



Weekly Sheet for 3rd grade STEM

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Week # 2, September 6th – 9th, 2011

Topics/Content/Skills:

MATHEMATICS

PLACE VALUES /NUMBER PATTERNS/

- Compare and order 4-digit numbers
- Count on or back by 1, 10, 100, or 1000
- Recognize number patterns involving counting on or back by ones, tens, hundreds, and /or thousands

	In Class	Homework Assignment
Tuesday	1) Compare and order 4-digit numbers <ul style="list-style-type: none"> • Compare 349 and 2349 also 2358 and 2458 which is bigger? • GAME: Use cards with 3 and 4 digit numbers, divide students into groups, choose team leader, give leader a portion of cards, each team must line up the numbers in order, 1st team to finish wins. 2) Count on or back by 1, 10, 100 or 1000 <ul style="list-style-type: none"> • Use number discs or index cards with numbers to place a 4 digit number on the place value chart and call on students to give the number that is one more or one less, 10 more etc • Repeat without number discs Practice: textbook pg 14 and tasks 1-4, and also pp 15-16	W.B Exercise 3
Wednesday	1) Recognize number patterns involving counting on or back by ones, tens, hundreds, and /or thousands <ul style="list-style-type: none"> • Give students worksheets with such number patterns and allow them to find missing numbers Practice: text book pg 17	W.B Exercise 4
Thursday	REVISION AND PRACTICE OF ALL CONCEPTS COVERED IN PLACE VALUES (in preparation for test on Friday) <ul style="list-style-type: none"> • Student helping students • Teacher spending extra time with those who need help while allowing others to work on 	Worksheets from superteacher.com

	regular worksheets and others on advance worksheets	
Friday	Test (all math concepts covered in place values)	

TOPICS/CONTENT/SKILLS

Review and Introduction to Physics (Scientific Measurements)

Experimenting is a very important part of Science and most experiments involve measuring.

- Units of Measurement
- Conversions

Thursday	In Class	Homework Assignment
	<ul style="list-style-type: none"> • Review definitions of length, mass, volume, density and temperature • Review temperature activity <p>1) Units of Measurement Introduce the various units of measurement</p> <p>2) Conversions</p> <ul style="list-style-type: none"> • Convert cm to m and vice versa • Convert g to kg and vice versa • Convert ml to l and vice versa <p>(Show examples on the board then divide students into two groups to practice, teacher provides assistance as needed.)</p>	Conversion worksheet from superteacher.com
Friday	Test (definitions/actual measurements)	