



Weather











STEAM BUNDLE



THIS BUNDLE INCLUDES:

- 5 Big Question Posters
- 12 Inspiration Photos
- 16 Supply labels and teacher tips to set up five inquiry-based STEAM stations for children ages 3-9

STEAM STATIONS Weather

STEAM STATION	SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 1 Building Shade Blocks	Blocks Fabric Cardboard Animal figurines Leaves	 	Explore creating shade by building with blocks and making shade structures with fabric and cardboard. Put figurines under the shade.
LESSON 2 Fan Experiment Technology	Fan Light and heavy objects	 	Gather a variety of heavy and light objects and experiment putting them in front of a blowing fan. What happens? Record on a chart if it flies through the air or falls.
LESSON 3 Heavy Clouds Science	Shaving cream Bowl Eyedroppers Paint Clipboards	 	Put shaving cream on top of water in a bowl. Use an eyedropper to drip blue watery paint into the shaving cream. What happens? Draw observations.
LESSON 4 Snow Dough Sensory	Dough (see recipe)	 	Make snow dough with 4 cups flour, 1 cup oil and glitter. Mix together and put in a sensory tub. Children explore the dough and texture.
LESSON 5 Rainbow CDs Technology	CDs Flashlight Yarn	 	Dangle CDs from the ceiling at different heights. Children use the flashlights to shine on the CDs and look for rainbows on various surfaces.

? What does snow feel like?

Set-Up Directions

These open-ended STEAM stations invite children to investigate, problem-solve and create.

- Hang the Big Question and Inspiration Photos on the wall next to the place you set up the investigation.
- Use the labels to identify and organize materials children will use (and clean up) as they explore STEAM stations.

ROTATING YOUR STATIONS

- Introduce one new STEAM station daily. Leave that station set up all week. By the end of the week, children will have five stations to explore.



**How can you
make shade?**



**What blows
in the wind?**



**How do
clouds rain?**



**What does
snow feel like?**



**How can
you make
a rainbow?**











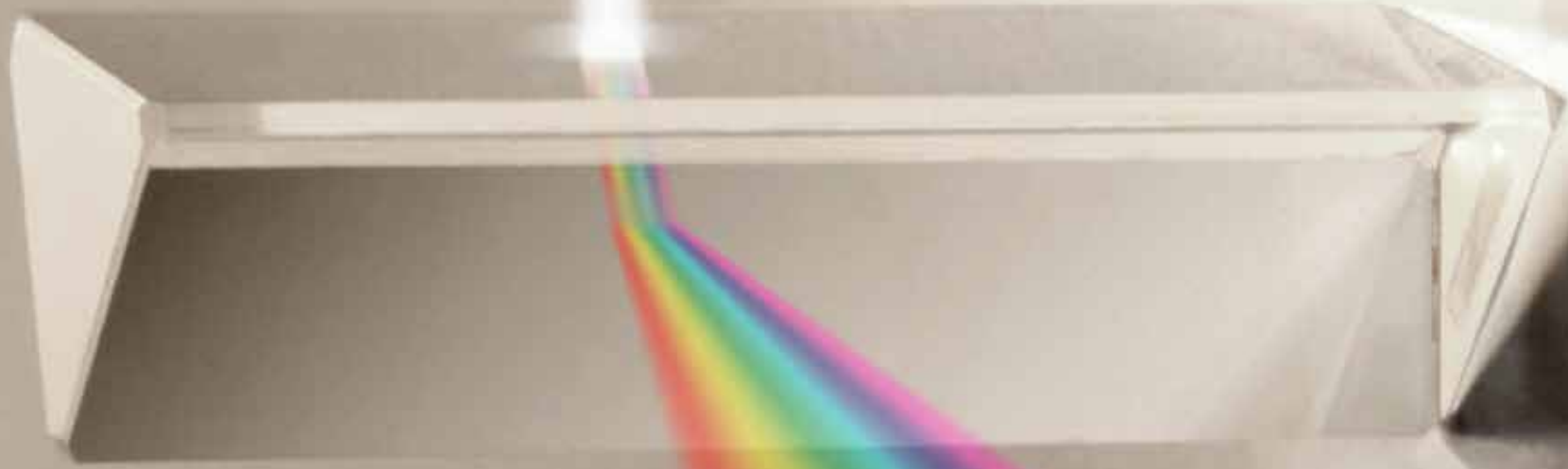
Cirrus

Stratus

Cumulus











Blocks



Fabric



Cardboard



Animals



Fan



Light and
Heavy Objects



Shaving Cream



Bowls



Eyedroppers



Paint



Clipboards



Snow Dough



CDs



Flashlights



Yarn



Leaves