

Math/Science Activities

Pet Rock Experiment

Draw a picture of your rock here:

Where did you find your rock?








Check the correct boxes.

My rock is:

- SHINY DULL HARD SOFT ROUGH
 SPARKLY NOT SPARKLY BIG LITTLE SMOOTH

Now conduct your experiment. Predict what you think the answers will be and write them down in the first row. After the experiment, write down the results. Compare.

	LENGTH Measure with a ruler.	WEIGHT Measure with a scale.	HARDNESS Which will scratch your rock?  	ACID Does your rock bubble when vinegar is dropped on it? 	FLOATS Does your rock float or sink? 
PREDICTION					
RESULTS					

- * Hardness scale: Fingernail can scratch rock 2 A SOFT ROCK
 Penny can scratch rock 3 ↓
 Nail can scratch rock 4 A HARD ROCK

** If there are bubbles appearing on your rock, it has lime (or calcium carbonate) in it. This mineral is found in limestone and marble.

*** Rocks that float usually have come out of a volcano. Was the area where you live ever a volcano?