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A Million Whys Book 9: Science Quiz

The Food Expedition, by Crafty Clover.

Name: _____ Date: _____ Score: _____ / 10

The questions

A. Why Are Ice Cubes Cloudy in the Middle?
B. Why Does Metal Feel Colder than Wood in the Same Room?
C. Why Do Microwaved Foods Have Hot and Cold Spots?
D. Why Can the Smell of One Food Make You Feel Queasy Years Later?
E. Why Does Smelling Vanilla Make Things Seem Sweeter?
F. Why Do Muffins Get Tunnels If You Mix Too Much?
G. Why Are Chili Peppers Spicy for Mammals But Not Birds?
H. Why Blanch Veggies Before Freezing?
I. Why Do Grocery Stores Mist Veggies?
J. Why Should We Throw Out Jars with Bulging Lids?

Write the letter of the matching question next to each fact.

1. Cloudy ice is trapped air and minerals. _____
2. Smell pathways sit close to memory and emotion centers. _____
3. Spice can choose its animal helpers. _____
4. Misting is part humidity theater and part real hydration. _____
5. Nose can fake a sugar boost. _____
6. Microwaves heat unevenly, so stir and wait. _____
7. Blanching is a pause button for enzymes. _____
8. Feel isn’t always the true temperature. _____
9. A bulge is a stop sign. _____
10. Lumps can be okay in muffin batter. _____

FOR GROWN-UPS

Answer key

1. **A** (Cloudy ice is trapped air and minerals. Book 9, Question 1)
2. **D** (Smell pathways sit close to memory and emotion centers. Book 9, Question 36)
3. **G** (Spice can choose its animal helpers. Book 9, Question 84)
4. **I** (Misting is part humidity theater and part real hydration. Book 9, Question 113)
5. **E** (Nose can fake a sugar boost. Book 9, Question 49)
6. **C** (Microwaves heat unevenly, so stir and wait. Book 9, Question 21)
7. **H** (Blanching is a pause button for enzymes. Book 9, Question 96)
8. **B** (Feel isn’t always the true temperature. Book 9, Question 11)
9. **J** (A bulge is a stop sign. Book 9, Question 132)
10. **F** (Lumps can be okay in muffin batter. Book 9, Question 64)

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