

Science 7 – Planet Earth

Outcome	Activity title / description	Notes	Non- Consumable materials	Consumable materials	School provided materials
1	Rocks lab – A geologist’s mystery	SF 7 p. 358	Variety of rock samples, streak plates, magnifying glass, steel file,		
2	Crayon Rock Cycle		Tongs, wooden blocks	Wax crayons, aluminum foil, candle	Pencil sharpener
2	Rocks that Fizz	SF 7 p. 375	Watch glass, tweezers, eyedropper, limestone, marble, granite, sandstone, shale	10% hydrochloric acid, chalk,	
3	Candy Bar Plate tectonics			Candy bars Snickers or Mars	
3	Snack tectonics			Graham crackers, fruit roll up, frosting, wax paper, plastic knife, disposable cups	
3	Plate Tectonics Puzzle	Students cut out the continents are re-construct Pangea			Paper (Teachers may choose to laminate and cut out puzzle pieces or mount them on cardboard)
3	Towel Mountains	Demonstration of mountain formation through folding and faulting	T6-8 towels 2 of each of f 3 or 4 different colors or patterns		

4	Make a Lasting Impression	SF7 p. 421	Graduated cylinder, shells or plastic animals	Sand, clay, pebbles, spoons, Styrofoam cups, Plaster of Paris	
4	Determining the Age of Rocks and Fossils	Reading strata, radiometric dating	Stopwatch	M & m's, large cup, graph paper, 128 cards / buttons with opposite colored sides	