



8th Grade Science– Week (10-17-16)

TEACHER: JULIE M.
MUELLER

GRADE: 8

	Monday	Tuesday	Wednesday	Thursday	Friday
OBJECTIVE(S) (WHAT DO I WANT STUDENTS TO KNOW/)	Continue with our Geologic Rock Column activity – this should be the last class day to work on this.	Collect geologic rock column packets. To reinforce “Earth’s Story and Those Who First Listened” and “Relative Dating: Which Came First?” (Section 6.1 & 6.2)	Describe how radioactive decay occurs. Explain how radioactive decay relates to radiometric dating. Identify four types of radiometric dating. Determine the best type of radiometric dating to use to date an object. Describe five ways that different types of fossils form. List three types of fossils that are not part of organisms. Explain how fossils can be used to determine the history of changes in	Explain how geologic time is recorded in rock layers. Identify important dates on the geologic time scale. Explain how environmental changes resulted in the extinction of some species.	Math Skills – Computing Radioactive Half Life

			environments and organisms. Explain how index fossils can be used to date rock layers.		
INSTRUCTIONAL METHODS (HOW AM I GOING TO INSTRUCT/)	Geologic Rock Column Activity.	Kahoots over Section 6.1 & 6.2	Do Directed Reading 6.3, pages 162-165. Do Directed Reading 6.4, pages 166-171. Vocab 6.3 & 6.4 (optional but strongly encouraged)	Correct and Discuss DR 6.3 & 6.4 Do Directed Reading 6.5, pages 172-177. Vocab 6.5 (optional but strongly encouraged)	Correct and Discuss DR 6.5 There are examples and problems with the "Computing Radioactive Half Life" math worksheet. There are 9 problems. Work must be shown.
ASSESSMENT HOW WILL I ASSESS LEARNING	Students will complete lab activity and submit questions and assembled geologic column for a grade.	Geologic Rock Column lab sheets to be submitted for a grade.	We will correct and discuss 6.3 & 6.4 tomorrow in class.	We will correct and discuss 6.5 tomorrow in class.	Quiz 6.3 & 6.4
CLOSURE	Clean up.	Kahoots over SLO if time permits.	Bell Ringer, page 172.	Quiz 6.3 & Quiz 6.4 tomorrow.	Quiz 6.5 on Monday.