

Name _____

Rock Strata Rubric

Criteria	3 points	2 points	1 point	0 points
Illustration	Fully identifies 3 effects of weathering (water, wind, and ice)	Identifies 2/3 effects of weathering	Identifies 1/3 effects of weathering	Identifies 0/3 effects of weathering
Paragraph	Accurately describes why fossils are found in sedimentary rocks and not other types of rocks	Describes why fossils are found in sedimentary rocks without comparing them to the other types of rocks	Attempts to describe why fossils are found in sedimentary rocks	Does not describe that fossils are found in sedimentary rocks
Vocabulary	Correctly uses all appropriate vocabulary in the summary	Appropriately uses some of the vocabulary in the summary	Attempts to use vocabulary in the summary	Does not use vocabulary in the summary

Directions for making Rock Strata

Supplies needed:

3 different flavors of gelatin (6 oz. each)

water (cold and boiled)

1 container of whipped topping (8 oz.)

Graham crackers (approximately 8 whole crackers)

Fossils (can be candy such as gummy bears or worms, jelly beans, or sweet-tarts)

1 13 X 9 glass or metal pan (a deep pan works best)

Directions:

Mix one box of gelatin according to directions. Pour into pan and put in refrigerator until set. Crumble graham crackers (coal) onto that layer. Mix second flavor of gelatin and pour into pan. Add the fossils by spreading them around in the gelatin. Let set. Mix third flavor of gelatin. Pour half of that flavor into a bowl with the whipped topping. Stir together and pour into pan. Let set. Add the rest of that flavor of gelatin to the pan and let set.

