         |
| GRADE 6 Math      | 55              | 53    | 30        | 28    | 12        | 14    | 3         | 5     | 445                         |
| GRADE 7 ELA/L     | 74              | 61    | 19        | 22    | 6         | 11    | 1         | 6     | 453                         |
| GRADE 7 Math      | 62              | 45    | 28        | 32    | 9         | 18    | 2         | 4     | 452                         |
| GRADE 8 ELA/L     | 74              | 64    | 17        | 20    | 7         | 10    | 3         | 5     | 450                         |
| GRADE 8 Math      | 63              | 53    | 22        | 22    | 10        | 15    | 6         | 10    | 446                         |

# PARCC High School Results

| Grade and Subject | Level 4 and 5 % |       | Level 3 % |       | Level 2 % |       | Level 1 % |       | Number of Students Included |
|-------------------|-----------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------------------------|
|                   | DIST            | STATE | DIST      | STATE | DIST      | STATE | DIST      | STATE |                             |
| GRADE 9 ELA/L     | 57              | 39    | 24        | 25    | 13        | 19    | 6         | 17    | 457                         |
| GRADE 11 ELA/L    | 51              | 39    | 25        | 23    | 11        | 19    | 13        | 19    | 394                         |
| HS - ALG. I       | 13              | 22    | 49        | 28    | 28        | 33    | 11        | 17    | 160                         |
| HS - ALG. II      | 34              | 13    | 16        | 17    | 22        | 25    | 28        | 45    | 158                         |
| HS - GEOMETRY     | 41              | 36    | 41        | 36    | 14        | 23    | 4         | 5     | 226                         |

# PARCC Analysis

In all cases, Franklin grades 3-8 students outperformed “state” results for levels 4 and 5 (met and exceeded expectations)

- Averaged 10% above state average on ELA and Math combined for all grades
- Except for Algebra I, all grades 9 and 11 students outperformed “state” results for levels 4 and 5 (met and exceeded expectations)
  - Recognized lack of “buy in” from students at time of testing
  - Most of our students complete Algebra I in middle school

# PARCC Student Achievement Information

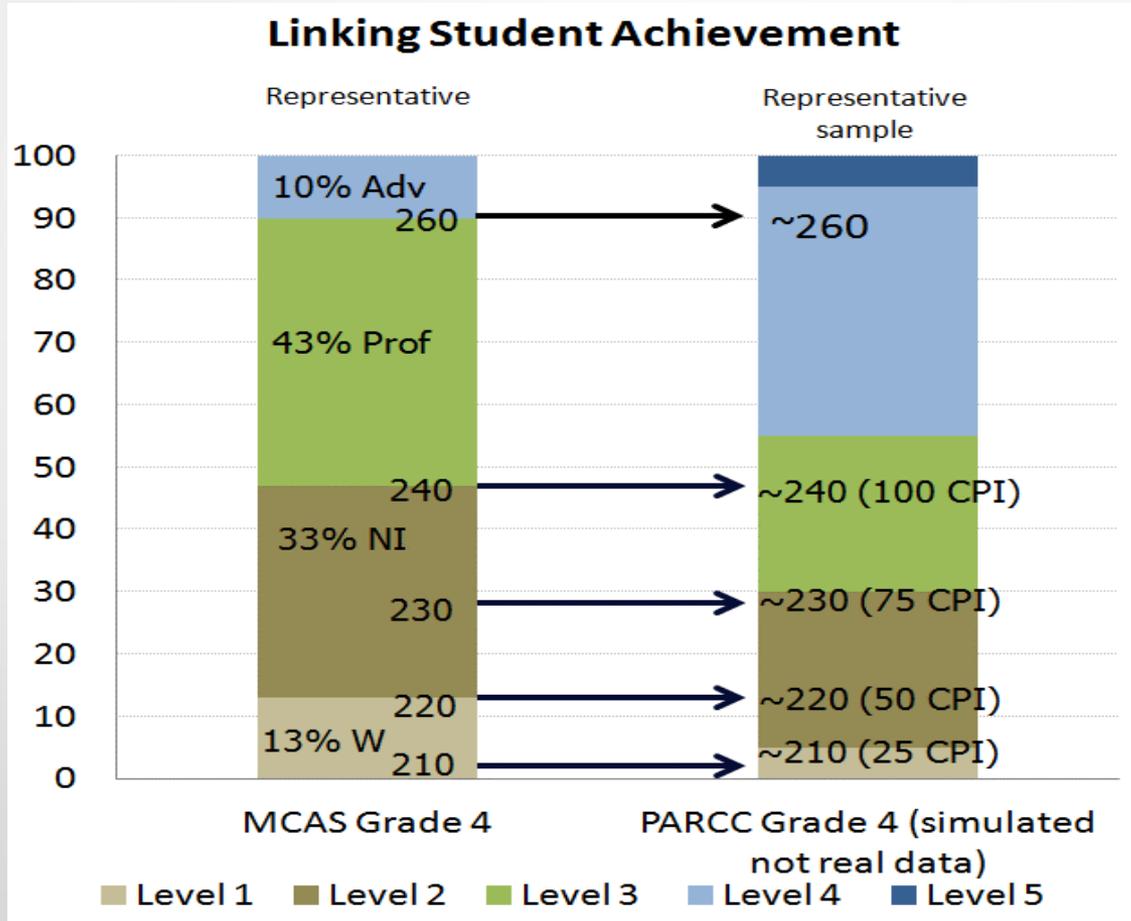
Transitional Composite Performance Index (Trans. CPI) generated using linked PARCC and MCAS scores

- Comparing the two different tests is called “equipercentile linking.” The left column shows actual MCAS achievement data sorted by percentiles while the right column shows what PARCC achievement data might look like sorted by percentiles. The arrows show which scores on PARCC are equivalent to levels (and scores) in MCAS.
- This is then converted to the CPI index number used to determine accountability levels

# PARCC Student Growth Information

- Transitional Student Growth Percentile (Trans. SGP) generated using current PARCC and prior MCAS scores
  - Growth target is 30%-60% but may decrease as overall achievement increases

# Transitional Composite Performance Index (Trans. CPI) generated using linked PARCC and MCAS scores



# PARCC Student Growth Results

| Subject       | Number of Students Included | Trans. CPI |      | Trans. Student Growth Percentile (SGP) |        |
|---------------|-----------------------------|------------|------|--|--------|
|               |                             | #          | Mean | #                                      | Median |
| GRADE 3 ELA/L | 430                         | 435        | 85.2 | --                                     | --     |
| GRADE 3 Math  | 429                         | 434        | 89.0 | --                                     | --     |
| GRADE 4 ELA/L | 433                         | 437        | 86.1 | 420                                    | 47.0   |
| GRADE 4 Math  | 432                         | 436        | 86.2 | 370                                    | 51.0   |
| GRADE 5 ELA/L | 466                         | 468        | 91.6 | 411                                    | 45.0   |
| GRADE 5 Math  | 466                         | 468        | 88.5 | 451                                    | 48.0   |
| GRADE 6 ELA/L | 450                         | 454        | 88.5 | 435                                    | 27.0   |
| GRADE 6 Math  | 445                         | 451        | 84.0 | 427                                    | 31.0   |
| GRADE 7 ELA/L | 453                         | 457        | 93.3 | 361                                    | 40.0   |
| GRADE 7 Math  | 452                         | 456        | 83.9 | 439                                    | 41.0   |
| GRADE 8 ELA/L | 450                         | 458        | 95.3 | 439                                    | 34.0   |
| GRADE 8 Math  | 446                         | 454        | 85.2 | 407                                    | 31.0   |

# PARCC Student Growth Analysis

- No results for grade 3 as there is not a previous MCAS score
- Growth not by specific student but a representative sampling
- Growth ranged from 27%-51% growth by test
- All but one (grade 6 ELA) SGP result were in the target range but this similar to the state result
  - The district slightly outperformed the “state” in levels 3-5 for this test

# Using PARCC Data in Franklin

- We will analyze the data:
  - By school, grade, subject
    - Item analysis work will be done to inform instruction
    - Use with all of our other assessment data
  - In the aggregate as well as sub-groups
    - will delve into underperforming groups to determine root causes and identify remediation strategies
    - Utilize our DCAP and BCAP to ensure all students access the curriculum and instruction

# Using PARCC Data in Franklin

- Prepare for spring PARCC testing by teaching aligned curriculum, using best instructional practices, and ensuring that children are familiar with the testing format and expectations
- We teach test taking strategies but do not teach to the test
  - We do not purchase test prep materials

# Questions



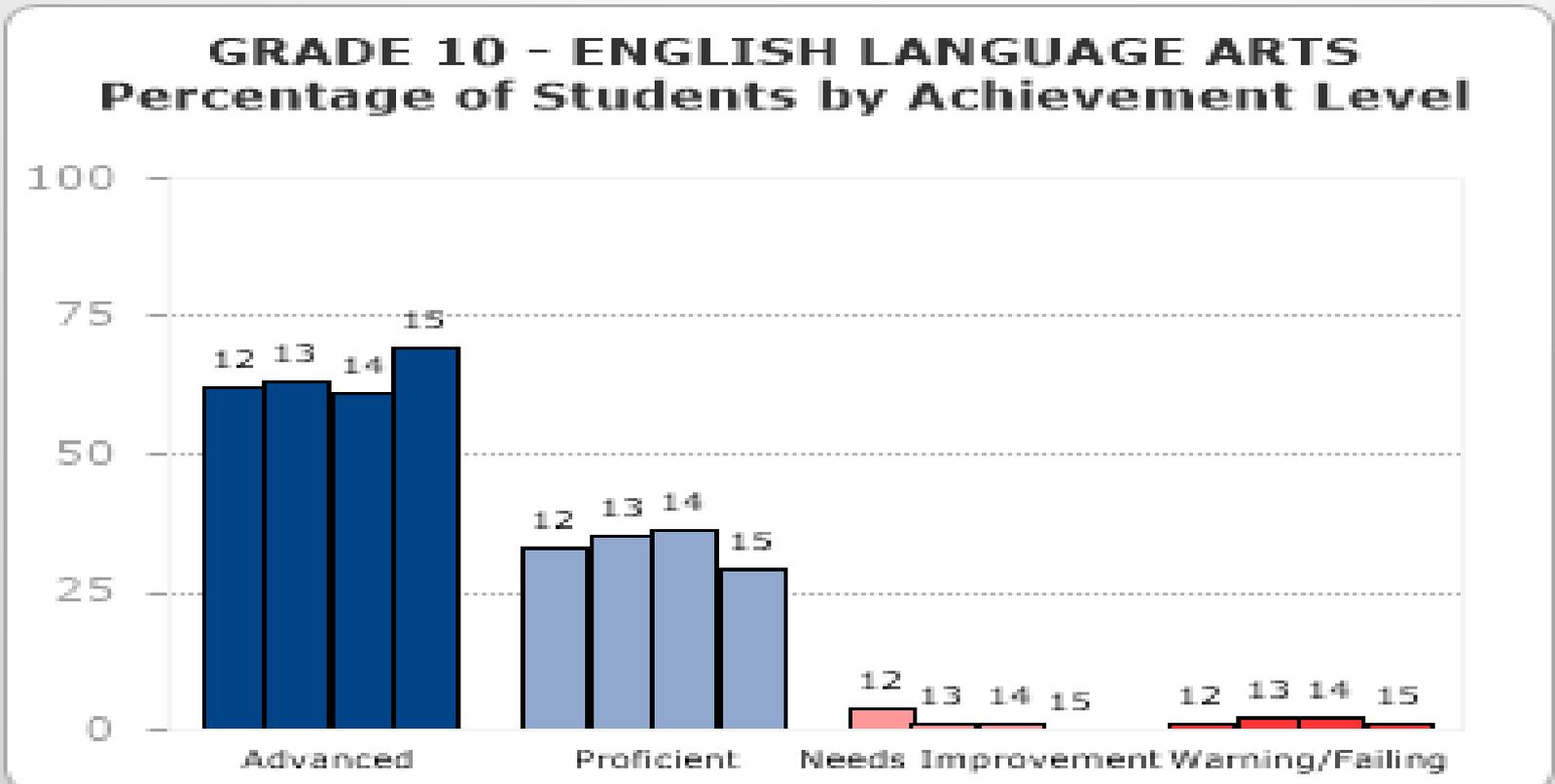
# MCAS Results

- Spring MCAS results include Science in grades 5 and 8
- High School tests were the grade 9 Biology and grade 10 ELA and Math
- Look at data for P+ - percentage of students achieving in the Advanced and Proficient categories
- Student Growth available only for Grade 10 ELA and Math

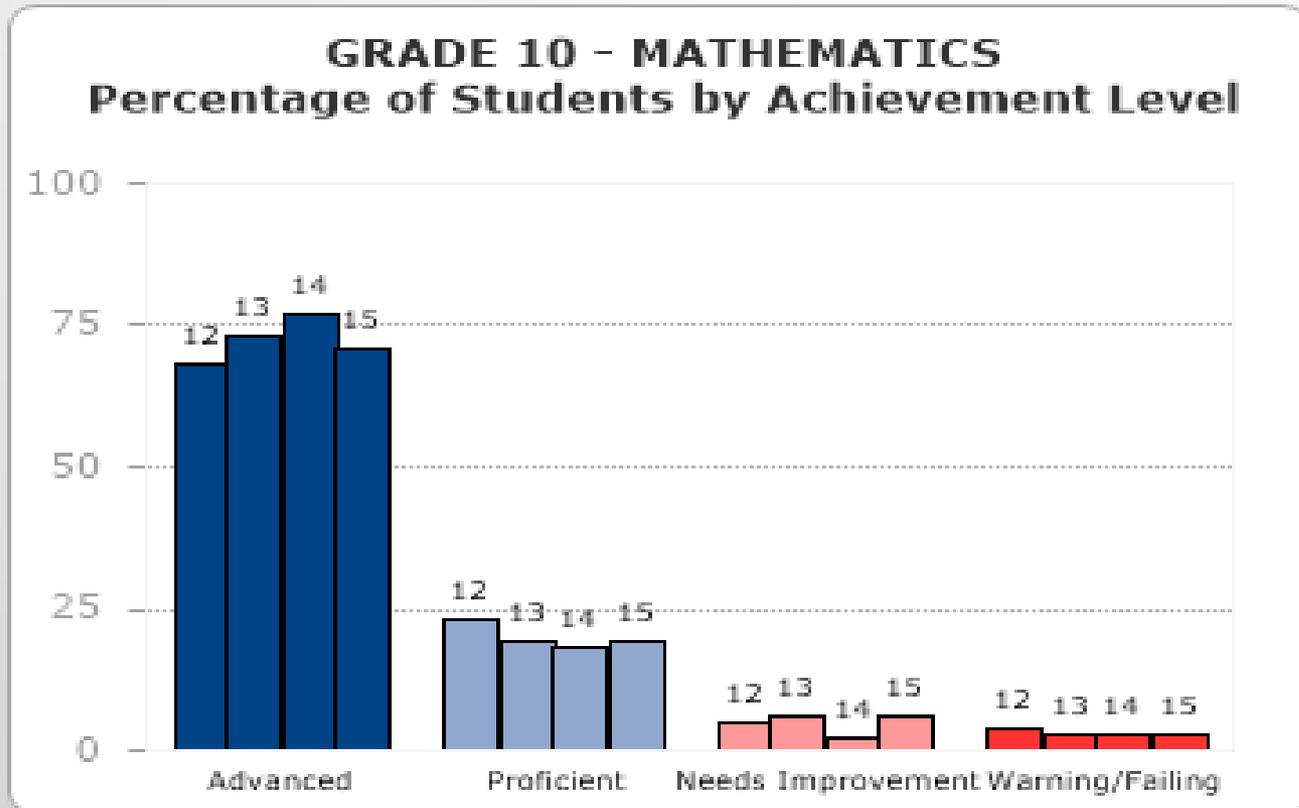
# P + Results (Proficient and Advanced)

| Test            | 2013 | 2014 | 2015 |
|-----------------|------|------|------|
| Grade 10 ELA    | 95   | 97   | 98   |
| Grade 10 Math   | 92   | 95   | 90   |
| Grade 9 Biology | 89   | 94   | 90   |
| Grade 8 Science | 60   | 63   | 59   |
| Grade 5 Science | 68   | 66   | 64   |

# Grade 10 ELA Achievement

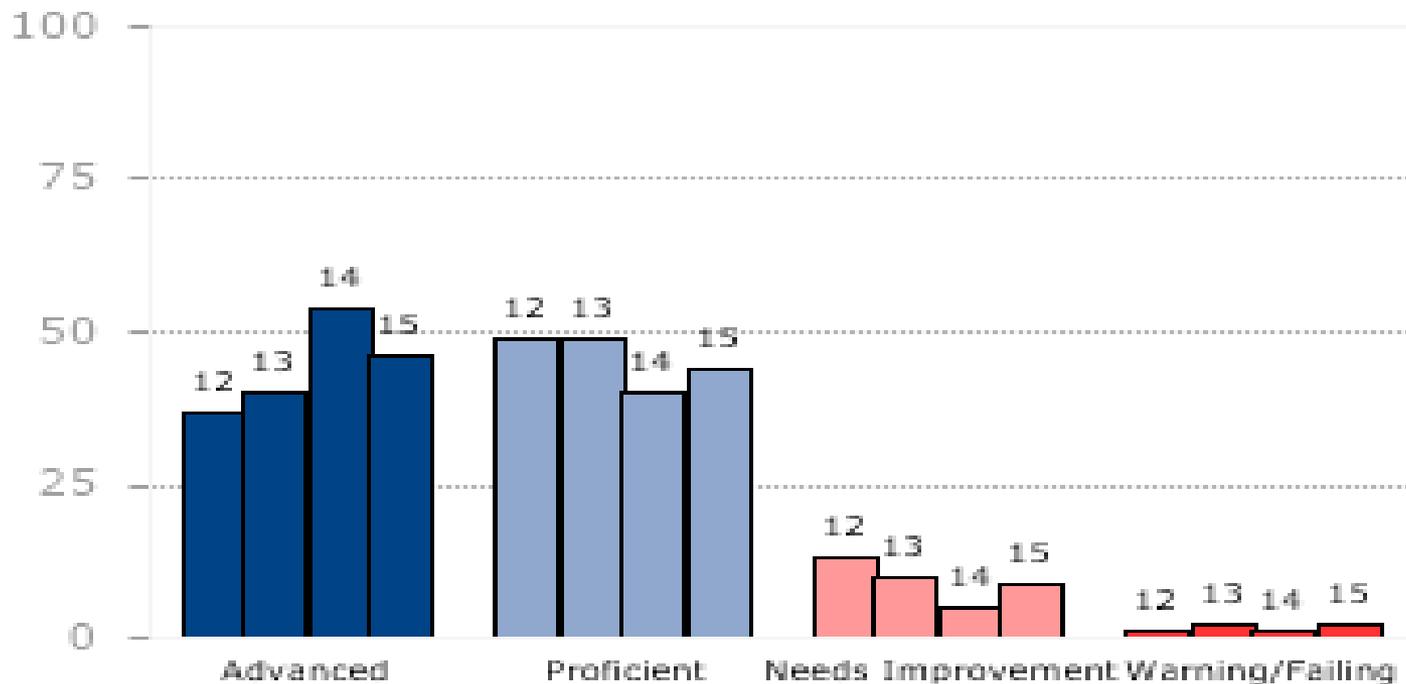


# Grade 10 Math Achievement



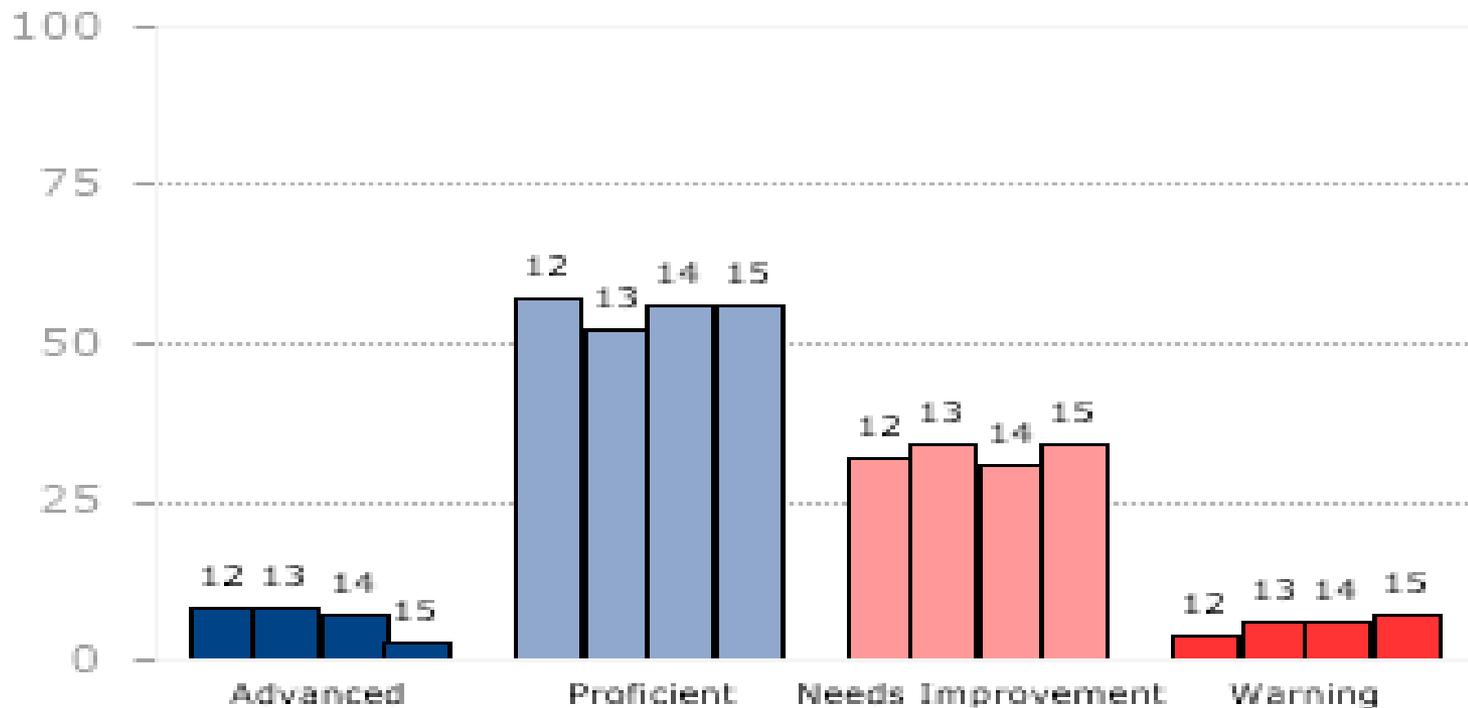
# Grade 10 Biology Achievement

**GRADE 10 - SCIENCE AND TECH/ENG**  
**Percentage of Students by Achievement Level**

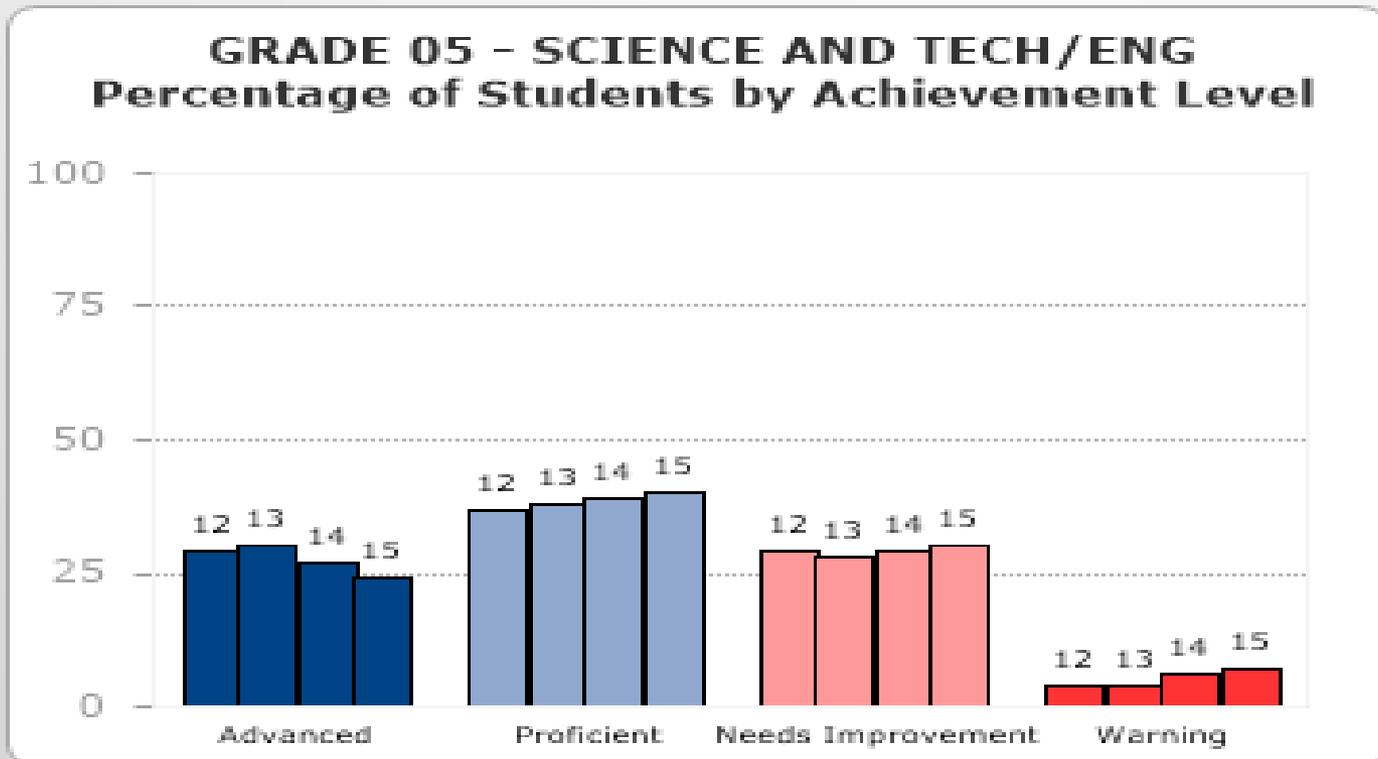


# Grade 8 Science Achievement

**GRADE 08 - SCIENCE AND TECH/ENG**  
**Percentage of Students by Achievement Level**



# Grade 5 Science Achievement



# MCAS Student Growth Percent

|          |      |     |
|----------|------|-----|
| Grade 10 | ELA  | 47% |
| Grade 10 | Math | 43% |

# MCAS Analysis

- Over 90 % of high school students in the P+ category for all tests
  - Opportunities for retests if needed
- Important to look at both achievement and growth
- Use MCAS data to inform instruction
- Significant K-12 Science curriculum alignment work underway to conform to the new standards (not yet released)

# Testing This Year

## PARCC

- All students in Grades 3-8 will take PARCC for ELA and Math
- District and Schools (grades 3-8) will be “held harmless” again this year
- PARCC will have one testing window, not two
- All testing will be done electronically

## MCAS

- Science MCAS continues in grades 5 and 8
- MCAS continues in grade 10 for high school competency determination through at least the class of 2019
- No PARCC at the high school

# Testing in the Future

- State is developing an MCAS 2.0 test for 2017
  - Will be available electronically
- Will be modeled after PARCC
- MCAS will remain high school competency exam through the class of 2019 and possibly longer
- Testing will be electronic for all districts by 2019

# Questions

