



# Concept Review with STEM Smoothies

*ela lesson*

**Grade Level: 3**

**Total Time: 45-60 minutes**

**Objectives:**

Students will:

- Ask and answer questions about a text (recipe);
- Use Brace and Flow Maps to increase understanding of a recipe;
- Review why it is important to eat breakfast every day;
- Write an opinion piece about a recipe, incorporating descriptive language and use of a variety of sentence types;
- Compare and Contrast a smoothie recipe to their STEM lemonade recipe.

*materials needed*

- > Visual aid (slides or print-outs of original recipe)
- > Smoothie Ingredients (per student)
  - > 2 oz (1/4 cup) vanilla yogurt
  - > 1.5 Tbsp apple juice (2-oz. cup)
  - > 1 1/8 tsp lemon juice (2-oz. cup)
  - > 2 Tbsp applesauce (2-oz. cup)
- > 4 oz. cup per student
- > Spoons

**Standards:**

**ELAGSE3RI1:** Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.

**ELAGSE3W1:** Write opinion pieces on topics or texts, supporting a point of view with reasons.

**ELAGSE3L1.** Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

i. Produce simple, compound, and complex sentences.

**ELAGSE3RI8:** Describe the logical connection between particular sentences and paragraphs in a text (e.g., comparison, cause/effect, first/second/third in a sequence).

**ELAGSE3RI9:** Compare and contrast the most important points and key details presented in two texts on the same topic.





## Action Steps:

### Welcome & Agenda (2-3 minutes)

- This week is National School Breakfast Week!
- *How many of you eat breakfast every day? How many of you eat School Breakfast?*
- *Have you ever had a smoothie for breakfast at school?*
- Today, we will be working with a recipe for a Lemonade Stand Smoothie that we might serve with Breakfast or as a special treat to highlight the 3<sup>rd</sup> grade project!
- We will examine the recipe, prepare it, re-write it for our own understanding, and then write an opinion piece about it!

### Examining the Recipe (5 minutes)

- Take a look at the recipe as it is written
- *How many servings does it make?*
- *How many calories are in a serving?*
- *Would you consider this smoothie “healthy?” Why?*

### Preparing the Recipe (5-10 minutes)

- Take a cup of yogurt.
- Add apple juice to the yogurt.
- Add lemon juice to the yogurt.
- Add applesauce to the yogurt.
- Take a spoon and stir it all together.
- Get ready to taste!
  - What **descriptive words** can we use for this recipe?

### Re-Writing the Recipe (10 minutes)

- Let's use Thinking Maps to make this recipe easier to follow
- What Thinking Map could we use to organize the Recipe Title and Ingredients?
- *Let's give our recipe a new title!*
- Create a **Brace Map** to organize the Recipe Title and Ingredients
- *Who remembers what Thinking Map we use when we made Parfaits to show our steps in order?*
- Create a **Flow Map** to show how we assembled the smoothies.





### Writing an Opinion Piece (15 minutes)

- *Who remembers what a food critic is?* A food critic is a journalist/writer who publishes their opinion about food!
- Lastly, write an opinion piece about this smoothie!
- What should be included in your writing?
  - A clear introduction, reasoning, and conclusion
  - Specific descriptive words that justify your reasoning (adjectives)
  - A comparison between this recipe and your class recipe for the Lemonade Stand project (even if you don't have a final recipe just yet)

### Reflection & Share-out (5-10 minutes)

- *Would anyone like to share their opinion piece?*

#### reflection questions

- > How did this recipe compare to yours?
- > Would you change anything about this recipe?
- > Do Thinking Maps make it easier to follow a recipe? If so, how?
- > If we serve this as part of Breakfast/Lunch, would you take it? Do you think other CES kids would enjoy this?

