

Changes in Matter Match-Up

1

Clues

Use the clues and the word bank to figure out the matter being described.

cookies

chocolate

butter

egg

popcorn

water

Matter that changes by heating and cooling, but **can** be reversed.

- ① You find me where it is cool. If you heat me up, I melt into a liquid. If you cool me off, I get hard again. People like to eat me on popcorn and toast.

What am I? butter

- ② I am a liquid you should drink every day. If you cool me down, I freeze into a solid and my name changes. If you heat me up again, I melt back into a liquid.

What am I? water

- ③ I am a sweet, solid treat. If you heat me up, I melt into a liquid. You can still eat me, but I will be messy. If you put me in the fridge to cool, I will turn hard again.

What am I? chocolate

Matter that changes by heating, but **cannot** be reversed.

- ④ You wouldn't like to eat me when I am cold, but heat me up and I explode! I am a favorite snack at the movies.

What am I? popcorn

- ⑤ You can make me with m&ms or with chocolate chips. I am rolled into balls like clay, but heat me up and I get flat and round. Then dip me in a glass of milk and enjoy!

What am I? cookies

- ⑥ I am a liquid inside a shell. People like to eat me for breakfast. I change into a solid when I am boiled or cooked.

What am I? egg

Changes in Matter Match-Up

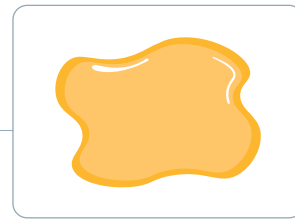
Map 1

Can Be Reversed

Start



butter



Start



ice



Start



chocolate



Color Codes Key

U-Turn (line end)



H



C

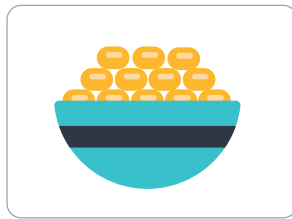


Changes in Matter Match-Up

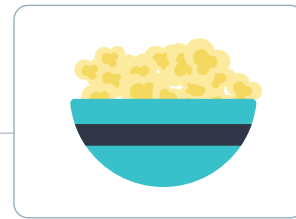
Map 2

Cannot Be Reversed

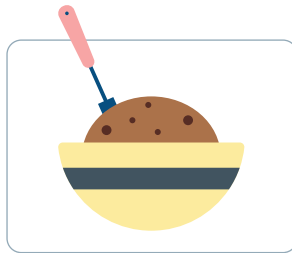
Start



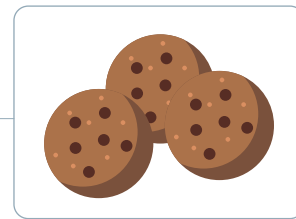
popcorn



Start



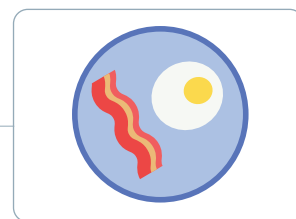
cookies



Start



egg



Color Codes Key

Win/Exit (Play Again)



H

