 Activity 1: Try This

Complete the following activities.

1. Examine two different kitchen objects such as apple, spatula, wooden spoon, plastic straw, flour, salt, or sugar. Identify the similarities and differences between the two items in

• appearance (including particle size if applicable)

• strength

• texture

• added to water (buoyant or dissolves?)

• hardness

• mass/weight

• flexibility

|  |  |  |
| --- | --- | --- |
| Descriptions | Similarities between item 1 | Differences between item 1 (name) |
| (name) and item 2  (name). |
| and item 2 |
| (name). |
| Appearance (including particle size if applicable) |  |  |
| Strength |  |  |
| Texture |  |  |
| Added to water (buoyant or  dissolves?) |  |  |
| Hardness |  |  |
| Mass/weight |  |  |
| Flexibility |  |  |

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2. Identify the similarities and differences between two different liquids in your kitchen such as water, vinegar, or oil. Compare

• appearance

• feel/texture

• smell

What happens when

• one drop of each substance is placed on a flat surface (e.g., a plate) and then tipped on an angle?

• a paper towel is used to try to absorb the same amount of each substance?

|  |  |  |
| --- | --- | --- |
| Descriptions | Similarities between item 1  (name) and item 2  (name). | Differences between item 1 (name) |
| and item 2 |
| (name). |
| Appearance (including particle size if applicable) |  |  |
| Texture |  |  |
| Smell |  |  |
| One drop of each substance is placed on a flat surface (e.g., a plate) and then tipped on an angle? |  |  |
| A paper towel is used to try to absorb the same amount of each substance? |  |  |

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