



Weather

STEAM BUNDLE



What does snow feel like?

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.



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?**











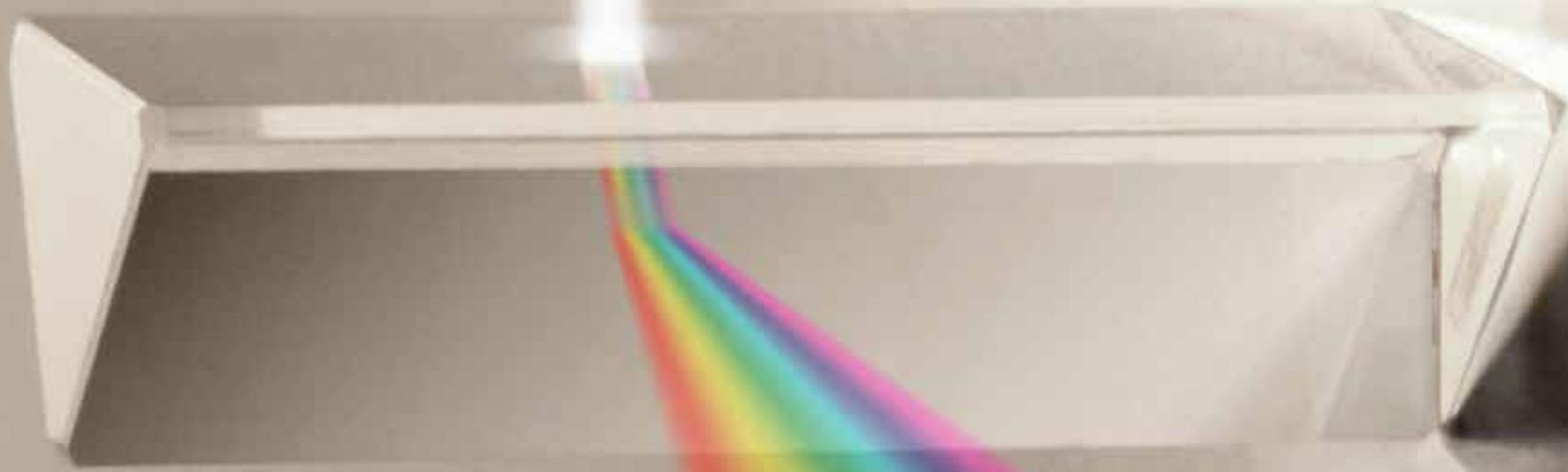
Cirrus

Stratus

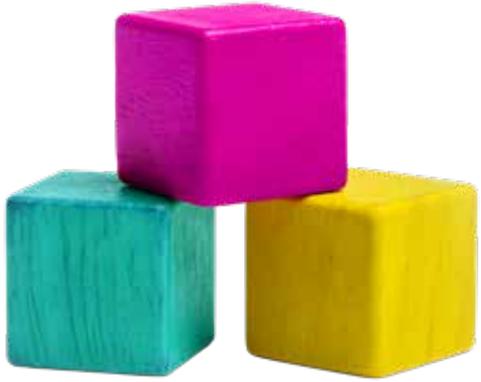
Cumulus











Blocks



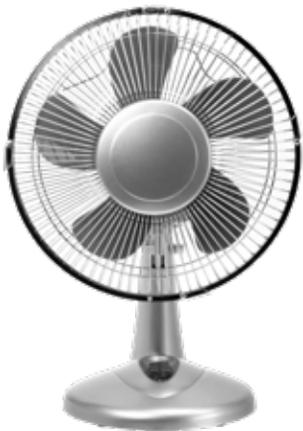
Fabric



Cardboard



Animals



Fan



Light and Heavy Objects



Shaving Cream



Bowls



Eyedroppers



Paint



Clipboards



Snow Dough



CDs



Flashlights



Yarn



Leaves