Name:_____

# Popcorn

Let's uncover the incredible science behind popcorn popping! Inside each popcorn kernel lies a special secret. Deep inside, there's a little bit of water locked away. When we heat the kernels, that water turns into steam. But here's the cool part—there's a hard shell on the outside that keeps the steam trapped inside. As the kernel gets hotter and hotter, the steam tries to break free. It pushes against the tough shell until—BANG! The pressure builds up so much that the kernel bursts open, and POP! Out comes the fluffy popcorn we love to snack on. It's like a mini-explosion happening in each kernel! That's why we hear that fun popping sound when we make popcorn. It's science at its most exciting, turning a tiny kernel into a tasty treat!

1. What is the text structure of this passage? (circle all that apply

description cause and effect compare and contrast

problem and solution sequence

2. What causes the water inside a kernel to turn into steam?

_____

3. What keeps the steam trapped inside? _____

4. What happens when the pressure builds up in a popcorn kernel?

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