

Pointillism Lab

Name:

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Introduction:

Today is the first art technique demo lab that you will get to participate in for the State of the Art Chemistry project. We will be looking at how pointillism can be used to represent a piece of art just as it is used to represent the location of an electron in an atom.

Materials:

- Q-tips
- Water colors
- Crayons
- Markers
- Colored pencils
- Cardstock paper
- Painters tape
- Pencil
- Photograph
- Paper towels

Procedure:

1. Tape the edges of the paper with drafting tape.
2. Sketch basic drawing lightly with a pencil.
3. Try different techniques at each table to create dots on the page. **Be gentle!**
 - a. Colored pencils
 - b. Markers
 - c. Crayons
 - d. Water colors and Q-tips
 - i. Dip the Q-tip in water and dip it into the paint.
 - ii. Pressing down lightly will make a small dot, more pressure will create a larger one.
4. Use dots of primary colors placed next to each other instead of mixing colors.
5. Try to fill up as much of the paper as possible with color.
6. Clean up your area with a paper towel. Clean water color tray. Throw away Q-tip in trash can.
7. Remove the tape when the painting is dry.

Name:

Conclusion:

How is pointillism used to explain electron orbitals in an atom?

they show dots / points which
make up the probability of
the atoms structure.