

Heat Change Check

Students decide which heat changes can change back after cooling.

1.8.B “describe how some changes caused by heat may be reversed such as melting butter and other changes cannot be reversed such as cooking an egg or baking a cake.”

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 CIRCLE CHANGE _____

a	BACK	CANNOT	MAYBE
b	MAYBE	CANNOT	BACK
c	BACK	MAYBE	CANNOT

2 WRITE CODE _____

ICE	
BREAD	
CORN	

HOW TO RUN THIS PAGE

Tell students that heat can change materials. Students listen to each situation, decide whether cooling can make it like it was before, and show their thinking by circling or writing a letter.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • CIRCLE CHANGE

SAY “Heat can change food. In each row, listen to the choices and decide whether cooling can make it like it was before. Circle BACK if it can, CANNOT if it cannot, or MAYBE if you are not sure.”

ROW	SAY	STUDENTS CIRCLE
a	Butter melts when it gets warm. When it cools, can it become butter like before? Circle BACK, CANNOT, or MAYBE.	BACK
b	An egg cooks with heat. Can it become a raw egg again? Circle BACK, CANNOT, or MAYBE.	CANNOT
c	A cake bakes with heat. Can it become cake batter again? Circle BACK, CANNOT, or MAYBE.	CANNOT

PART 2 • WRITE CODE

SAY “Write B if cooling can make it like it was before heat, and write C if it cannot. At ICE, warm ice melts and cools, at BREAD, heat makes toast, and at CORN, heat makes popcorn. What letter will you write in each box?”

- Box 1 (beside ICE): **B**
- Box 2 (beside BREAD): **C**
- Box 3 (beside CORN): **C**

WHAT TO ACCEPT

Circle BACK for butter, CANNOT for egg, and CANNOT for cake. Accept B for ICE and C for BREAD and CORN.