Note: The short answer "other" sections are optional and have no specific correct answers. Some examples of what students may write are provided.

# Sugary Showdown

Name: **ANSWER KEY**

| material 1 | vs. | material 2 |
|---|---|---|
| Chocolate | | Pancake Batter |

**Circle the words that describe the properties of each material.**

## Round 1 – Starting Properties

| material 1 | material 2 |
|---|---|
| solid / liquid | solid / liquid |
| sticky / smooth | drippy / spongy |
| can break into pieces / cannot break into pieces | white / golden |
| other: | other: |

## Round 2 – Heat it up!

| material 1 | material 2 |
|---|---|
| solid / liquid | solid / liquid |
| sticky / smooth | drippy / spongy |
| can break into pieces / cannot break into pieces | white / golden |
| other: | other: |

## Round 3 – Cool it down!

| material 1 | material 2 |
|---|---|
| solid / liquid | solid / liquid |
| sticky / smooth | drippy / spongy |
| can break into pieces / cannot break into pieces | white / golden |
| other: | other: |

## Can it Undo?

Are the properties in Round 3 similar to what you observed in Round 1?

| material 1 | material 2 |
|---|---|
| YES / NO | YES / NO |
| I think this because the properties of chocolate are similar in Round 3 and in Round 1. | I think this because the properties of pancake batter are NOT similar in Round 3 and in Round 1. |