



Look around for natural items with vibrant colors.

Color Source (pigment)

- 1) Fruits & vegetables
- 2) Dry herbs, flowers, and other plants
- 3) Spices and herbs
- 4) Earth, rocks, minerals

Extraction:

- 1) Cook in water, strain out solids
- 2) Press
- 3) Grind

Binder - something needs to keep the color together. Water can be used to thin the paint. Examples of easy to find binders:

- 1) Honey
- 2) Oil
- 3) Egg Yoke

Stains:

Some colors can be used with water alone because they stain the surface, like blueberries, beets, and turmeric. Other colors will need the binders added, otherwise once the water evaporates the color will return to powder and fall off the surface.

Color Wheel

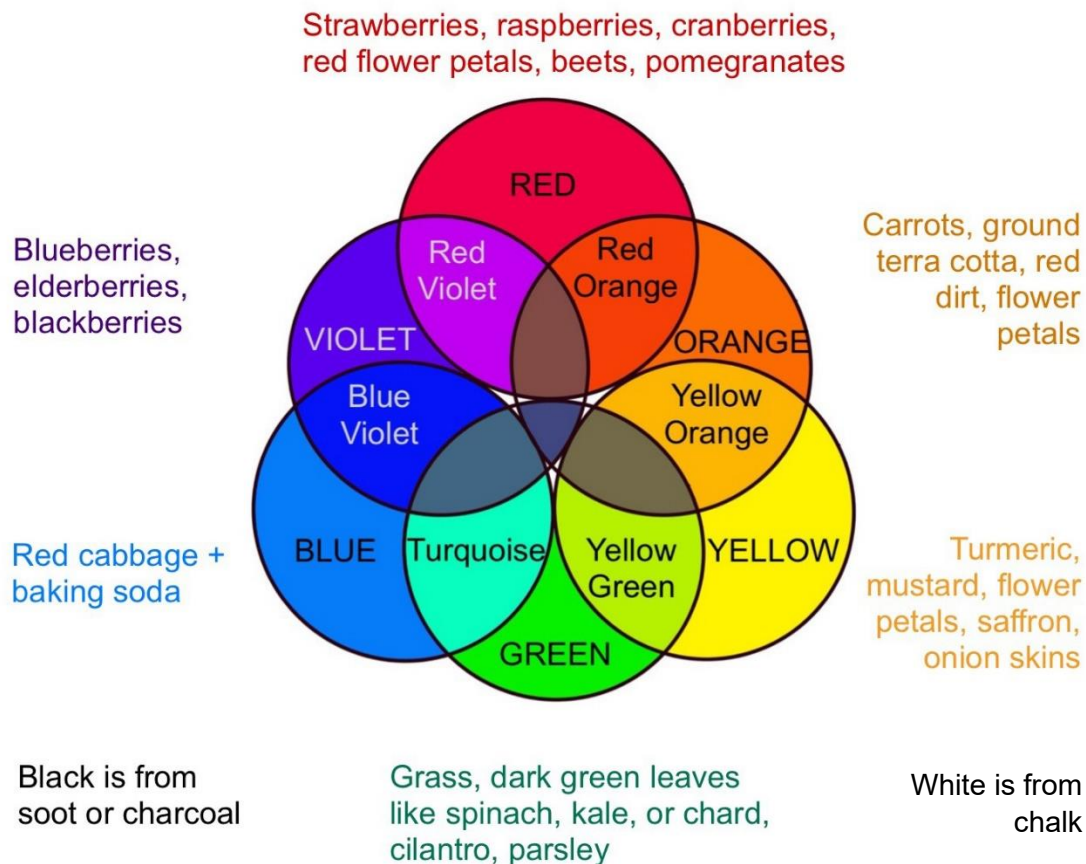
Although many pigments can be found and made from nature, the primary colors can make all the colors simply by mixing them together.

Internet Resources:

artful-kids.com/2010/09/08/experimenting-with-natural-paints/

ecokidsart.com/naturalsafepaint/

PIGMENT SOURCES



Watercolor = transparent pigment + gum Arabic or white glue + water

Oil Paints = pigment + linseed oil or walnut oil + turpentine

Tempera = pigment + egg yoke + water

Gauche = opaque pigments + arrow root or gum Arabic + water