

b.Brilliant

Welcome to b.Brilliant

Join Alex as she and her fellow makers explore the world by creating with new technology, interviews with experts to help solve problems, and uncovering the mysteries of "BB", a mischievous lab A.I. that seemingly likes to help, but also likes to cause some problems for b.Brilliant's teacher: Mr.Lingley.

b.Brilliant, Ep.5: Activity 1, Natural Tye-Dye T-shirt

In this activity, we will learn how to make a tye dye t-shirt using natural dyes. We will be using the dye from beets. While doing this you need to be careful because beet dye can stain countertops and clothing easily.

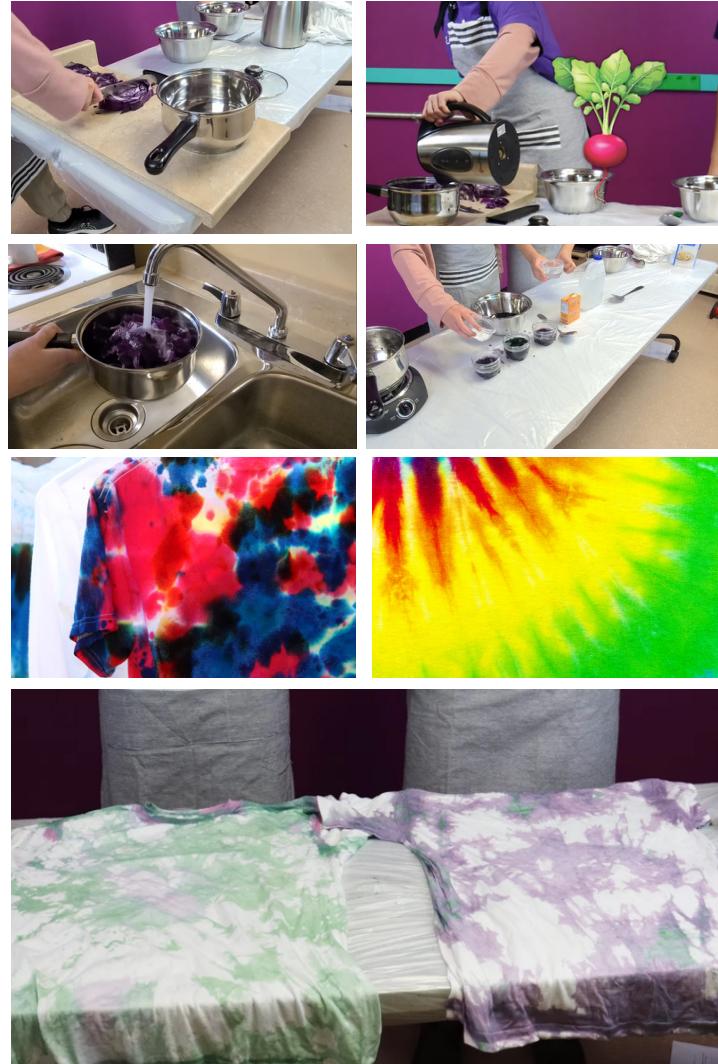
Timeframe: 90 Minutes

Materials:

- T shirts
- Vinegar
- Baking soda
- Lemon juice
- Turmeric
- Red Cabbage
- Saucepan
- Water

Instructions:

Find a white t-shirt you want to dye. Find a responsible helper to chop up your veggies of choice. Put your veggies in your saucepan with water, a 2:1 ratio of water and vegetables. Boil your veggies for an hour or longer. Strain out your organic material. Combine a few spoonfuls of your colorful veggie water with vinegar or lemon juice (acidic) or baking soda (alkaline) the colour will change. Dip your bunched up shirt in your dye solution, wait for it to dry.



Did you know?

The earliest written records about tie-dye are from China and Japan. Tye-dye was used during the T'ang Dynasty in China and the Nara Period in Japan in the 6th century.

Mansour, Heba. "Textile Dyeing: Environmental Friendly Osage Orange Extract on Protein Fabrics". Eco-Friendly Textile Dyeing and Finishing, edited by Melih Günay, IntechOpen, 2013. 10.5772/54410.

QUESTIONS OR NEED A LITTLE SUPPORT? LET'S CONNECT, EMAIL INFO@BRILLIANTLAB.CA