

DRAKE BAKED A CAKE



Theme: Cakes

Curriculum Area: Physical Science

A cake is made up of multiple ingredients such as water, oil, eggs, and cake mix. Through the mixture of ingredients we are able to create batter. However, along with the ingredients, heat is needed. Heat allows the batter to bake and leave us with a cake!

Activity: Students will bake a cake.

oven is required for this activity

Age of Children: 9-10 years old (fifth grade)

Materials Needed:

Mixing bowl

Oven safe container for cake

Utensil for mixing (fork or spatula)

Butter

½ cup of oil

1 cup of water

Cake mix of choice

Developmental Objectives/Domains:

- 1 Students identify materials based on their properties.
- 2 They begin to explain these properties and behaviors using a model of matter made up of particles too small to be seen.
- 3 Investigate to determine whether the mixing of two or more substances results in a new substance.

Procedure:

1. Ask students about mixing ingredients and chemical reactions
2. Explain to students what cake is made out of
3. Elaborate on the effects of heat while placing the cake into the oven.
4. Explain the steps students will be taking:
Pouring ingredients into bowl, mixing the ingredients, baking in oven.
5. (optional) decorate cake with frosting or other toppings
6. Enjoy cake :)