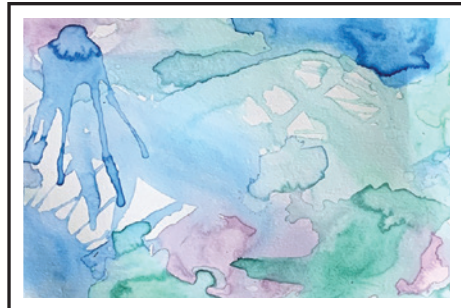


AT-HOME SCIENCE ACTIVITIES



blow painting by Isla, 6 years old

blow painting

MATERIALS

paper
water
markers, watercolors,
acrylic paints,
and/or food coloring

pens, crayons,
and/or markers

*optional:
drinking straw

DIRECTIONS

Draw and fill in shapes on your paper using markers, watercolors, acrylic paints, or food coloring. We recommend only using 2-3 colors for best results. Pour water on top and watch to see if the colors begin to blend and make colored water puddles. Gently blow your colored water puddles to spread your colors around. You can blow through a straw to better direct where your colors go.

THE SCIENCE

When you take a deep breath in and hold it, your lungs are holding a high level of **potential energy**. Once you release your breath, that potential energy is changed or converted into **kinetic energy** and you can feel your breath rush out with **force**.

EXPERIMENTS

- Try blowing colors into each other to create other colors. For example, can you blow yellow and red together to make orange? Or blue and red to make purple?
- Try drawing an outline of a picture or shape with a crayon first. Then, add your colored water puddles. Control the force of how much you blow and try to fill the shapes.
- After making your blow painting, what shapes do you see? After your painting is dry, outline the shapes with pens, crayons, or markers and see what emerges!

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