

Fingerprint project

Grade level: 2nd-3rd

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Students will be introduced to the purpose of fingerprints and how it affects in our lives. They will then use paint to fingerprint to learn about value, color, line, and shape. They will then incorporate their methods of fingerprint with the lifecycle of a butterfly. The class discussion focused on this topic will help students to visually memorize the material by using the elements and principals of art.

Picasso standards

VAHSPAMC1.b

- Reflects on emerging personal artistic preferences.

VAHSPAMC1.g

- Identifies preferred materials and working methods.

VAHSPAPR2.b

- Demonstrates understanding of the dark/light value quality of specific colors.

VAHSPAC2.b

- Directs own learning.

Curriculum Connections

- Science

Materials

- tempera paints
- paint roller and paint tray
- construction papers
- an image of the lifecycle of a butterfly

Warm-up Questions

- Why do people have unique fingerprints? Why do people need fingerprints? How are they similar and different?

Background

We do not pay attention fingerprints nor do we think about its affects in our lives. Every person has different fingerprints because the development of them is both genetically and environmentally influenced. Unique fingerprints provide reliable identification, so we have a secure identity when or where we go.

Guided Practice

Now that students have learned the purpose of fingerprints, they will incorporate this concept to make art. Give students time to explore making different shapes of fingerprint stamps. For examples, ask them to experiment by stamping with their finger tips and the sides of a finger and to experiment by creating values by pressing hard or light, or by layering the fingerprints.

Activity

The student will portray the lifecycle of a butterfly by using their fingerprints. Explain students about different stages of growth throughout life of a butterfly. Teach students the names of each stage and how the butterfly looks during each stage.

- From the projector, show students the example image of life cycle of a butterfly. The image should include the stage of eggs, caterpillar, chrysalis (pupa), and butterfly.
- Setup the 4-6 colors of paint on the table. Roll out the paint on the paint tray, so the paint is suitable for students to fingerprint.
- Next, students will choose the color to fingerprint the stages of lifecycle of the butterfly. Help students to create different value and shapes by experimenting with how they fingerprint. Finally, students will label the each name of stages.