

Elements and Compounds

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Topic		Key Vocabulary	
Elements & Compounds		Radioactivity	stable
How can you tell the age of rocks?		Half-life	not stable
		Elements	decay
		property	
		disintegration	
Resources			
Literature	Manipulatives	Visuals	
Globe Earth Science (textbook)	Graphic organizers	Video "Rocks & Soil"	
Discovery.com for school	Word Splash	Pictures	
articles on elements and compounds	Reading comprehension strategies	Graphs	
	Type I & Type II Writing	Chart paper	
Major Project(s)			
Experiment on half-life			
Major Activities/Steps (Steps leading to the completion of the project)			
Materials:	- Put 100 items in shoe box	- Take out all the M&M's that are facing down	- Determine half life with # of items remaining
- shoe box	- Shake 5X with	- Try again	- Make a graph
- M & M's	cover up and down	- Repeat until no more M&M's are facing up	- Conclusion
- Groups of 3-4 kids			