

# **Gifted Program Review Progress Update**

## **May 30, 2014**



SUCCESS FOR EVERY STUDENT, EVERY DAY



## **Gifted Program Review Progress Update May 30, 2014**

10/10/13 – Academic Standards Committee presentation

11/ 6/13 – Meeting to prioritize recommendations

2/21/14 – Gifted Mission meeting

3/26/14 – Gifted Mission ‘word-smithing’ meeting

Ongoing committee meetings



SUCCESS FOR EVERY STUDENT, EVERY DAY



# **Gifted Program Review Progress Update**

## **May 30, 2014**

1. Mission Statement and Shared Values
2. Infusing Mathematics into the Primary Level Gifted Support Program
3. Increasing Rigor at the Middle School Level



SUCCESS FOR EVERY STUDENT, EVERY DAY



# **Gifted Program Review Progress Update**

## **May 30, 2014**

### **Mission Statement and Shared Values**

**Dr. Daneyelle Jordan**  
**School Psychologist**



SUCCESS FOR EVERY STUDENT, EVERY DAY



# **Gifted Program Review Progress Update**

## **May 30, 2014**

### **Timeline of Events**

**November 2013:** Gifted Program Review Planning Meeting

**March 2014:** Gifted Program Mission Statement Planning Meeting

**April 2014:** Mission Statement Sub-Committee Meeting



SUCCESS FOR EVERY STUDENT, EVERY DAY



# Gifted Program Review Progress Update

## May 30, 2014

### Mission Statement

The CRSD Gifted Program enhances the educational experience for gifted students to develop individual strengths. In the pursuit of knowledge and wisdom, our program fosters creativity and innovative thinking to develop self-directed learners who will be meaningful contributors in an ever changing global society.



SUCCESS FOR EVERY STUDENT, EVERY DAY





# Gifted Program Review Progress Update

## May 30, 2014

### Shared Values

The Council Rock School District Gifted Program will:

- meet students' individual needs
- enrich student interest and abilities
- foster communication between educators, parents, and students
- provide a curriculum with appropriate rigor, challenge, and choice
- offer opportunities for academic interaction with like ability peers as well as the entire school community
- encourage critical and creative exploration of ideas
- approach instruction through inter-disciplinary and thematic study
- enrich and accelerate when appropriate
- recognize the social and emotional characteristics of the learner



SUCCESS FOR EVERY STUDENT, EVERY DAY



**Gifted Program Review Progress Update  
May 30, 2014**

**Infusing Mathematics into the Primary Level  
Gifted Support Program**

**Dr. Julie Eastburn, Mathematics Curriculum Coordinator**

**Mrs. Amy Smith, Gifted Support Teacher, HES**

**Mary Doherty, Math Specialist, CES/HCES**

**Charyl Kerns Hills, Math Specialist, GES**



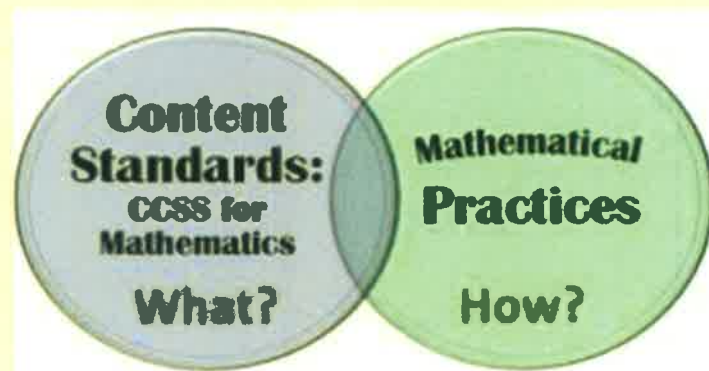
SUCCESS FOR EVERY STUDENT, EVERY DAY





## Gifted Program Review Progress Update









- Adding Math to the 2<sup>nd</sup> and 3<sup>rd</sup> grade program
- Ongoing process
- Math Specialist and Humanities teachers
- Common Core Standards and Math Practices
- Math Practices are key, especially perseverance
- Focus on problem solving



SUCCESS FOR EVERY STUDENT, EVERY DAY



# Gifted Program Review Progress Update

Practice Standards		
1		I can solve problems without giving up.
2		I can think about numbers in many ways.
3		I can explain my thinking and try to understand others.
4		I can show my work in many ways.
5		I can use math tools and tell why I chose them.
6		I can work carefully and check my work.
7		I can use what I know to solve new problems.
8		I can discover and use shortcuts.



SUCCESS FOR EVERY STUDENT, EVERY DAY



# Ocean Math



How big is a whale?  
How would you weigh a whale?

Which is bigger a whale  
or an elephant?



# Gifted Program Review Progress Update

What percent of the earth is water? What fraction?

## Oceans

Almost 70 % of the Earth's surface is covered by oceans.

Color 70 boxes blue to represent the oceans. Color 30 boxes green to represent the land.




SUCCESS FOR EVERY STUDENT, EVERY DAY



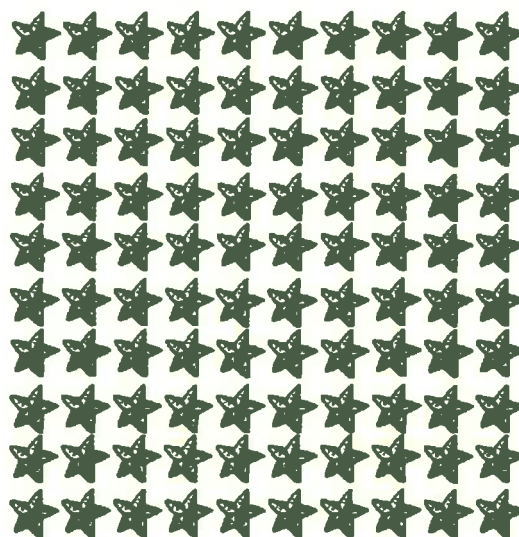


# Gifted Program Review Progress Update

## Sea SQUARES

Make squares with the starfish. How many can you make from these starfish?

Here's a start. 1 row of 1 is a square. 10 rows of 10 is a square.



SUCCESS FOR EVERY STUDENT, EVERY DAY



# Gifted Program Review Progress Update

## Measuring SHELLS

Estimate and then measure. Record.

### 1. LINEAR

	Estimate	Actual
Length		
Width at widest part		
Width at narrowest part		
Circumference at widest part		
Circumference at narrowest part		
Height from surface		

### 2. MASS



	Estimate	Actual
grams		

### 3. VOLUME



	Estimate	Actual
milliliters or cubic centimeters		



## Investigating SHELLS

Problem: Which shell has the most space for the soft bodied mollusk that lived inside?

Hypothesis: If a shell has more space inside, then it will hold more water.



1. Observe 5 shells. Predict which one will hold the most water. Sketch them in order from most space to least space.

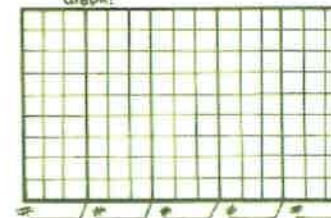
Most →

--	--	--	--	--

← Least

2. Measure and record the amount of water each shell holds.

Shell #	Water



3. How do your results compare with your prediction?

4. Conclusion: \_\_\_\_\_



SUCCESS FOR EVERY STUDENT, EVERY DAY





# **Gifted Program Review Progress Update May 30, 2014**

## **Increasing Rigor at the Middle School Level**

**Mr. Dean Hentz  
Social Studies Curriculum Coordinator**



SUCCESS FOR EVERY STUDENT, EVERY DAY



# **Gifted Program Review Progress Update**

## **May 30, 2014**

### **AN INTEGRATED CURRICULUM MODEL**

Appropriate curricula for gifted learners embrace three equally important and integrated dimensions (Van Tassel-Baska, et al., 1988)

### **ADVANCED CONTENT-BASED MASTERY**

### **RESEARCH/PROCESS/PRODUCE**

### **EXPLORATION OF ISSUES, THEMES, AND IDEAS**



SUCCESS FOR EVERY STUDENT, EVERY DAY



# **Gifted Program Review Progress Update**

## **May 30, 2014**

### **ADVANCED CONTENT-BASED MASTERY**

#### **RESEARCH/PROCESS/PRODUCE**

#### **EXPLORATION OF ISSUES, THEMES, AND IDEAS**

- allows gifted learners to move more rapidly through the curriculum
- mastery of basic knowledge and skills allow moves to higher levels
- advanced curriculum made available when readiness demonstrated



SUCCESS FOR EVERY STUDENT, EVERY DAY



# Gifted Program Review Progress Update

## May 30, 2014

### GRADE 7 ACCELERATION/COMPACTING PROPOSAL

Q1	Q2	Q3	Q4
GREECE	ROME	EARLY M.A.	LATE M.A.

color key

Gifted Class	Gifted Enrichment
--------------	-------------------



SUCCESS FOR EVERY STUDENT, EVERY DAY



# **Gifted Program Review Progress Update**

## **May 30, 2014**

### **ADVANCED CONTENT-BASED MASTERY**

### **RESEARCH/PROCESS/PRODUCE**

#### **EXPLORATION OF ISSUES, THEMES, AND IDEAS**

- in-depth (small-group and independent) learning opportunities
- pursuit of real and meaningful investigations
- problem solving, research, and experimental design for investigations



SUCCESS FOR EVERY STUDENT, EVERY DAY

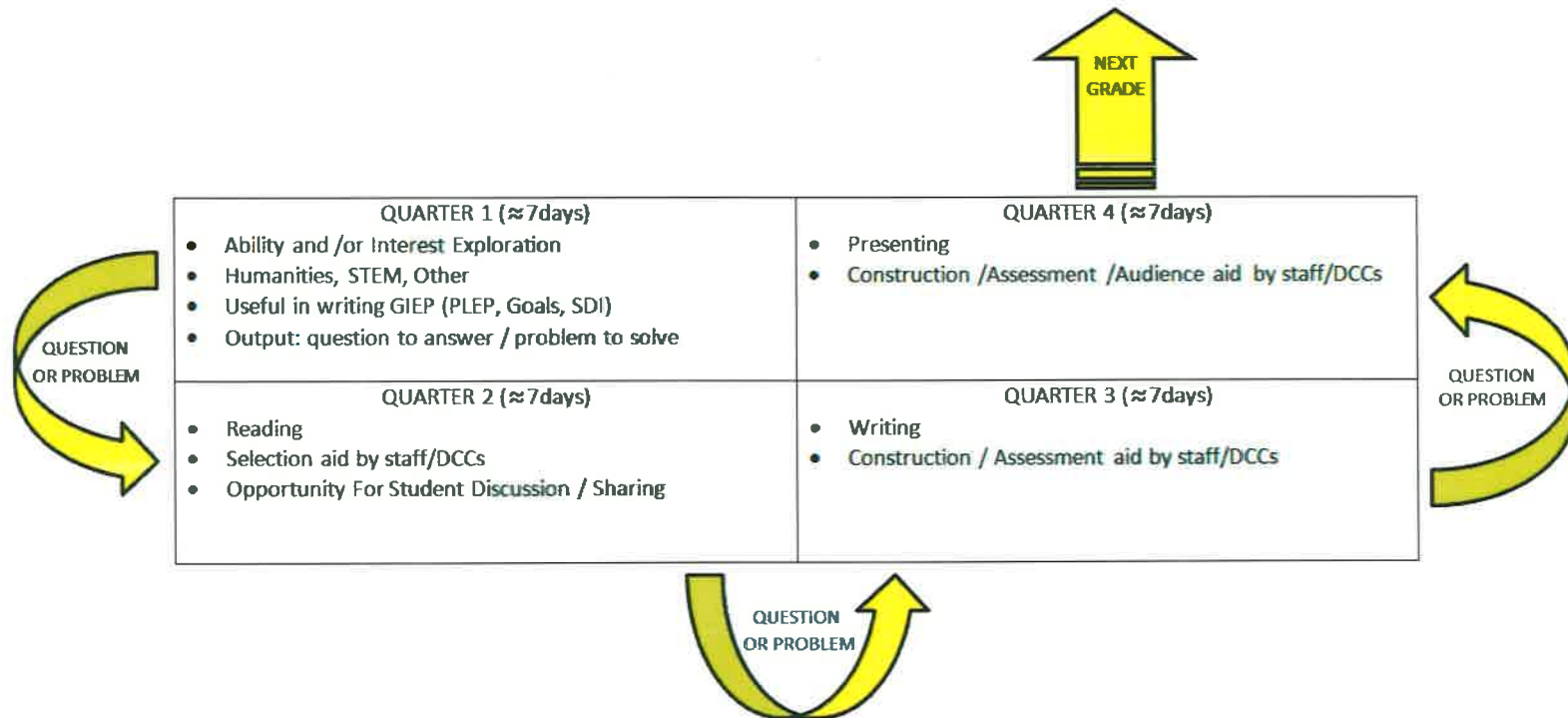




GREECE	ROME	EARLY M.A.	LATE M.A.

# Gifted Program Review Progress Update

## May 30, 2014



### EXPLANATIONS

Literacy Based (PA Core Standards)

Individualized

Output

- Portfolio Collection
- Work Product – SDI & Goals

Extension Examples (PIAS, NHD, Mathcounts, RO)

Variation

- Question / Problem Prescribed
- Facilitated Via CR Staff In "Workshop"

A First Step, Not A Final Product



# **Gifted Program Review Progress Update**

## **May 30, 2014**

### **ADVANCED CONTENT-BASED MASTERY**

### **RESEARCH/PROCESS/PRODUCE**

### **EXPLORATION OF ISSUES, THEMES, AND IDEAS**

- within and across curriculum areas
- concepts and ideas as organizers for educational experiences
- allow students to see the integrated nature of academic disciplines



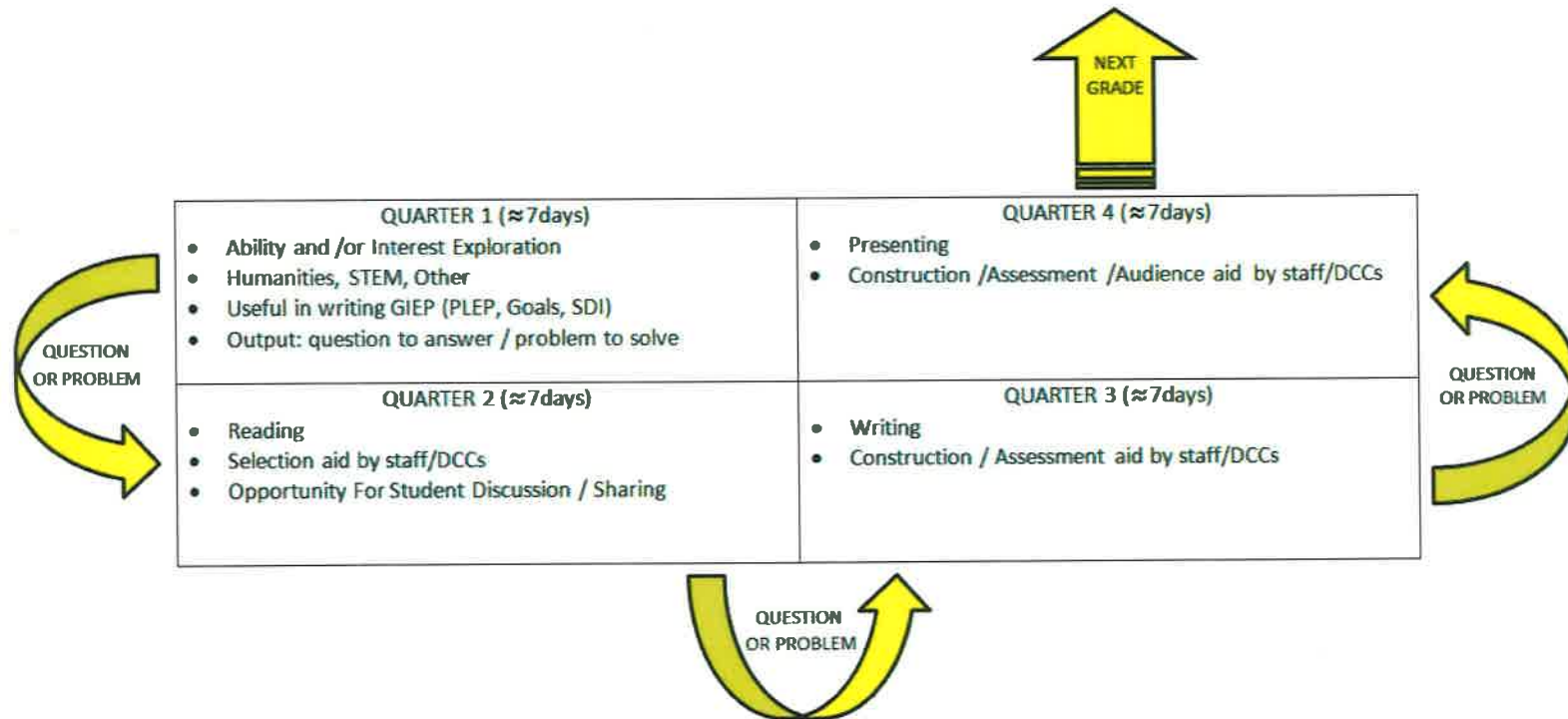
SUCCESS FOR EVERY STUDENT, EVERY DAY



GREECE	ROME	EARLY M.A.	LATE M.A.

# Gifted Program Review Progress Update

## May 30, 2014



### EXPLANATIONS

Literacy Based (PA Core Standards)

Individualized

Output

- Portfolio Collection
- Work Product – SDI & Goals

Extension Examples (PJAS, NHD, Mathcounts, RO)

Variation

- Question / Problem Prescribed
- Facilitated Via CR Staff In “Workshop”

A First Step, Not A Final Product