

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  
**Chocolate**

vs.

material 2  
**Pancake Batter**

Circle the words that describe the properties of each material.

## Round 1 - Starting Properties

solid / liquid

sticky / smooth

can break into pieces / cannot break into pieces

other: \_\_\_\_\_

solid / liquid

drippy / spongy

white / golden

other: \_\_\_\_\_



## Round 2 - Heat it up!



solid / liquid

sticky / smooth

can break into pieces / cannot break into pieces

other: \_\_\_\_\_

solid / liquid

drippy / spongy

white / golden

other: \_\_\_\_\_



## Round 3 - Cool it down!



solid / liquid

sticky / smooth

can break into pieces / cannot break into pieces

other: \_\_\_\_\_

solid / liquid

drippy / spongy

white / golden

other: \_\_\_\_\_

## Can it Undo?

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

YES / NO

I think this because the properties of chocolate  
are similar in Round 3 and in Round 1.

YES / NO

I think this because the properties of pancake  
batter are NOT similar in Round 3 and in Round 1.

**mystery science**

How is an ice cube like a crayon?