

Weekly Sheet for 4th grade STEM
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Week # 19, January 9th - January 13th, 2012

ANNOUNCEMENTS

TEST ON FRIDAY: TABLES AND GRAPHS, BALANCING CHEMICAL EQUATIONS

MATH: TOPIC/CONTENT/SKILLS: TABLES AND GRAPHS

- Read and interpret data presented in a table and bar graph
- Construct a bar graph from data given in a table
- Construct a table from data given in a bar graph
- Solve problems using data given in a bar graph or a table
- Collect and present data in a table and bar graph

SCIENCE: TOPIC/CONTENT/SKILLS: Radiation

- Define radioactivity
- Explain how atoms become radioactive
- Understand the 4 types of radioactive decay
- Understand half-life

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	IN CLASS	HOMEWORK ASSIGNMENTS
MONDAY	1) Read and interpret data presented in a table and bar graph <ul style="list-style-type: none"> ▪ Copy of a table and then a bar graph will be given to each student. Students will learn how to read and interpret both (Text book pg. 70-71). Questions will be asked. 	Workbook pg. 92
TUESDAY (Math) (Science)	1) Construct a bar graph from data given in a table 2) Construct a table from data given in a bar graph <ul style="list-style-type: none"> ▪ In groups, students will answer questions on pg. 93 and pg. 95 (Workbook) <p>Discovery Group Activity: Students will be given handouts, in groups students will read the hand out and answer questions about radioactivity to the best of their ability. Each student is responsible for thoroughly preparing to explain the answer to one question.</p>	Workbook pg. 94
WEDNESDAY (Math)	1) Solve problems using data given in a bar graph or a table 2) Collect and present data in a table and bar graph <ul style="list-style-type: none"> ▪ In groups, students will answer questions on pg. 96 and 98 (Workbook) 	Workbook pg. 102

(Science)	Continuation of Group Discovery: Students will discuss their findings at the front of the class.	
THURSDAY (computer room)	ixl.com (Graphs)	
FRIDAY	Review Graphs (Workbook/Worksheets), Balancing Equations/TEST	