# Sticky Viscosity Student worksheet

Name: Date:

Define viscosity in your own words:

## Hypothesis:

Every scientist must form a hypothesis before he/she conducts an experiment. The hypothesis helps the scientist to design the experiment effectively.

1. What material do you think is going to be the most viscous? Why?

2. What material do you think is going to be the least viscous? Why?

## Results:

In the table below, place a checkmark in the square in which the marble fell to the bottom of the bottle first. Be careful where you place the checkmark.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Hit the bottom of the Bottle First | | | | | | | |
| Hit the bottom of the bottle second |  | Corn Syrup | Vegetable Oil | Baby Oil | Ketchup | Motor Oil | Honey | Molasses |
| Corn Syrup |  |  |  |  |  |  |  |
| Vegetable Oil |  |  |  |  |  |  |  |
| Baby Oil |  |  |  |  |  |  |  |
| Ketchup |  |  |  |  |  |  |  |
| Motor Oil |  |  |  |  |  |  |  |
| Honey |  |  |  |  |  |  |  |
| Molasses |  |  |  |  |  |  |  |

With help from the table of observations, list the materials in order from most viscous to least viscous:

1.

2.

3.

4.

5.

6.

7.

## Conclusions: