Name: _____ **Date:** _____

Frozen vs. Fizzy: Pre-K Matter Scientists Challenge

Little learners develop critical evaluation skills by predicting how different materials change and justifying why some things melt while others stay sticky.

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1. If you leave a sticky popsicle on the hot sidewalk, what will happen to its shape?

A. It will stay exactly the same forever
B. It will turn into a hard rock
C. It will melt into a flat puddle
D. It will disappear instantly

2. Can you see the air inside a balloon making it big and round?

A. True
B. False

3. Imagine you have a jar of wiggling worms. Why are they more like a liquid than a solid toy?

A. Because they are brown
B. Because they move and take the shape of the jar
C. Because they like to eat dirt
D. Because they are very quiet

4. When mommy cooks soup, the white 'ghosts' rising from the pot are actually _____.

A. Tiny pieces of bread
B. Hot water turning into gas
C. Cold ice cubes
D. Magic glitter

5. If you put a hard wooden block in a round bowl, will the block turn into a circle shape?

A. True
B. False

6. Why does a juice box feel heavy when full but light when you drink it all?

A. The liquid inside was heavy and now there is only light air
B. The box grew smaller
C. The colors on the box changed
D. The straw became magical

7. If you want to turn juice into a solid popsicle, you should put it in the _____.

A. Oven
B. Backpack
C. Freezer

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D. Bathtub

8. Which of these is a gas that you can feel on your face at the park?

A. A sliding board
B. A blowing wind
C. A juice pouch
D. A sandbox

9. If you step on a solid rock, it stays hard. If you step in a liquid puddle, it _____.

A. Splashes everywhere
B. Breaks into glass
C. Turns into a balloon
D. Stays perfectly dry

10. Can a solid toy truck turn into a liquid if you just leave it on the table?

A. True
B. False