

DIY Suncatcher

SUPPLIES

- ☐ Wax Paper
- ☐ Tissue Paper (several colors)
- ☐ White Glue
- ☐ Scissors
- ☐ Small Paintbrush
- ☐ Water
- ☐ Hole Puncher
- ☐ Yarn or String

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to follow along with a
MOSH Molecules instructor!



PROCESS

1. Cut a piece of wax paper in the shape of your choice (circle, square, heart, butterfly, etc).
2. Pour about $\frac{1}{4}$ cup of glue in a small container and mix with water until it becomes runny. Add about a teaspoon of water at a time.
3. Use your paintbrush to cover the wax paper with glue.
4. Choose one of the tissue paper colors and start covering your shape with it. Change tissue paper colors and cover all of the wet glue on the wax paper.
5. Once you have covered all of the wet glue with tissue paper, create a second layer of glue on top of the tissue paper. Let it dry.
6. Once dried, punch a hole for the string using the hole puncher. Tie your string and hang your suncatcher by a window.
7. Observe what happens when sunlight reaches the sun catcher. How does the light change? What happens when there is no sunlight?

THE SCIENCE

Light is a form of energy that our sense of sight can detect. One of the best examples of light or radiant energy is the Sun! Besides the Sun, other sources provide light. Burning objects give off light. Some animals, such as fireflies and certain fish, give off light. Lightning and electric lightbulbs also produce light.

Different types of objects interact with light in various ways. Opaque objects will not let light through (think of an animal or a book). Transparent objects will let light go completely through (think of water or air). A suncatcher is known as a translucent object. It catches some of the light and scatters it.