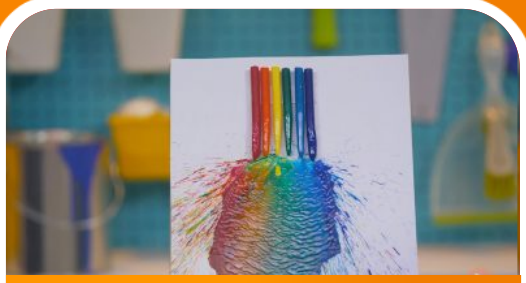
GENERATIONGENIUS
ALWAYS QUESTION. ALWAYS WONDER.

Heating and Cooling Activity for Kids



Watch Video

Rainbow Crayon DIY

Duration: **20-40 min** Difficulty: **Medium** Cost: **$0 to $5**

Use heating and cooling to make a liquid rainbow from crayons!

Material List

- 7 Crayons with paper peeled off
- 1 Hair Dryer
- 1 Piece of paper
- 1 Cardstock 9 x 12
- 1 Glue stick
- 1 Double sided piece of tape
- 1 Pair of safety goggles

Instructions

1. Line up your crayons in the color order of a real rainbow.
2. Glue a piece of paper to the cardboard using a glue stick.
3. Attach the crayons to the top center of the paper using the tape.
4. Lean your cardboard at an angle against a few books.
5. Put on your safety goggles.
6. With the help of an adult, heat the tips of the crayons with the hairdryer.
7. Do not to touch the melted crayons until they have had time to cool.

Tip: Some hairdryers get hotter than others, make sure yours is a strong one.

Warning: This activity can be messy, be sure to protect the area you are working in.

How It Works

When you heated up the solid crayons, you caused the crayons to melt. The solid crayons became a liquid and dripped down the paper. As the liquid crayons cooled, they became a solid again. This activity is an example of a reversible change, since the melting was reversed once the crayons had a chance to cool.

© 2024 GENERATIONGENIUS.COM