

Weekly Sheet for 3rd grade STEM

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Week # 5, September 26th –September 30th, 2011

We have reached our Math goal for the month of September and have covered all the concepts planned for the month so the plan for this week is to use the 1st 15 minutes of what would normally be our math period for revision of concepts covered during the month with the use of Math Drills etc. and the rest of the class time will be spent learning Science.

MATHEMATICS/SCIENCE

Topics/Content/Skills: SCIENTIFIC NOTATION

- Understand the relevance of scientific notation
- Convert numbers in standard form to scientific notation and vice versa

	In Class	Homework Assignment
Monday (10:00- 10:55)	<p>1)Understand the relevance of scientific notation</p> <ul style="list-style-type: none">• Teacher explains that scientific notation is a shorthand method scientists use for writing very large or very small numbers.• Example 5.67×10^6 , label coefficient, base and exponent• The average distance between the sun and the earth is 149 million kilometers , in standard form (1.49×10^6) <p>2)Convert numbers in scientific notation to standard form</p> <p>Ex.1 Change 6.03×10^7 to standard notation.</p> <p>Ex. 2 Change 4.56×10^8 to standard notation. Teacher will demonstrate on the board how these numbers in scientific notation can be written in standard form.</p>	

<p>Monday (computer room) (11:00-11:55)</p>	<p>PRACTICE: Students will be placed in groups and given numbers to convert from scientific notation to standard form on construction paper. Teacher will assist students who need help.</p> <p>Review Place Values using computer game http://www.ixl.com/math/grade-3</p>	
<p>Tuesday (9:00-9:55)</p>	<p>Review Last Week's Test</p>	<p>Stem Writing Assignment: Pick an African American scientist who has invented something that you use very often or that you like very much: 1) Who is this scientist (briefly talk about his life and his education) 2) What was his invention 3) How important is this invention to you or the world (due next week Monday)</p>
<p>Wednesday (9:00-9:55)</p>	<p>1) Revision: Place Values (adding/subtraction 1, 10, 100, 1000) (WORKSHEET) (1st 15 minutes)</p> <p>2) Convert numbers in standard form to scientific notation</p> <p>Ex. 1 Change 75 560 000 to scientific notation</p> <p>Ex. 2 Change 56 760 000 000 to scientific notation</p> <p>PRACTICE: 2 questions</p>	<p>Work sheet (Convert numbers in scientific notation to standard form and vice versa) H.W due on Thursday</p>
<p>Thursday (10:00-10:55)</p> <p>(11:00-11:55)</p>	<p>Review Scientific Notation using worksheets from superteacher.com</p> <p>Review Place Values (Number Patterns) Using work sheets from superteacher.com</p>	
<p>Friday (9:00-9:55)</p>	<p>Competition (Scientific Notation questions)</p>	

(1:00-1:55)	Test on Scientific Notation	
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