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.

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

ELAGSE3WI1: Write opinion pieces on topics or texts, supporting a point of view with reasons.

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

ELAGSE3L1. Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
i. Produce simple, compound, and complex sentences.

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 3rd 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?