

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?