

# Crayon Cookie - Air Fryer

**Age Group:** K-8

**Child/Adult Ratio:** 6 to 1

**Take Away Artifact:** Yes

**Approximate Time:** 30 mins

**Divisions Covered:** All

## Questions to ask:

How can you change the shape of a crayon?

## Precautions:

Molds will be hot; use caution.

## Materials:

A variety of crayons with wrappers removed. Oven-safe molds (muffin tin or other shape), bowl and mortar (can be a dowel), Air Fryer

## Skills Required for Completion of Task:

### Motor skills

- Bilateral upper extremity coordination
- Ability to manipulate small objects
- Hand-eye coordination
- Ability to grip objects
- Ability to stabilize objects/tasks

### Process/Cognitive skills

- Ability to attend to a task for greater than 5 minutes
- Follow multi-step directions
- Ability to sequence steps
- Ability to understand safety precautions
- Ability to organize or keep materials organized for a task
- Ability to adjust to different workspace requirements

### Social skills

- Ability to communicate and share equipment with peers/staff appropriately

## K-8 Standards:

**3.PS1:** Matter and Its Interactions 1) Describe the properties of solids, liquids, and gases and identify that matter is made up of particles too small to be seen. 2) Differentiate between changes caused by heating or cooling that can be reversed and those that cannot. 3) Describe and compare the physical properties of matter, including color, texture, shape, length, mass, temperature, volume, state, hardness, and flexibility.

## Simple Science:

Crayons can melt (Become liquid) when heated at a temperature of 120-147 degrees Fahrenheit. They will return to a solid state at room temperature.



## Instructions:

Select a variety of crayon color pieces (enough to fill the mold). Using a bowl and pestle, apply pressure to the crayons to slightly crush and mix colors. Place the crushed crayons into the mold and place in the air fryer at 200 degrees for approximately 5 minutes. Remove and cool. When cool, remove from the mold. Your crayon cookie can be used to create art.