

Jennifer Ellis Arnold Magnet Academy



## Questions

Post It notes and pens are on your table.

•If you have a question, just jot it down.

Questions & Answers at the end.

# Smart Goals

• By May 2020, 100% of all teachers will be trained on Georgia PBIS Module 3 (Consequence System for Academic Engagement) with 80% of teachers demonstrating effective implementation as measured by walk-throughs.

# Smart Goals

• By May 2020, 100% of all teachers will be trained on formative assessments with 80% of the teachers demonstrating effective implementation as measured by walk-throughs and data

## Common Core: The Shifts

- Focus from <u>high school completion</u> to college and career readiness for all students.
- Mindset moves from all students <u>can learn</u> to all students <u>will learn and demonstrate</u> <u>learning at high levels</u>.
- ELA only to <u>literacy across all content areas</u>.

#### Purpose

• Improve student achievement by <u>assessing</u> student performance on the <u>standards</u> specific to each grade level.

 Provides <u>children and their parents</u> with information on <u>preparedness for the next</u> grade level.

#### Purpose

• Identify students who are and are not achieving mastery of the learning expectations and provide enrichment & remediation opportunities.

 Assist schools in identifying <u>strengths</u> and <u>weaknesses</u> in order to establish priorities in <u>planning educational programs</u> and gives us <u>feedback about our instructional practices</u>.

# Why Change the Test?

#### Achievement - CRCT

- One time snapshot
- Looks at collective responses
- Summative
- 93% of students passed the CRCT Reading or Math Test

#### Growth - GMAS

- Looks at performance over time
- The focus is on a student's strengths and weaknesses
- Shows growth on individual standards from one grade to the next
- Shows Lexile growth from one grade to the next

# Integrated Learning

 The GMAS emphasizes learning across disciplines (ELA, Math, Social Studies, & Science). Students spend more time working together with different structures, settings, and tools in all content areas.

#### Discovery STEM Education

- Collaboration
- Communication
- Creativity
- Critical Thinking
- Real world application, problem solving, explanations
- Personalized Learning 6<sup>th</sup> Grade

### GMAS Performance Levels

Beginning Learner
Developing Learner
\*Proficient Learner

\*Distinguished Leaner

#### GMAS

- 6<sup>th</sup> & 7<sup>th</sup> Graders will take RELA & Math (EOG)
- •8<sup>th</sup> Graders will take Reading, Math, Social Studies, and Science (EOG)

•8<sup>th</sup> Graders Algebra I & Physical Science (CC)

#### Lexiles

 These Lexile bands are the basis for determining at what text complexity level students should be reading—and at which grades—to make sure they are ultimately prepared for the reading demands of college and careers.



- 9-10<sup>th</sup> 1050-1335 Lexile
- 11- 12<sup>th</sup> 1385 Lexile or Above

# GMAS Features

- ELA ~ 3 Sections, 1 Writing (60-70 Minutes / 90 Minutes)
- Math ~ 2 Sections (60-80 Minutes)
- Science ~ 2 Sections (50-70 Minutes)
- Social Studies ~ 2 Sections (50-70 Minutes)

# GMAS Features

- Constructed & Extended Response Items
   ELA & Math
- Writing Component (Response to a Text)
- Selected Response
- Norm Referenced (Compares students to other students of the same age/grade).
- Online administration

### GMAS

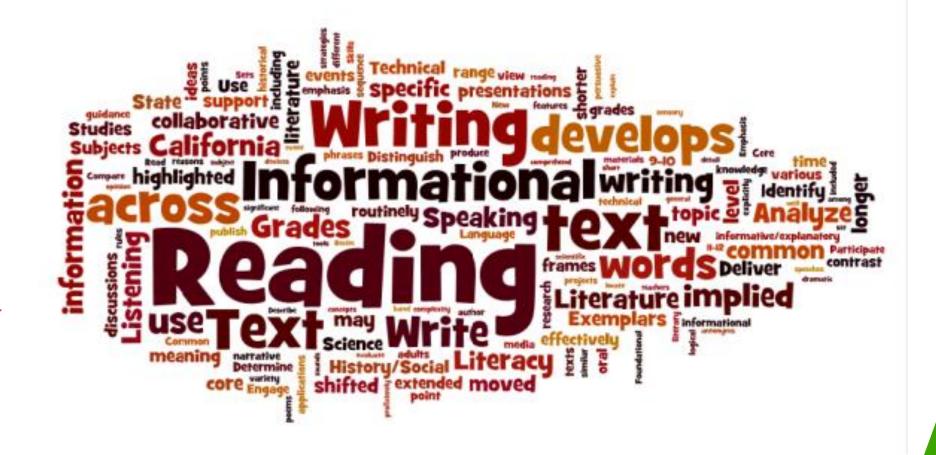
- The GMAS emphasizes critical thinking
- It requires students to
  - Analyze
  - Discuss
  - Evaluate
  - Justify
  - Students must explain their thinking & understand deeply their learning.
    - It's ok for students to struggle!

## 8th Grade Requirements

- Developing Math (Level 2)
- Developing Reading (Level 2)

8th Graders will be allowed retest if they do not meet these requirement the first time.

# Standards in RELA



# Standards in RELA

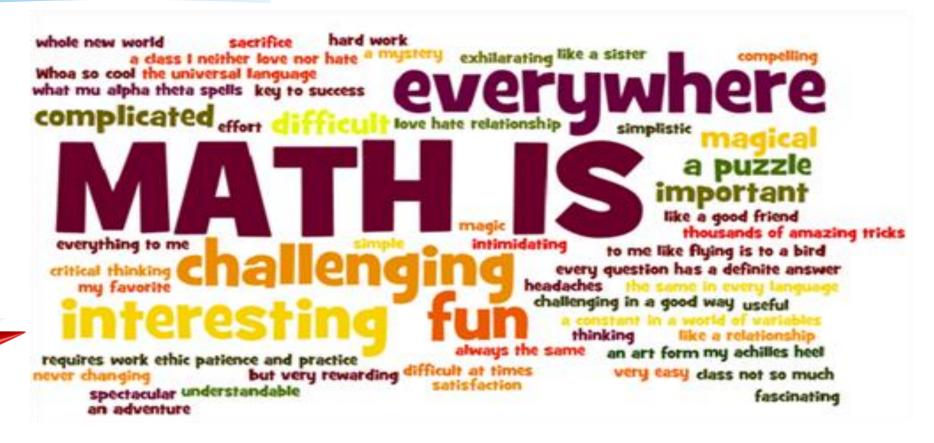
- Reading and English Language Arts will be combined and a Writing component added for every grade level.
- Writing prompts will be informative/explanatory or opinion/argumentative depending on the grade level. Students could encounter either genre.
- Use the language of the test!
- The author wrote...
- In the text it stated...
- I can infer that...
- An example is...

# GMAS ELA

#### **English Language Arts**

	Beginning	Developing	Proficient	Distinguished
6	140 to 474	475 to 524	525 to 598	599 to 820
7	165 to 474	475 to 524	525 to 591	592 to 785
8	225 to 474	475 to 524	525 to 580	581 to 730

# Standards in Math



### GMAS Features Math

- 1. Greater focus on fewer topics
- 2. Coherence: Linking topics and thinking across grades
- Rigor: Pursue <u>conceptual understanding</u>,
   procedural skills, and fluency, and <u>application</u> <u>with intensity</u>
- 4.IXL & 2018-2019 Textbook Adoption Go Math

# GMAS Math

		Beginning	Developing	Proficient	Distinguished
Mathamatica					
Mathematics	6	285 to 474	475 to 524	525 to 579	580 to 700
	7	265 to 474	475 to 524	525 to 579	580 to 740
	8	275 to 474	475 to 524	525 to 578	579 to 755

### Teachers!

- Teach Georgia Standards of Excellence
- Differentiated, rigorous high quality instruction for all learners
- Support the social and emotional development of all our students
- Discovery Education
- Achieve 3000, Lexia, IXL
- Go Math
- Georgia Collections
- Gallopade
- Tutoring, Clubs, SEL Classes, Sports, Technology, Dram
- Be Positive and Encourage our Students

#### Parents!

- Encourage your child to use good study habits and test taking skills.
- Explain the purpose of the test. Point out that some items may be more difficult than others.
- Make sure they get sleep and eat a good breakfast.
- Make sure your child is at school on time.
- Show your concern and ask about how the test is going each day.
- Encourage your child to read daily, buy books, math games, and incorporate learning into your daily tasks and road trips.

### Students!

- Read directions carefully.
- Use the entire time period.
- Read the questions first, then tackle reading the text.
- Eliminate unlikely answers.
- Annotate the test (Highlighting Tools, Blocking Tool, Eraser, Highlighter, Magnifying Glass, Mark for Review, Online Calculator Option Eliminator, Scratch Pad)
- Look for clues in the questions and answers.
- Mark-questions you want to come back to later.
- Check your work.
- Use the strategies you've been taught.
- Value your learning! Preparing for their future!

# GMAS Domains

The charts below show the approximate weights for domains on each Georgia Milestones Assessment in grades 3 through 8 and high school. Each Georgia Milestones Assessment is aligned to the state-mandated content standards.

GEORGIA MILESTONES	Approximate Percent of Test by Domain & Grade					
in Grades 3 - 8	3	4	5	6	7	8
ENGLISH LANGUAGE ARTS						
Reading and Vocabulary	53%	53%	53%	53%	53%	53%
Writing and Language	47%	47%	47%	47%	47%	47%
MATHEMATICS						
Operations and Algebraic Thinking	25%	20%	10%			
Number and Operations	35%					
Number and Operations in Base 10		20%	25%			
Number and Operations - Fractions		30%	30%			
Measurement and Data	30%	20%	20%			
Geometry	10%	10%	15%	18%	23%	28%
The Number System				30%	21%	
Ratios and Proportional Relationships				12%	19%	
Statistics and Probability				17%	20%	12%
Numbers, Expressions & Equations						20%
Expressions and Equations				23%	17%	
Algebra & Functions						40%

## GMAS Domains 8th Grade

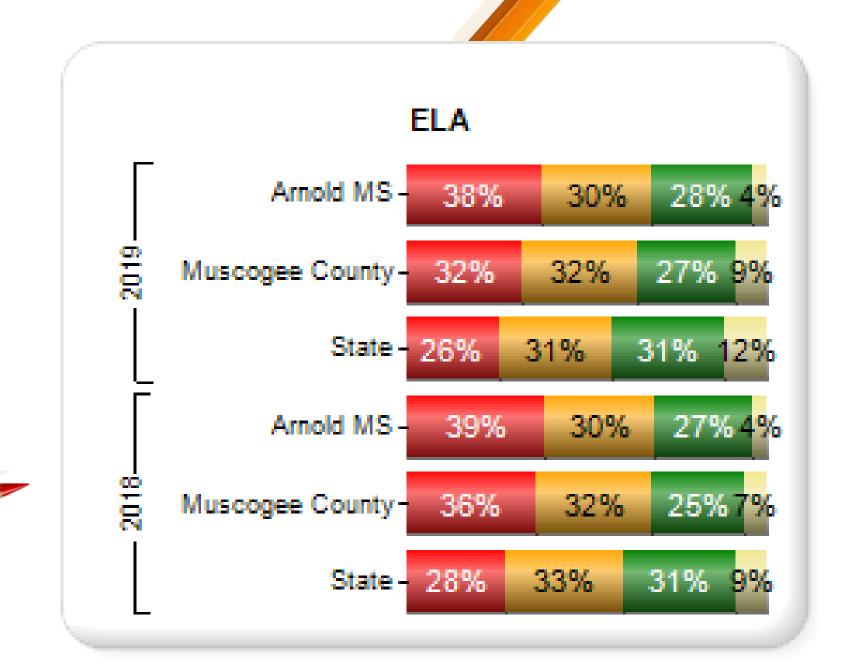
	5	-
Science	Matter	28%
	Energy	18%
	Motion	15%
	Waves	24%
	Force	15%
Social Studies	History	50%
	Geography	15%
	Government/Civics	20%
	Economics	15%

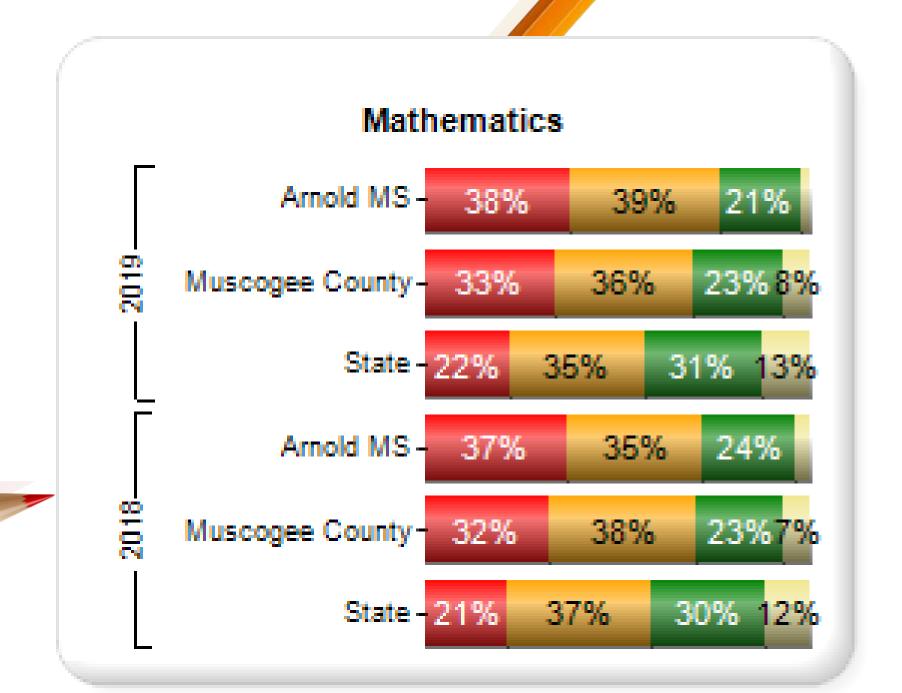


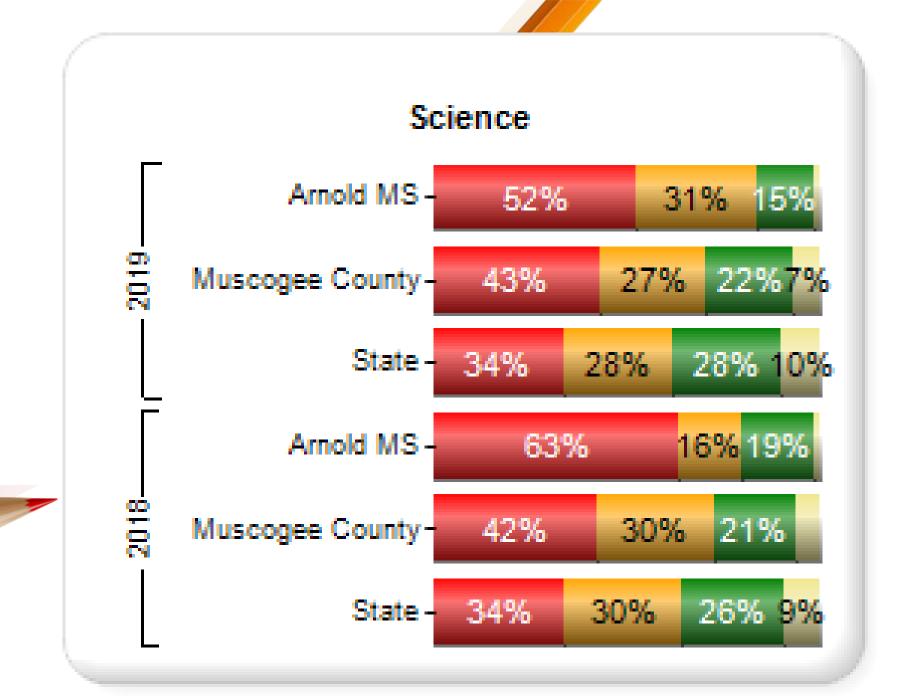
### What's your WHY?

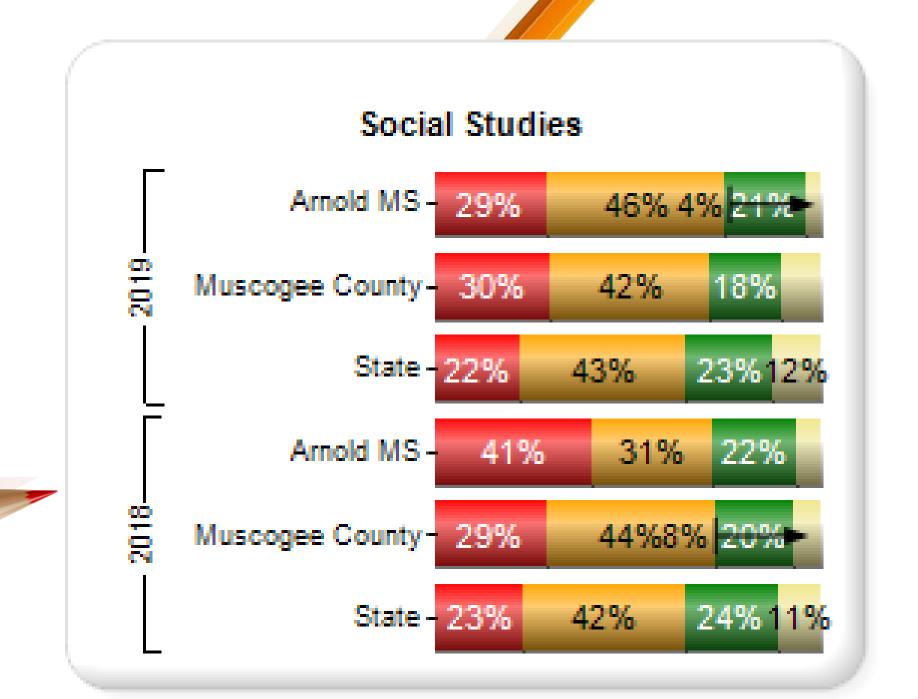
## Why #1



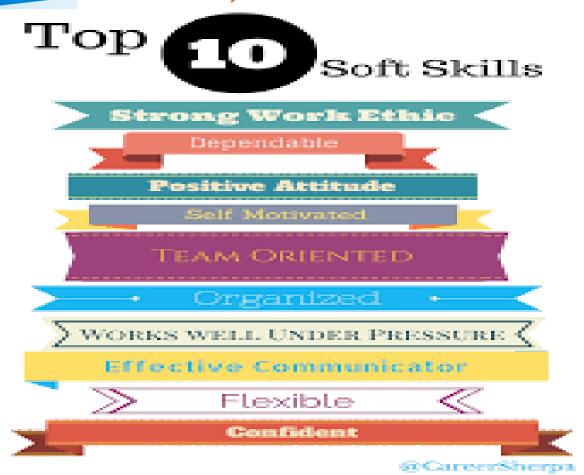








## The Why #2



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#### Why #3

#### Top STEM Jobs for the Future

- Dental Hygienists
- Physical Therapists
- Medical Scientists
  - Civil Engineers
- Registered Nurses
- Computer Systems Analysts
  - Management Analysts
- Software Developers, Systems Software
  - Physicians /Surgeons
    - Film Industry

# Educational Quote

"Education is a <u>shared commitment</u> between <u>dedicated teachers</u>, <u>motivated students</u>, and <u>enthusiastic parents</u>."



# Questions

### Any Questions?

### Assistance

Jennifer Ellis Academic Coach Monday – Friday 8:00 am – 4:00 pm (706) 748-2436

Resources, Tutorials, Questions