

Eugenia B. Thomas K-8 Center

**FLORIDA STANDARDS PARENT  
WORKSHOP**

FEBRUARY 17<sup>TH</sup>, 2021 – EIGHTH GRADE

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PRINCIPAL: MS. TYLER

ASSISTANT PRINCIPAL: MR. SALTY

COUNSELOR: MS. RAMIREZ

# Agenda



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## Welcome

- Teacher Introductions
- Florida Standards Reading & Mathematics
- Science SSA
- 8<sup>th</sup> Grade – End-of-Course (EOC)
  - Algebra
  - Geometry
  - Biology
- Questions/Concerns



# Reminders

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## □ **Etiquette for PHY / MSO**


- Attendance PHY / MSO
- Encourage Class Participation
- Arrive On-Time
- Be Present (Video On / Face on Camera)
- Quiet Work Area
- Do not leave before teacher dismisses
- Turn-in Assignments on-time
- Devices / Ear Buds

## □ **Parents**

- Check Gradebook on a weekly basis (“Z” assignments not submitted)

# The Florida Standards K-12 Assessment System



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- **Emphasize success in college and careers**
  - **Prepare students with 21<sup>st</sup> century skills**
  - **Provide more rigorous content and application of knowledge**
  - **Place emphasis on critical and analytical thinking**
  - **Establish clear, consistent guidelines for instruction**
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# The Florida Standards What Subjects Are Included?



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- **Language Arts Florida Standards (LAFS) and Mathematics Florida Standards (MAFS) provide a clear set of goals and expectations**
  - **Define what students should know and be able to do at each grade level – kindergarten through grade 12**

## The Florida Standards


# What Do They Mean For Teaching and Learning?

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### LAFS

- Regular practice with complex text & academic language
- Reading, writing, listening and speaking grounded in evidence from text
- Real world applications
- Build knowledge through content-rich text

### MAFS

- Deeper understanding of mathematical concepts
  - Builds habits of mind of productive mathematical thinkers
  - Real-world applications
  - Modeling with pictures technology, graphs, manipulatives
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# The Florida Standards Assessments

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**LAFS and MAFS will be assessed with the Florida Standards Assessments (FSA)**

□ **Spring 2021 administration of middle school assessments will include:**

- **ELA Writing Component: Grades 6-8**
- **English Language Arts (ELA): Grades 6-8**
- **Mathematics: Grades 6-8**

} **ELA**

# What Are the Assessments For Science?

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- **2008 Next Generation Sunshine State Standards (NGSSS) remain for science**
  - Science SSA: Grade 8
  - Biology End-of-Course (EOC) Exam



# ELA – Writing and Reading Assessment Dates / Test Design



Grade/Course	Assessment CBT / PBT	Testing Date	Time	Sessions	Number of Items
8th	Writing Computer Based	April 5 – April 16, 2021	120 minutes	1	Argumentative or Informative
8th	ELA Reading Computer Based	May 3 – May 28, 2021	170 minutes	2	58-62

# Mathematics and EOCs Assessment Dates / Test Design



Grade/Course	Assessment CBT / PBT	Testing Date	Time	Sessions	Number of Items
8th	Math Computer Based	May 3 – May 28, 2021	180 minutes	3	62-66
8th	Math Computer Based	May 3 – May 28, 2021	180 minutes	3	62-66
8th	EOC - Algebra 1 Computer Based	May 3 – May 28, 2021	180 minutes	2	64-68
8th	EOC – Geometry Computer Based	May 3 – May 28, 2021	180 Minutes	2	64-68

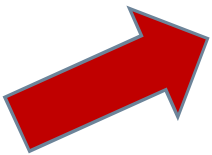
# The Florida Standards How May I Help My Child?



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- Read different types of books and informational text with your child
  - Ask your child to find answers to questions in the text of books, newspaper articles, manuals, etc.
  - Encourage your child to form and defend opinions by supporting these with facts, details and reasons from text
  - Discuss mathematics ideas with your child have them explain these to you using pictures, graphs, etc.
  - Practice tests available for both PBT & CBT:

<https://fsassessments.org/students-and-families/practice-tests/>

- Visit the Florida Standards Assessment online portal at:  
[www.fsassessments.org](http://www.fsassessments.org) to become familiar with the new assessments.



# Florida Standards English Language Arts



## □ Reporting Categories

Reading	Writing
<ul style="list-style-type: none"><li>■ Key Ideas and Details</li><li>■ Craft and Structure</li><li>■ Integration of Knowledge and Idea</li><li>■ Language and Editing</li></ul>	<ul style="list-style-type: none"><li>■ Text-Based Writing</li></ul>

Level 1	Level 2	Level 3	Level 4	Level 5
Inadequate: Highly likely to need substantial support for the next grade	Below Satisfactory: Likely to need substantial support for the next grade	Satisfactory: May need additional support for the next grade	Proficient: Likely to excel in the next grade	Mastery: Highly likely to excel in the next grade

# Test Item Specification

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- A stimulus may consist of one or more texts. The texts may be **informational** or **literary** and can cover a wide array of topics. **Multimedia** elements may include audio presentations, slideshows, or graphical elements.
- The **length** and **complexity** of texts should **vary** within each grade-level assessment.

# Test Item Specification — cont.



- Type of test questions:
  - **Hot Text**
    - Requires the student to select words or phrases from the text to answer questions using explicit information in the text as support.
    - Requires the student to select an inference and then to select words or phrases from the text to support the inference [Two-Part Hot Text].
  - **Multiple Choice**
    - Requires the student to select multiple direct quotations or descriptions of textual evidence to support an explicit or implicit statement from the text.
  - **Open Response**
    - Requires the student to state a theme or central idea of the passage

# Sample Writing Test



ZOOM IN

ZOOM OUT

NOTES

SAVE

PAUSE

BACK

NEXT

## Goofs and Great Inventions

### Lost Cities, Lost Treasure

1 In 1871, an adventurer named Heinrich Schliemann started digging in the ground of a Turkish city, seeking the lost land of Troy. Schliemann, a businessman and scholar, was born in Germany in 1822. As a young man he dreamed of discovering the treasures of the ancient world, and even made a plan for it when he was nine years old.

2 His youthful sense of adventure eventually brought him to California, where he made a fortune in the gold rush. With his profits, he began his second career in archaeology.

3 Archaeology was still a young science in the 1800s. In fact, it was hardly a science at all. The promise of treasure and adventure in foreign lands attracted people like Schliemann. Like a lot of treasure hunters, Schliemann was smart, curious—and hungry for gold or fame. On the other hand, he loved ancient cultures, especially Greek culture. He loved learning and traveling. By the end of his life, he spoke 13 languages, including his native German. He loved Greek history and culture so much that he and his wife Sophia named

1

It's no secret that sometimes great discoveries come as a result of really big mistakes. But are they always worth the problems they cause? Sometimes the mistakes lead to greatness, and sometimes they lead to disaster. Are mistakes key to making discoveries?

Write an essay in which you take a position on whether or not mistakes are a key part of discovery. Use the information presented in the passages to support your points. Make sure to include information from all the passages in your essay.

Manage your time carefully so that you can

- read the passages;
- plan your essay;
- write your essay; and
- revise and edit your essay.

Be sure to

- include a claim;
- address counterclaims;
- use evidence from multiple sources; and
- avoid overly relying on one source.

Your written response should be in the form of a multiparagraph essay. Remember to spend time reading, planning, writing, revising, and editing.

Type your answer in the space provided.

# How to Help at Home

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## □ Reading

- i-Ready
- Read 30 minutes daily (news articles, magazines, AR books, books etc.)
- Talk with your child about what they read
  - Text to text
  - Text to self
  - Text to world

## □ Writing

- Discuss current events
- “Write what they want”



# Florida Standards Mathematics



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## □ Mathematical Practices

1. **Make sense** of problems and **persevere** in solving them
  2. Reason **abstractly** and **quantitatively**
  3. Construct **viable arguments** and **critique** the reasoning of others
  4. **Model** with mathematics
  5. Use appropriate **tools** strategically
  6. Attend to **precision**
  7. Look for and make use of **structure**
  8. Look for and express regularity in **repeated reasoning**
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# Florida Standards Mathematics



## □ Reporting Categories

### Mathematics

- Ratio & Proportional Relationships
- Expressions & Equations
- Geometry
- Statistics & Probability
- The Number System
- Functions

Level 1	Level 2	Level 3	Level 4	Level 5
Inadequate: Highly likely to need substantial support for the next grade	Below Satisfactory: Likely to need substantial support for the next grade	Satisfactory: May need additional support for the next grade	Proficient: Likely to excel in the next grade	Mastery: Highly likely to excel in the next grade



# Test Item Specification

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- Questions are presented in real-world contexts or related to real-world situations
- Types of test items
  - Multiple Choice Response
  - Equation Response
  - Multi-Select Response
  - Table Response
  - Matching Item Response
  - Graphic Response — Drag and Drop
  - Graphic Response — Drawing / Graphing
  - Graphic Response — Hot Text
  - Natural Language Response — Open Response

# Calculators



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- Grade 6 NO CALCULATORS
  - Grade 7 & 8 – Scientific Calculators
    - Casio FX 260 Solar Fraction
  - Algebra1 & Geometry – Scientific Calculators
    - Casio FX 260 Solar Fraction

# How to Help at Home

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## □ Mathematics

- Online tutorial video animations
- Reflex ([reflexmath.com](http://reflexmath.com))
- i-Ready
- Edgenuity (Algebra & Geometry)
- Ensure that your child is completing their home learning assignments – practice and repetition is critical in Math!

# Algebra 1 – EOC

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- The Florida EOC Assessments are a part of the [Florida's Standards](#) for the purpose of increasing student achievement and improving college and career readiness. EOCs will be computer-based, criterion-referenced assessments that measure the [Mathematics Florida Standards](#) for specific high-school level courses, as outlined in the course description. The first assessment to begin the transition to end-of-course testing in Florida is the Algebra 1 EOC.

# Algebra 1 – EOC



- REQUIREMENT: The Florida Senate Bill 1076 requires that the FSA/EOC Assessment results make up 30% of all students' final course grades for the course.
- Students must earn a passing grade in a course with the 30% calculation applied in order to earn high school credit.
- FINAL GRADE = (Final grade assigned by teacher x .70) + (Grade assigned by EOC score x .30)

EOC Score	Grade assigned for 30% calculation
Level 4 or 5	A
Level 3	B
Level 1 or 2	D

# Algebra 1



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## □ Reporting Categories

### Mathematics

- Algebra Modeling
- Functions and Modeling
- Statistics and the Number System

Level 1	Level 2	Level 3	Level 4	Level 5
Inadequate: Highly likely to need substantial support for the next grade	Below Satisfactory: Likely to need substantial support for the next grade	Satisfactory: May need additional support for the next grade	Proficient: Likely to excel in the next grade	Mastery: Highly likely to excel in the next grade



# Test Item Specification

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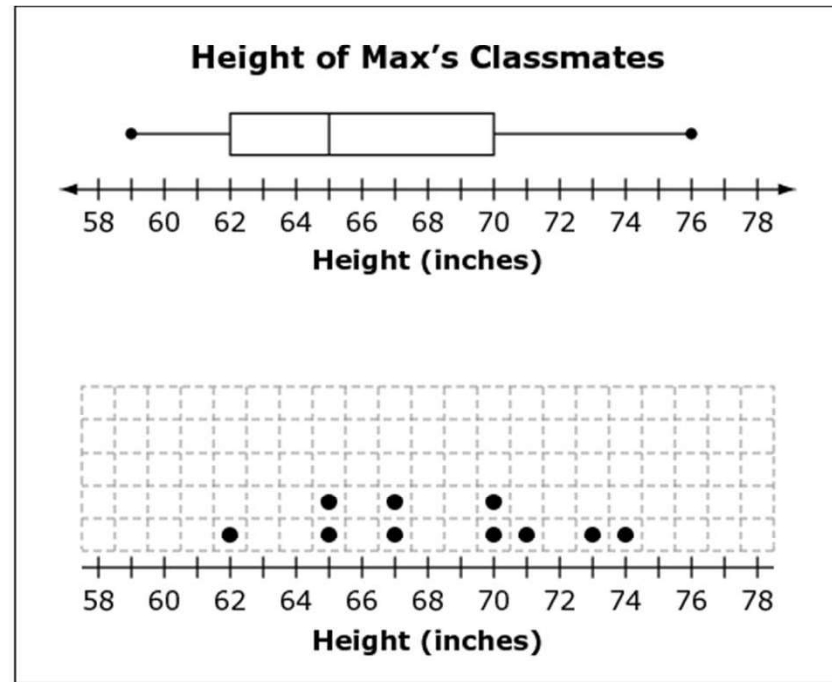
- Questions are presented in real-world contexts or related to real-world situations
  - Types of test items
    - Equation Response
    - Multiple Choice Response
    - Multi-Select Response
    - Table Response
    - Simulation Response
    - Matching Item Response
    - Selectable Text Response
    - Moveable Text Response
    - Graphic Response — Drag and Drop
    - Graphic Response — Hot Spot
    - Natural Language Response

# Sample Algebra 1 Question



Max collected data on the height of each of his 20 classmates. The box plot shown represents his data.

Click above the number line to complete the dot plot that could also represent these data.



# How to Help at Home

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## □ Algebra 1

- Online video tutorials (Math Nation)
- Reflex ([reflexmath.com](http://reflexmath.com))
- Edgenuity (Algebra & Geometry)
- Ensure that your child is completing their home learning assignments – practice and repetition is critical in Math!



## GEOMETRY – EOC

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The Florida EOC Assessments are a part of the [Florida's Standards](#) for the purpose of increasing student achievement and improving college and career readiness. EOCs will be computer-based, criterion-referenced assessments that measure the [Mathematics Florida Standards](#) for specific high-school level courses, as outlined in the course description.

# Geometry – EOC



REQUIREMENT: The Florida Senate Bill 1076 requires that the FSA/EOC Assessment results make up 30% of all students' final course grades for the course.

Students must earn a passing grade in a course with the 30% calculation applied in order to earn high school credit.

FINAL GRADE = (Final grade assigned by teacher x .70) + (Grade assigned by EOC score x .30)

EOC Score		Grade assigned for 30% calculation
Level 4 or 5		A
Level 3		B
Level 1 or 2		D

# Geometry



## Reporting Categories

### Mathematics

- Congruence, Similarity, Right Triangles and Trigonometry
- Circles, Geometric Measurement and Geometric Properties with Equations
- Modeling with Geometry

Level 1	Level 2	Level 3	Level 4	Level 5
Inadequate: Highly likely to need substantial support for the next grade	Below Satisfactory: Likely to need substantial support for the next grade	Satisfactory: May need additional support for the next grade	Proficient: Likely to excel in the next grade	Mastery: Highly likely to excel in the next grade

# Test Item Specification



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Questions are presented in real-world contexts or related to real-world situations

## Types of test items

- Equation Response
  - Multiple Choice Response
  - Multi-Select Response
  - Simulation Response
  - Hot Text Response
  - Selectable Text Response
  - Moveable Text Response
  - Graphic Response — Drag and Drop
  - Graphic Response — Hot Spot
  - Natural Language Response
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# Sample Geometry Question



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A square is inscribed in a circle. The circle has a diameter of  $11\sqrt{2}$  cm.  
What is the length of one side of the square, in centimeters?

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# How to Help at Home

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## **Geometry**

- Edgenuity
- Online video tutorials (Math Nation)

# SSA Science



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Measures achievement in science for Florida students in Grades 5 and 8 by assessing student progress on benchmarks identified in the New Generation Sunshine State Standards.

Science literacy depends on the knowledge and integration of facts into larger constructs and on the use of scientific tools, procedures, and reasoning processes for an increased understanding of the universe.

The exam is 160 minutes in duration. Rather than concentrating on facts in isolation, the statewide science assessment in Florida reflects the organization and structure of scientific knowledge and the nature of science.

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# Science Big Ideas

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- The Nature of Science
- Earth and Space Science
- Physical Science
- Life Science

# Sample Question 1



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1. Scientific knowledge may change as new evidence or information is discovered. Which of the following would NOT be a result of new scientific research and information?

- A. Binomial nomenclature is assigned to a recently identified plant species.**
  - B. An endangered monkey species is put in a reserve for protection from extinction.**
  - C. A newly discovered chemical element will be added to the periodic table of the elements.**
  - D. A nonnative plant species will begin to reproduce rapidly after being introduced into a swamp ecosystem.**
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# How to Help at Home

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## Science

- Review the annual Science Fair Project and quarterly projects with your child and use as a science vocabulary tool.
- Go over the weekly science notes with your child & go over past science notes with your child to ensure that they are retaining the concepts.
- Communicate with your child's teachers via e-mail if you would like to speak to them about a certain assignment or their progress.
- Edgenuity (Mandatory research-based home learning) for select 7th and all 8th grade students.




# Useful Websites

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- <http://www.fldoe.org/accountability/assessments/k-12-student-assessment/science.shtml>
- [www.middleschoolscience.com](http://www.middleschoolscience.com)
- <http://studyjams.scholastic.com/studyjams/jams/science/index.htm>
- [www.floridastudents.org](http://www.floridastudents.org)
- <https://fsassessments.org/students-and-families/practice-tests/>

# Biology– EOC



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- The Florida EOC Assessments are a part of the [Florida Standards](#) for the purpose of increasing student achievement and improving college and career readiness. EOCs will be computer-based, criterion-referenced assessments that measure the [Florida Science Standards](#) for specific high-school level courses, as outlined in the course description.
  - The Biology EOC accounts for 30% of the student's final grade in the course.
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# Biology – EOC



REQUIREMENT: The Florida Senate Bill 1076 requires that the FSA/EOC Assessment results make up 30% of all students' final course grades for the course.

Students must earn a passing grade in a course with the 30% calculation applied in order to earn high school credit.

FINAL GRADE = (Final grade assigned by teacher x .70) + (Grade assigned by EOC score x .30)

EOC Score	Grade assigned for 30% calculation
Level 4 or 5	A
Level 3	B
Level 1 or 2	D



# Biology



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## Reporting Categories

### Biology

- Molecular and Cell Biology
- Classification, Heredity, and Evolution
- Organisms, Populations, and Ecosystems

Level 1	Level 2	Level 3	Level 4	Level 5
Inadequate: Highly likely to need substantial support for the next grade	Below Satisfactory: Likely to need substantial support for the next grade	Satisfactory: May need additional support for the next grade	Proficient: Likely to excel in the next grade	Mastery: Highly likely to excel in the next grade

# Test Item Specification



- Questions are presented in real-world contexts or related to real-world situations
- There are only multiple-choice questions on the Biology EOC. However, they are complex questions requiring the interpretation of charts, graphs and short passages.

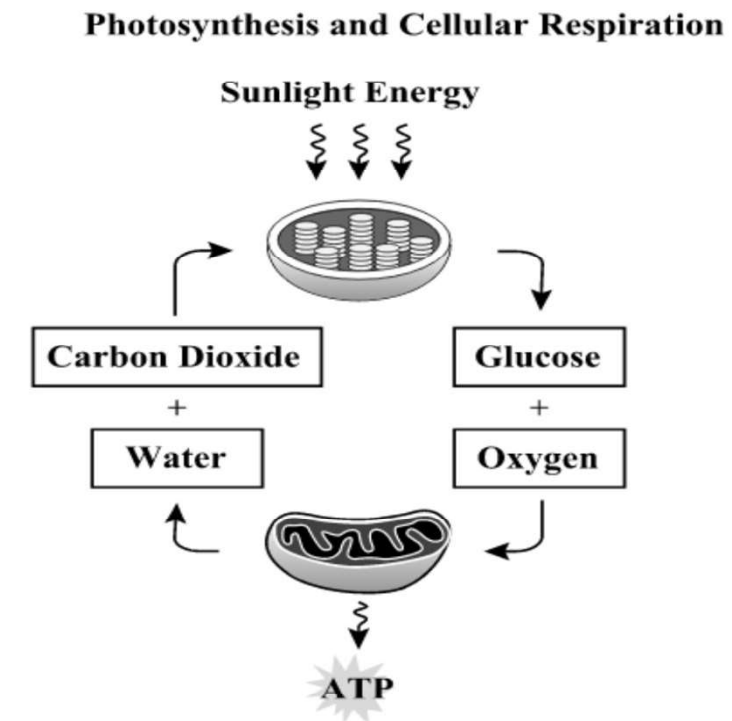
Item Cognitive Complexity		
Low	Moderate	High
10-20%	60-80%	10-20%

# Sample Biology EOC Question



The diagram shows the relationship between photosynthesis and cellular respiration and the organelles in which they occur. Which statement describes how photosynthesis and cellular respiration are interrelated?

- A. Oxygen is produced during cellular respiration and stored during photosynthesis.
- B. Carbon dioxide and water released by cellular respiration are used in photosynthesis.
- C. Photosynthesis releases the energy that is stored during the process of cellular respiration.
- D. Glucose is used during cellular respiration to produce food that is broken down during photosynthesis.



# Resources to Reinforce Learning



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<https://www.khanacademy.org/science/biology>

<http://www.bozemanscience.com/biology-main-page>

<http://science.dadeschools.net/highSchool/documents/instructionalResources/2015-2016/resources/statgies/Task%20cards%20-%20Biology.pdf> (Contains sample questions, content limits, and clarifications on the benchmarks required)

<http://www.doe.mass.edu/mcas/testitems.html?yr=16> (Sample test questions, click on “Release of Biology Test Items for current year, can choose previous years version through to 2011)

Edgenuity (Mandatory research-based home learning)

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# Reminders

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- **High School Courses**

- Algebra 1, Geometry, Physical Science, Biology, Florida Virtual School: Courses
- Counts for High School GPA



# Testing Reminders

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- **Don't Forget**
  - Ear Buds (Computer Testing – CBT)
  - Calculator (8<sup>th</sup> Grade)
  - Be on time!
  - Good Night's Rest
  - Balanced Breakfast



# THANK YOU!

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- Questions / Concerns