



8th Grade Science– Week (10-10-16)

TEACHER: JULIE M.
MUELLER

GRADE: 8

	Monday	Tuesday	Wednesday	Thursday	Friday
OBJECTIVE(S) (WHAT DO I WANT STUDENTS TO KNOW/)	“Spookily” STEM	To prepare for the Chapter 6 assessment.	To assess Chapter 6 “The Rock and Fossil Record”.	Introduce new unit and how we will be doing Chapters 7-9. Students will be given a rubric telling them what elements are required for their group presentations. Section 1: Inside the Earth Identify the layers of the Earth by their composition. Identify the layers of the Earth by their physical properties. Describe a tectonic plate. Explain how scientists know about the structure	Section 3: The Theory of Plate Tectonics Describe the three types of tectonic plate boundaries. Describe the three forces thought to move tectonic plates. Explain how scientists measure the rate at which tectonic plates.

				of Earth's interior.	
INSTRUCTIONAL METHODS (HOW AM I GOING TO INSTRUCT/)	Students will work through two tasks in their lab groups: 1) Gone "Batty" 2) Flying "Pumpkins" No more information being given in order to keep all on a fair playing ground.	Do textbook review, pages 180-181, as a class.	Closed book Chapter 6 test.	Section 2: Restless Continents Describe Wegener's hypothesis of continental drift. Explain how sea-floor spreading provides a way for continents to move. Describe how new oceanic lithosphere forms at mid-ocean ridges. Explain how magnetic reversals provide evidence for sea-floor spreading.	Section 4: Deforming the Earth's Crust. Describe two types of stress that deform rocks. Describe three major types of folds. Explain the differences between the three major types of faults. Identify the most common types of mountains. Explain the difference between uplift and subsidence.
ASSESSMENT HOW WILL I ASSESS LEARNING	Informal assessment although students will receive activity points for participating.	Informal assessment – see how they review today.	Questions will be valued at 3 points per question. Math add-on will be valued at 1 point per question.	Teams will be evaluated using the rubric they received. Sectional quizzes will be given for a grade. These will be the textbook quizzes.	Teams will be evaluated using the rubric they received. Sectional quizzes will be given for a grade. These will be the textbook quizzes.
CLOSURE	Clean up.	Chapter 6 closed book test is tomorrow.	Free read, or work on science fair plans.	There will be two days of work time and then presentations will begin in order of the sections.	There will be two days of work time and then presentations will begin in order of the sections.