



**Weekly Sheet for 4<sup>th</sup> grade STEM**

**Mrs. Cindy Capitolin Laurent**

[ccapitolin@parksideca.org](mailto:ccapitolin@parksideca.org)

**Week # 10, November 7th–November 11th, 2011**

**November School Wide Memory Verse:**

**Galatians 3:14: He redeemed us in order that the blessing given to Abraham might come to the gentiles through Christ Jesus, so that by faith we might receive the promise of the Spirit.**

**TEST ON FRIDAY: DIVISION (4 digit by a 1 digit number and division by 10), ELEMENTS, MOLECULES, COMPOUNDS, MOLES**

**MATH: DIVISION OF WHOLE NUMBERS /Division by a 1-digit number and by 10/**

- Divide a 4-digit number by a 1-digit number and estimate the quotient
- Divide by 10
- Solve word problems of up to 3 steps

	<b>In Class</b>	<b>Homework Assignment</b>
<b>Monday</b>	1) Divide a 4-digit number by a 1-digit number and estimate the quotient 2) Divide by 10 <ul style="list-style-type: none"> <li>• Teacher will first demonstrate how to estimate the answer and then go step by step (steps will be written down) through the division algorithm to find the actual answer</li> <li>• <b>REVIEW: (division of 2 and 3 digit numbers) ex. 1: 53 divided by 2, ex.2: 461 divided by 3 (USE THE TERM QUOTIENT AND REMAINDER)</b></li> <li>• 4-digit number examples: 4608 divided by 3, 4540 divided by 5</li> <li>• DIVIDING BY 10: eg 40/10, 400/10, 440/10</li> </ul>	Work book: pg 28: Due on Tuesday

	<b>PRACTICE: WORKBOOK</b> pg 27	
<b>Tuesday</b>	DIVISION IS SOMETIMES DIFFICULT FOR STUDENTS TO GRASP SO MORE TIME WILL BE SPENT ON DIVISION; MORE EXAMPLES, MORE PRACTICE AND INDIVIDUAL HELP <b>ADVANCED QUESTIONS:</b> (Dividing by 2 digit numbers) Refer to 5A textbook pg 28 and 29	
<b>Wednesday</b>	MORE PRACTICE ON DIVISION WORD PROBLEMS: Work book pg 29-30	Division Worksheet: Due on Thursday
<b>Thursday (computer room)</b>	<a href="http://www.ixl.com">www.ixl.com</a> (division practice) (Word Problems)	
<b>Friday</b>	More revision and then TEST	

### SCIENCE: ATOMIC PHYSICS

- Define element, molecule, compound, mole
- Differentiate between the different kinds of bonds; covalent bonds etc

	<b>In Class</b>	<b>Homework Assignment</b>
<b>Tuesday</b>	1) Review definitions of molecule, compound, mole and understand how molecules and compounds are formed  EXPERIMENT: FUN WITH GAS; MAKING CO <sub>2</sub> TO BLOW UP A BALLOON USING BAKING SODA and VINEGAR  2) Differentiate between the different kinds of bonds; covalent bonds etc <b>Animations</b> of ionic and covalent bonds will be shown ( <a href="http://www.youtube.com/watch?v=1wpDicW_MQQ&amp;NR=1">http://www.youtube.com/watch?v=1wpDicW_MQQ&amp;NR=1</a> )	Worksheet with questions on molecule, compound, mole due on Wednesday
<b>Wednesday</b>	TOWER PROJECT: Students will begin working on their individual towers	
<b>Friday</b>	Review/TEST	