


**C<sup>2</sup> CURRICULUM COUNCIL**  
Building System Capacity **2012 – 2013**

**Math Update**

Mary Headley  
Fredric Noriega



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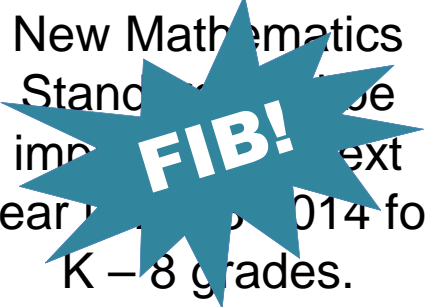
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**New Mathematics Standards will be implemented next year (2014) for K – 8 grades.**



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**New Math Standards will be implemented:**

- 2014-2015: *Grades K – 8*
- 2015-2016: *High School Courses*

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Districts should begin preparing new mathematics standards during the 2013-14 year.

**FACT**

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2013-2014 School Year

1. Complete a **Side by Side Study**
2. Conduct a **Gap Analysis**
3. Outline Specific **Instructional Considerations**

**Region 13 can help!**

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Support from ESC Region 13

**Part I:**  
**NEW STANDARDS STUDY**  
 Exploring the New Math Standards K-8

- Side by Side study - current vs. new
  - The **WHAT**
- Process and a Tool for Gap Identification and Instructional Implications for 2013-14.
  - **THE WHERE**

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CURRICULUM COUNCIL					
Current 2 <sup>nd</sup> grade TEKS	New 2 <sup>nd</sup> grade TEKS	Instructional Considerations		Current 3 <sup>rd</sup> grade TEKS	New 3 <sup>rd</sup> grade TEKS
		2013-14	2014-15		
<b>Knowledge &amp; Skills Statement:</b> The student organizes data to make it useful for interpreting information. The student is expected to: 2.11A Construct picture graphs and bar type graphs.	<b>Knowledge &amp; Skills Statement:</b> The student applies mathematical process standards to solve problems and solving problems. The student is expected to: 2.11B Organize a collection of data with up to four categories using pictographs and bar graphs with intervals of one or more.			<b>Knowledge &amp; Skills Statement:</b> The student will construct an... ...student is expected to: 3.13B Interpret information from pictographs and bar graphs. 3.13C Use data to describe events as more likely than, less likely than, or equally likely as...	<b>Knowledge &amp; Skills Statement:</b> The student applies mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data. The student is expected to: 3.8A Summarize a data set with multiple categories using a frequency table, dot plot, pictograph, or bar graph with scaled intervals.

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Current 5 <sup>th</sup> grade TEKS	New 5 <sup>th</sup> grade TEKS	Instructional Considerations		Current 6 <sup>th</sup> grade TEKS	New 6 <sup>th</sup> grade TEKS
		2013-14	2014-15		
None	<b>Knowledge &amp; Skills Statement:</b> The student applies mathematical process standards to develop and use strategies and methods for positive rational number... ...The student will be...			<b>Knowledge &amp; Skills Statement:</b> The student adds, subtracts, multiplies and divides to solve problems and justify solutions. The student is expected to: 6.2B Use addition and subtraction to solve problems involving fractions and decimals.	<b>Knowledge &amp; Skills Statement:</b> The student applies mathematical process standards to represent addition, subtraction, multiplication, and division while solving problems and justifying solutions. The student is expected to: None
None	6.3H Represent and solve addition and subtraction of fractions with unequal denominators referring to the same whole using objects, and pictorial models and properties of operations.			None	None

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**CURRICULUM COUNCIL**

## Support from ESC Region 13

### Part II:

### PROFESSIONAL DEVELOPMENT

#### Teaching the New Math Standards

- *The HOW*

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Focal Points



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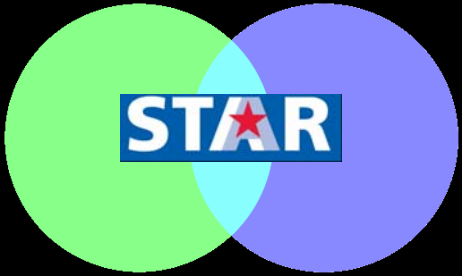
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2015 Implications



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### Summing it Up!

**K-8 teachers**

- Continue to use the **current standards.**
- Begin to bridge the gap to the new standards.

**HS teachers**

- Begin study of the new standards.

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### Contact Information

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