

CRAFTY SCIENCE

WITH MISS GEORGIA



CRAYON CREATIONS!

DID YOU KNOW THAT YOU CAN REUSE AND RECYCLE YOUR OLD, BROKEN CRAYONS?

MELTING CRAYONS IS A GREAT SCIENCE PROJECT THAT'S EASY AND FUN TO DO.

TODAY, WE'LL LEARN HOW TO MELT CRAYONS IN THE OVEN AND IN THE MICROWAVE. WE'LL ALSO MAKE CRAFTS WITH OUR RECYCLED CRAYONS.

WAX CRAYONS



MELTED CRAYONS



WHAT YOU WILL NEED TO MELT CRAYONS

CRAYONS

WAX PAPER

**CUPCAKE
MOLD OR TIN
(OPTIONAL)**

**COOKIE
CUTTER
(OPTIONAL)**

**CUPCAKE
CUPS**

**OVEN OR
MICROWAVE
(ONLY OPERATE WITH
A HELPFUL ADULT)**

HOW TO MELT CRAYONS

STEP 1

Get a helpful adult!
You will be using an oven or microwave, so it is best to have a grownup's help.

STEP 2

Preheat oven to 275 degrees.

STEP 3

Peel old crayons and break into small pieces.

STEP 4

Spread a thin layer of broken crayons between 2 pieces of wax paper. Heat in the oven for 3-4 minutes.

STEP 5

Fill cupcake cups or cupcake molds with broken crayons. Heat in the oven for about 5 minutes.

STEP 6

Remove the crayons from the ovens and let cool.

HOW DOES IT WORK?

Melting crayon pieces is a great way to recycle old, broken crayons to make new and unique crayons. It is also a great science lesson.

All materials are made up of matter. Matter is anything that takes up space. The three most familiar states of matter are solid, liquid, and gas.

Heating and cooling a substance may change it from one state to another.

The process of melting crayons is a lesson in REVERSIBLE CHANGE. This means they can change from one state to another.

For example, when crayons are heated, they melt and change from a solid to a liquid.

When the melted crayons cool, a reversible change takes place. The crayons change from a liquid back into a solid.

WHAT YOU WILL NEED FOR YOUR CRAYON CREATIONS CRAFT...

**MELTED
CRAYONS**

**DISPOSABLE
COFFEE
CUP LID**

**ACRYLIC
PAINT**

PAINTBRUSH

**COLORFUL
STRING
OR THREAD**

**CELLOPHANE
GIFT BAGS**

HOW TO MAKE YOUR CRAYON CREATIONS CRAFT

STEP 1

Once the cupcake cups (or molds) with the melted crayons have cooled, simply remove your new, colorful and unique crayon.

STEP 2

Once the crayons that were melted in the wax paper have cooled, create shapes using a cookie cutter or by cutting them freehand.

STEP 3

Make holes in the crayon shapes using the sharp end of a toothpick.

STEP 4

Thread a string through the holes in the crayons. Thread the other end of the string through holes in a disposable coffee cup lid and tie together.

STEP 5

Top with another coffee cup lid and pull the strings through.

STEP 6

Enjoy your colorful and unique suncatcher!

LIBRARY DATABASE SOURCES

Britannica School Elementary

“Changing Materials”

<https://school.eb.com/levels/elementary/article/materials/476293#284290>





THANK YOU!

**MISS GEORGIA
YOUTH SERVICES LIBRARIAN**

