

Name _____

The Science Behind Toothpaste and Shampoo

Multiple Choice Questions

1. What is a mixture?
 - a) One element on its own
 - b) Two or more things blended but not changed
 - c) A melted metal
 - d) Just water

2. What compound helps protect teeth in toothpaste?
 - a) Sugar
 - b) Baking soda
 - c) Fluoride
 - d) Water

3. What ingredient helps shampoo create bubbles?
 - a) Citric acid
 - b) Salt
 - c) Fragrance
 - d) Sodium lauryl sulfate

4. Why are fragrances added to shampoo?
 - a) To make it bubbly
 - b) To clean hair
 - c) To make it smell nice
 - d) To protect the scalp

5. Why is understanding mixtures and compounds important for making products?
 - a) So they work well and are safe to use
 - b) So they look shiny
 - c) So they taste sweet
 - d) So they can be frozen

