

Name:

Date:

# PROPERTIES OF MATTER

## STRENGTH

### Activity 1

Let's test strength.

A) You need:

- A toothpick



- Play dough



- The stem of a plant with the same proportions as the stick.



- Scales



B) Instructions:

1. Hold the toothpick a few centimetres above the table and add weight (play dough) on it until it breaks. Colour the results on the table below.
2. Do exactly the same with the stem.

18 grams		
16 grams		
14 grams		
12 grams		
10 grams		
8 grams		
6 grams		
4 grams		
2 grams		
	<b>toothpick</b>	<b>stem</b>

C) Which material is stronger? \_\_\_\_\_

D) Are the materials tested: solids, liquids or gases? \_\_\_\_\_

E) DEFINITION: \_\_\_\_\_