

Passage Squishy Foam**Informational Text: Procedural/Science Recipe**

- Focus** An example of easy kitchen chemistry, this recipe utilizes text elements (numbered list, subheadings, boxes, parentheses) to help students follow directions to create a new substance.

Teaching Tips**Before Reading**

- Discuss chemistry experiments students may have conducted or observed. Review common safety procedures and the importance of following directions accurately.

During Reading

- Read through the materials list together. Clarify the use of parentheses and the style of presenting measurement amounts.
- Have students annotate the steps in anyway that would make them easier to follow.

After Reading

- Invite students to make this recipe at home. Discuss how to use proportional reasoning to revise the recipe to yield a smaller amount of squishy foam.

Common Core Connections

RI.3.8.1, RI.3.8.2, RI.3.8.3, RI.3.8.4, RI.3.8.5,
RI.3.8.6, RI.3.8.10 • RI.3.8.9, RI.3.8.10 • RL.3.1,
L.3.8.2, L.3.8.3, L.3.8.4, L.3.8.5, L.3.8.6

Complexity Index**Quantitative**

Lexile 990

	Qualitative	1	2	3	4	5
Purpose	*					
Structure		*				
Language		*				
Knowledge		*				

Reader & Task

- Students may be unfamiliar with some materials, vocabulary, or procedures that are part of this project.
- Ask students to think about factors that make instructions easy to understand and follow. Does this recipe meet the criteria?

Answers**Squishy Foam**

1. **C** Sample answer: I think that *controlled means* that the recipe is designed to be safe even though there are chemicals involved. **2.** Sample answer: Step 3 says to mix the liquid glue with 1½ cups of water. So, water is the material used to dilute the glue (lines 17–19). **3.** Sample answer: You must follow the directions in the order given, but you can collect materials and tools in any order, as long as you assemble them all. Also, numbers that precede measurement amounts could be confusing or irrelevant. **4.** Sample answer: pancake syrup, glue, oil, honey, and dish liquid. **5.** Sample answer: The sentence in parentheses is not part of the directions, but explains the chemical reaction that takes place in that step (lines 22–23). **6.** Sample answer: This is a science recipe about chemical reactions. Maybe the ingredients would react differently if they were mixed in metal or plastic bowls with metal or plastic spoons.