



Weekly Sheet for 3rd grade STEM

Mrs. Cindy Capitolin Laurent

ccapitolin@parksideca.org

Week # 10, October 31st –November 4th, 2011

TEST ON FRIDAY:

- **Math topics: MULTIPLICATION/DIVISION**
- **Science topics:**
ATOMS: structure, calculating number of protons, electrons, neutrons and quarks
ELEMENTS (the 1st 10 elements and their symbols)

MATH: DIVISION

- Understand the concept of a remainder in division
- Relate the terms quotient and remainder to division
- Understand the vertical representation for division (division algorithm)
- Divide a 2-digit number by 2, 3, 4, or 5
- Divide a 3-digit number by 2, 3, 4, or 5

	In Class	Homework Assignment
Monday (Computer Lab)	www.ixl.com will be used to review Multiplication	
Tuesday	1) Understand the concept of a remainder in division 2) Relate the terms quotient and remainder to division 3) Understand the vertical representation for division (division algorithm) 4) Divide a 2-digit number by 2, 3, 4 and 5 <ul style="list-style-type: none"> • Teacher will demonstrate how to divide using division algorithm, the terms quotient and remainder will be used and 	Work sheet: Division

	<p>explained.</p> <ul style="list-style-type: none"> • Each student will be given a copy of pg 40 (text book) (links multiplication with division) • Division Examples: Text book pg. 57 <p>PRACTICE: Workbook</p>	
Wednesday	<p>1) Divide a 3-digit number by 2, 3, 4, or 5</p> <p>Examples: 400/2, 550/2, 426/3</p> <p>PRACTICE: TEXTBOOK PG 64 #6</p> <p>ADVANCE QUESTIONS:</p> <ul style="list-style-type: none"> • Divide a 4-digit number by a 1-digit number and estimate the quotient • Divide by 10 	
Thursday	<p>REVISION OF DIVISION</p> <p>Questions from text book and work book.</p>	

SCIENCE: ATOMIC PHYSICS

- Define element, molecule, compound, mole

	In Class	Homework Assignment
Monday	<p>1) Define molecule, compound, mole and understand how molecules and compounds are formed</p> <ul style="list-style-type: none"> • Students will use lego atoms to form various molecules and compounds. Terms listed above will be defined and explained. 	<p>More Practice on calculating neutrons, protons and electrons. Symbols of elements. DUE ON THURSDAY</p>
Thursday	<p>TOWER PROJECT Designing Individual Towers</p>	
Friday	<p>Review Atoms, Elements/TEST</p>	