Exploration and Prediction Charts

Names:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Predict: Will the Rock Drink the Water?

|  |  |  |
| --- | --- | --- |
|  | ☺ | ☹ |
| Rock 1 |  |  |
| Rock 2 |  |  |
| Rock 3 |  |  |
| Rock 4 |  |  |
| Rock 5 |  |  |
| Sandstone http://upload.wikimedia.org/wikipedia/commons/d/d4/Millet-Seed_Sandstone_Macro.JPG |  |  |
| Limestone http://gwydir.demon.co.uk/jo/minerals/pix/limestone4.jpg |  |  |
| Shale http://geology.com/rocks/pictures/shale-colors-380.jpg |  |  |
| Granite http://www.tmaa.go.tz/images/uploads/PinkGraniteCroppedSett.jpg |  |  |

Did the Rock Drink the Water?

|  |  |  |
| --- | --- | --- |
|  | ☺ | ☹ |
| Rock 1 |  |  |
| Rock 2 |  |  |
| Rock 3 |  |  |
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| Shale http://geology.com/rocks/pictures/shale-colors-380.jpg |  |  |
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Sort the rocks

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1. Construct a t-chart (provided below) of foods you eat that are porous and nonporous. Non-writers may look in cooking magazines for pictures as well as Kindergarten.

**Example:**

Porous Nonporous

Cake Flavored gelatin

Cornbread Hard Candy

Rice Cake Chocolate Bar

T-chart

Porous Non-porous

2. Design a LaPorous Sundae using the provided ingredients:

* As you and your partners are constructing the Sundae discuss why the ingredients represent the layers.
* Think of another ingredient that would also represent each layer.



**LaPorous Sundae**

Fudge (squeeze)=Oil

Ice Cream=Limestone

Chocolate cream cookies= Dolomite

Crushed peanuts= Sand

Straw= Drill

Whipped Cream= Shale

Sprinkles=Gravel