



Weekly Sheet for 3rd grade STEM

Mrs. Cindy Capitolin Laurent

ccapitolin@parksideca.org

Week # 8, October 17 –October 21st, 2011

ON FRIDAY STUDENTS WILL BE TESTED ON ATOMS, ELEMENTS AND ALL THE CONCEPTS COVERED THIS WEEK (MULTIPLICATION).

MATHEMATICS/SCIENCE

Topics/Content/Skills: MULTIPLICATION

- Multiply tens and hundreds by a 1-digit number
- Write multiplication problems vertically
- Relate the term PRODUCT to multiplication
- Multiply a 2-digit number by 2, 3, 4, or 5 with renaming only in the tens
- Multiply a 2-digit number by 2, 3, 4, or 5 with renaming only in the ones
- Multiply a 3-digit number by 2, 3, 4, or 5
- Learn multiplication facts for 6, 7, 8, and 9
- Multiply numbers up to 1000 by 6, 7, 8, or 9

	In Class	Homework Assignment
Monday (Computer Lab)	1) Multiply tens and hundreds by a 1-digit number 2) Write multiplication problems vertically 3) Relate the term PRODUCT to multiplication <ul style="list-style-type: none"> • Teacher will use computer program to illustrate multiplying by tens and hundreds. (3×2, 30×2, 300×2, 400×8, 500×10) • Teacher will demonstrate how to multiply these numbers by writing multiplication problems vertically. 	

	<ul style="list-style-type: none"> The term product will be used throughout the class <p>PRACTICE: Computer Game</p>	
Tuesday	<p>1) Multiply a 2-digit number by 2, 3, 4, or 5 with no renaming</p> <p>2) Multiply a 2-digit number by 2, 3, 4, or 5 with renaming only in the ones and then the tens</p> <p>3) Multiply a 3-digit number by 2, 3, 4, or 5</p> <ul style="list-style-type: none"> Teacher will use place value chart and number discs to demonstrate to students who need extra help (students will be placed into different groups and the advance students will be given higher level multiplication problems) Examples which will be used: 1) 42×2, 32×3 2) 25×3, 24×3, 65×4, 75×5 3) 476×3 <p>PRACTICE: Workbook Exercise 21</p>	H.W: Textbook pg 55 and 56
Wednesday	<p>1) Learn multiplication facts for 6, 7, 8, and 9</p> <ul style="list-style-type: none"> Students will make their own flash cards and test each other Students will also multiply numbers less than 1000 by 6, 7, 8 and 9 	
Thursday	<p>REVIEW: Multiplication game will be played using 4 sets of number cards labeled 0-9 and a cube labeled 2, 3, 3, 4, 4, 5 (Teacher's manual pg 69)</p>	

SCIENCE: ATOMIC PHYSICS

- Make a model atom
- Define and use atomic number and mass number
- Memorize the 1st 20 elements and their symbols

	IN CLASS	HOMEWORK ASSIGNMENT
Monday	<p>LAB: Each student will make a model atom using fruit loops and paper plates. Elements will be introduced and students will be given different atoms. They will be</p>	

	required to use the atomic number and mass number of these elements to determine the number of protons and neutrons and electrons in their atoms.	
Thursday	TOWER PROJECT Students will work on building their group towers.	