Test Preparation & Study Skills – Part I

East Lake Middle School

Presented By: Mrs. Broner

2/28/2018

Task for the Workshop!

- Important Terms & Dates
- Preparation Resource Walk Through
- Cracking the Code! – Test Strategies During Test
- Are You READY? – Test Strategies Before Test
- Questions & You Share Take-a-ways ☺

Testing Calendar Dates

March 6, 2018
FSA - ELA Writing Exam Spring 2018

April 17-18, 2018
FSA ELA Reading Test

April 26-27, 2018
FSA/Math Exam Spring 2018

May 1, 2018
SSA – Science 8th

May 8-9, 2018
EOC Exam Algebra & Geometry

May 16, 2018
Civics EOC Exam - 7th

Final Exam Week – May 17-22

What does all this mean?

- FSA: Florida Standards Assessment measures how well you are learning the Florida State Standards (learning expectations for ELA and Math per grade level)

Timing ☺

FSA Writing

- 120 Minutes
- 1 Section

FSA Reading

- 85 Minutes
- 2 Sections

FSA Math

- 60 Minutes
- 3 Sections

Algebra/Geometry EOC

- 90 Minutes
- 2 Sections

What are you being Tested On?

☺

FSA ELA

Grades 6–10

- **Key Ideas and Details**
  Students read closely to understand information. They cite textual evidence to support inferences/conclusions. They analyze development and interaction of central ideas, themes, individuals, events, or supporting ideas. They summarize key concepts.
- **Craft and Structure**
  Students interpret connotative and figurative meanings of words/phrases. They analyze how word choice affects meaning/ tone and how text structures impact the text. They determine the effects of point of view or purpose.
- **Integration of Knowledge and Ideas**
  Students integrate and evaluate content presented in diverse media formats. They evaluate arguments for claims, validity, relevance, and sufficient evidence. They analyze treatment of similar themes or topics.
- **Language and Editing**
  Students demonstrate command of the conventions of standard English grammar, usage, capitalization, punctuation, and spelling.
- **Text-Based Writing**
  Students draw relevant evidence from various texts to support a claim or controlling idea. They produce clear and coherent writing with development, organization, and style appropriate to task, purpose, and audience.

What are you being Tested On?

☺

FSA Math

Grade 6

- **Ratio and Proportional Relationships**
  Students understand ratio concepts and use ratio reasoning to solve problems.
- **Expressions and Equations**
  Students apply and extend previous understandings of arithmetic to algebraic expressions. They reason about and solve one-variable equations and inequalities. They represent and analyze quantitative relationships between dependent and independent variables.
- **Geometry**
  Students solve real-world and mathematical problems involving area, surface area, and volume.
- **Statistics and Probability**
  Students develop understanding of statistical variability. They summarize and describe distributions.
- **The Number System**
  Students apply and extend previous understandings of multiplication and division to divide fractions by fractions. They compute fluently with multi-digit numbers and find common factors and multiples. They apply and extend previous understandings of numbers to the system of rational numbers.

What are you being Tested On?

☺

FSA Math

Grade 7

- **Ratio and Proportional Relationships**
  Students analyze proportional relationships and use them to solve real-world and mathematical problems.
- **Expressions and Equations**
  Students use properties of operations to generate equivalent expressions. They solve real-life and mathematical problems using numerical and algebraic expressions and equations.
- **Geometry**
  Students draw, construct, and describe geometrical figures and describe the relationships between them. They solve real-life and mathematical problems involving angle measure, area, surface area, and volume.
- **Statistics and Probability**
  Students use random sampling to draw inferences about a population. They draw informal comparative inferences about two populations. They investigate chance processes and develop, use, and evaluate probability models.
- **The Number System**
  Students apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

What are you being Tested On?

☺

FSA Math

Grade 8

- **Expressions and Equations**
  Students work with radicals and integer exponents. They understand the connections between proportional relationships, lines, and linear equations.
- **Functions**
  Students define, evaluate, and compare functions. They use functions to model relationships between quantities.
- **Geometry**
  Students understand congruence and similarity using physical models, transparencies, or geometry software. They understand and apply the Pythagorean Theorem. They solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.
- **Statistics and Probability and the Number System**
  Students investigate patterns of association in bivariate data. They know that there are numbers that are not rational and approximate them by rational numbers.

What are you being Tested On?

End of Course Exams

Algebra 1

- **Algebra and Modeling**
  Students perform operations on polynomials. They understand the relationship between zeros and factors of polynomials. They use mathematical structure of expressions. They create, solve, and reason with equations and inequalities. They choose and use appropriate mathematics to model situations.
- **Functions and Modeling**
  Students understand the concept of a function. They interpret functions and key features in a context. They analyze and graph functions. They build a function that models a relationship. They construct linear, quadratic, and exponential functions. They solve problems using functions.
- **Statistics and the Number System**
  Students extend the properties of exponents to rational exponents. They use properties of rational and irrational numbers. They summarize, represent, and interpret data for one- and two-variable data. They interpret linear models.

Geometry

- **Congruence, Similarity, Right Triangles, and Trigonometry**
  Students understand congruence and similarity in terms of transformations. They prove and use geometric theorems. They demonstrate geometric constructions. They define trigonometric ratios. They solve problems involving right triangles. They use congruence and similarity criteria for triangles.
- **Circles, Geometric Measurement, and Geometric Properties with Equations**
  Students prove and apply theorems about circles. They find arc lengths and areas of sectors. They derive the equation of a circle. They use coordinates to prove theorems and to solve problems algebraically. They explain and use volume formulas.
- **Modeling with Geometry**
  Students apply geometric concepts in modeling situations.

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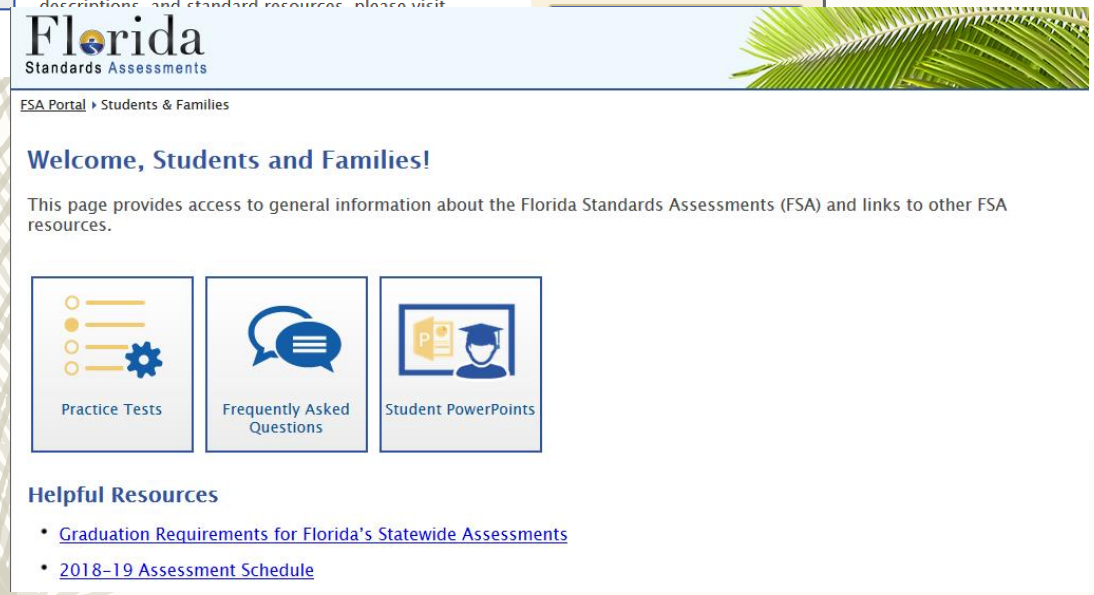
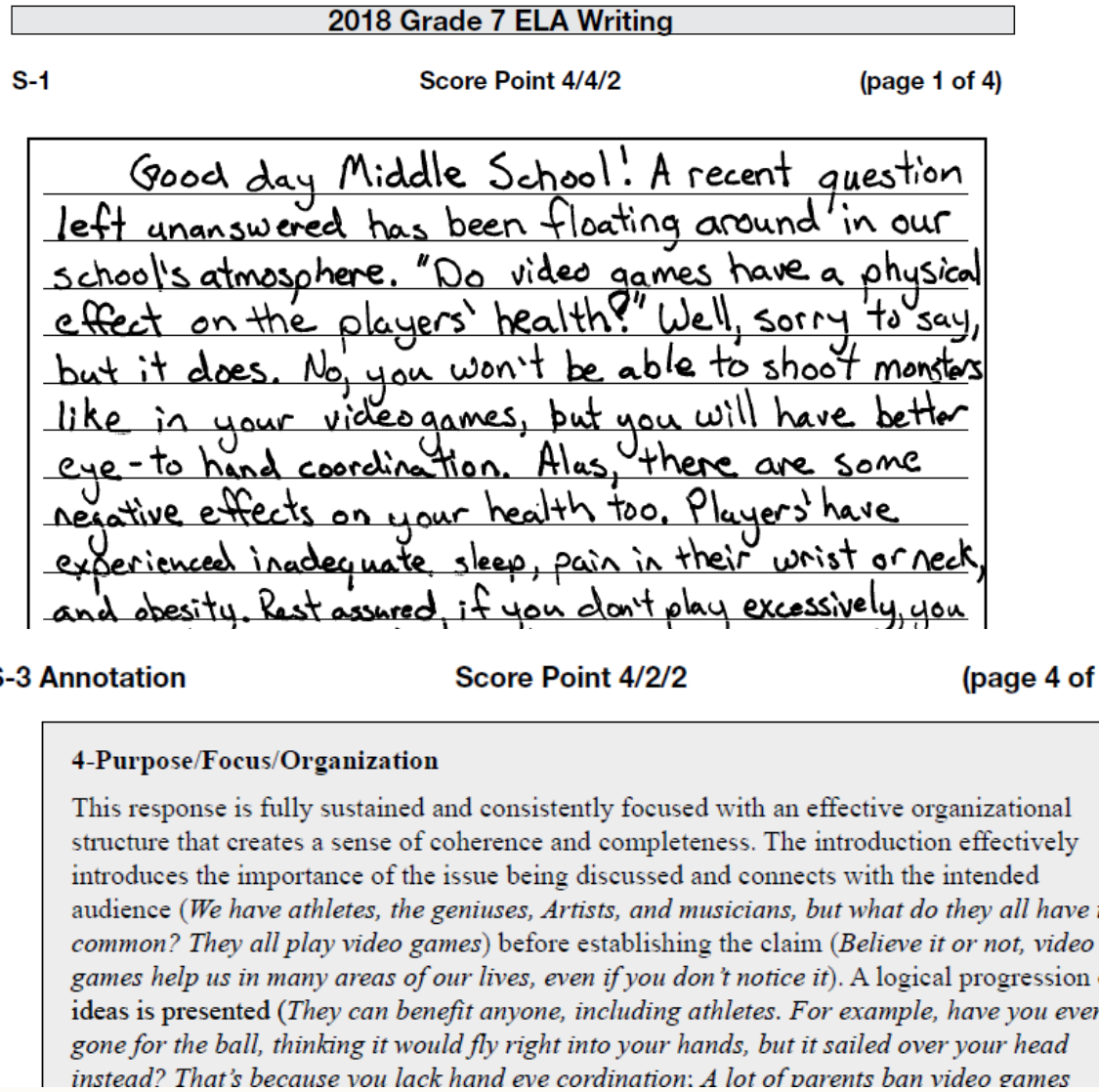
For more information about the FSA and practice tests visit:

https://fsassessments.org

FSA Portal Rocks!




2018 Grade 7 ELA Writing

S-1 Score Point 4/4/2 (page 1 of 4)

Good day Middle School! A recent question left unanswered has been floating around in our school's atmosphere. "Do video games have a physical effect on the players' health?" Well, sorry to say, but it does. No, you won't be able to shoot monsters like in your video games, but you will have better eye-to hand coordination. Alas, there are some negative effects on your health too. Players' have experienced inadequate sleep, pain in their wrist or neck, and obesity. Rest assured, if you don't play excessively, you

S-3 Annotation Score Point 4/2/2 (page 4 of

4-Purpose/Focus/Organization

This response is fully sustained and consistently focused with an effective organizational structure that creates a sense of coherence and completeness. The introduction effectively introduces the importance of the issue being discussed and connects with the intended audience (*We have athletes, the geniuses, Artists, and musicians, but what do they all have common? They all play video games*) before establishing the claim (*Believe it or not, video games help us in many areas of our lives, even if you don't notice it*). A logical progression ideas is presented (*They can benefit anyone, including athletes. For example, have you ever gone for the ball, thinking it would fly right into your hands, but it sailed over your head instead? That's because you lack hand eye cordination: A lot of parents ban video games*

Detailed PowerPoints, practice test, reference sheets, real examples with feedback! Plus more!!!

ELA - Writing Test Strategies

- Pace yourself--keep an eye on the clock.
- Remember, you are a reader first!
- Read the prompt and dissect first. What is your task?
- There are two types of prompts:
  - Argumentative – writing to explain different points of view on a topic
  - Informative – writing to explain to an audience that doesn't know anything about the topic

ELA - Writing Test Strategies

- While you read:
  - Pay attention to titles of all passages
  - Pay attention to headings, subheadings, pictures, and captions
  - Read all of the text sources and find similar evidence in multiple sources
  - Locate and use domain-specific vocabulary
  - Interact with the text while reading (underline, highlight, etc.)

ELA - Writing Test Strategies

- Planning is SO important. The difference between a "3" and a "4" in Focus/Purpose/Organization is having a good plan!
- Pace yourself so you can read, plan, write, and edit.
- Use figurative language. It spices up your writing! Using similes and metaphors shows critical thinking.

ELA - Writing Test Strategies

- Use transition words!
  - First, second, third
  - Another, also, in addition, additionally
  - Finally, however, therefore
  - In fact, for example, of course
  - On the other hand, in other words, as a result
  - Yet, still, again
  - All in all, in conclusion, in summary

ELA - Writing Test Strategies

- ALWAYS cite your evidence!
- Don't summarize--analyze! Readers want to see YOUR thinking.
- Third-person pronouns only. Leave out: I, me, we us, our, you/your.
- Elaborate on your evidence. Don't just restate it.
- Intro and conclusion paragraphs are key to your reader. They need to know what the essay is about with a little background info. They need a conclusion with a wrap-up of your thesis.
- Reread and double check for errors!

ELA – Reading Test Strategies

(In addition to writing tips)

- Pace yourself--keep an eye on the clock.
- Use the cross out feature for multiple choice. It helps to eliminate answers that you know are incorrect.
- Use the highlight feature to highlight where the answer is in the text. This will help you focus.
- This is an open book test! Go back to the text again and again!

Mathematics Test Strategies

- Pace yourself--keep an eye on the clock.
- Remember Math has a Language of it's own! (handout)
- To *really* learn "how to do" word problems, you will need to practice, practice, practice.
- Understanding vocabulary is key!
- Look for "key" words. Certain words indicate certain mathematical operations For example.....

Addition	**Subtraction**	**Multiplication**	**Division**	**Equals**
add(ed) to	decreased by	a	divided	Is
all together	difference	area	half	Are
both	fewer than	multiplied by	how many each	Was
combined	how many more	of	out of	Were
in all	left	per	percent	Will be
increase by	less	product of	quarter	Gives
more than	less than	rate	quotient of	Yields
perimeter	minus	times	percent	Sold for
plus	remaining	triple		
sum	take away	twice		
total				

Mathematics Test Strategies

- You will be given information in mathematical word problems which have nothing to do with solving the actual problem. The trick is to understand what you are being asked to find (or solve) and then ignore the information that is provided to trip you up.
- For example…

Mathematics Test Strategies

Example:

Erica and her friends had a pizza party. They ordered 8 pizzas. 1/2 of the pizzas were large combo pizzas, 1/4 of the pizzas were medium specialty pizzas, and 1/4 were medium pepperoni pizzas. They also ordered five 2-liter sodas for $1.50 each. How many medium pepperoni pizzas did Erica and her friends order?

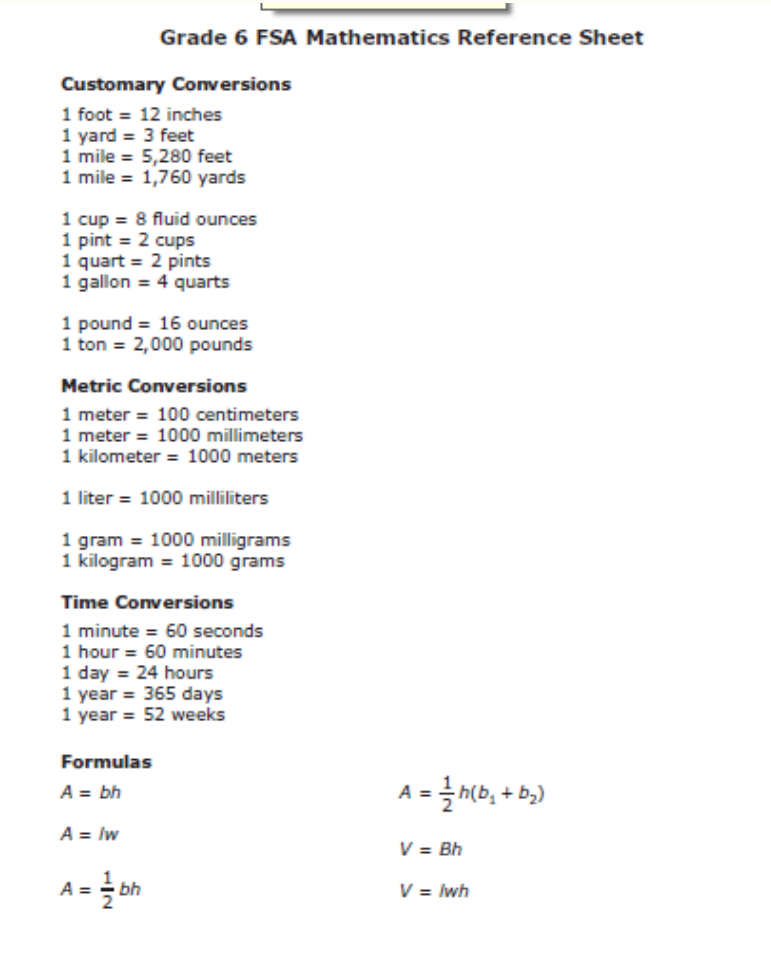
In the problem above, the question is about how many medium pepperoni pizzas were ordered. So the extra information is how many sodas and large combo pizzas were ordered by Erica and her friends. Now you can solve the problem using only the information that's necessary. Erica and her friends ordered 2 medium pepperoni pizzas. 1/2 of 8 pizzas is 4 pizzas; 1/4 of 8 pizzas is 2 pizzas

Mathematics Test Strategies

- Know your resources….
  - Can I use a calculator?
  - What is on my reference sheet

Test Day sheets

Available Online Now!



Grade 6 FSA Mathematics Reference Sheet

Customary Conversions

1 foot = 12 inches
1 yard = 3 feet
1 mile = 5,280 feet
1 mile = 1,760 yards

1 cup = 8 fluid ounces
1 pint = 2 cups
1 quart = 2 pints
1 gallon = 4 quarts

1 pound = 16 ounces
1 ton = 2,000 pounds

Metric Conversions

1 meter = 100 centimeters
1 meter = 1000 millimeters
1 kilometer = 1000 meters

1 liter = 1000 milliliters

1 gram = 1000 milligrams
1 kilogram = 1000 grams

Time Conversions

1 minute = 60 seconds
1 hour = 60 minutes
1 day = 24 hours
1 year = 365 days
1 year = 52 weeks

Formulas

$A = bh$

$A = lw$

$A = \frac{1}{2}bh$

$A = \frac{1}{2}h(b_1 + b_2)$

$V = Bh$

$V = lwh$

Overall Reminders Before Test Administration

- **Have a Positive Attitude**
  - Approach the big test as you'd approach a giant jigsaw puzzle. It might be tough, but you can do it! A positive attitude goes a long way toward success.
- **Practice and build in some familiarity!!!**
  - Practice on FSA Portal. Familiarize yourself with test structure, navigation tools, reference sheets and overall format. This will save time on test day and also ease some anxiety!
- **Night Before**
  - Rest and routine! No cramming. Positive affirmations ☺
- **Morning Of**
  - Did you know that you think better when you have a full stomach? So do not skip breakfast the morning of the test. Get to school early and do a ten-minute power study exercise right before the test, so your brain is turned on and tuned up. Ex. Light reading or test rubric/reminders

Remember to utilize everything you've learned this year. Take a deep breath. Show what you know! Your teachers are cheering for you and want you to succeed! Go ELMS Eagles!