



Storms

STEAM BUNDLE



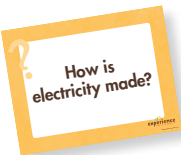











How is
a tornado
made?



THIS BUNDLE INCLUDES:

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

STEAM STATIONS Storms

STEAM STATION	SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 16 Static Electricity Technology	Foam cups	  	Explore rubbing the cups on hair then see how they stick to hair or clothing.
LESSON 17 Rolling Hail Blocks	Blocks Cardboard Balls	  	Investigate ramps and how far objects roll.
LESSON 18 Tornado Bottle Science	Two-liter bottles (2) Tape	 	Fill one two-liter bottle halfway and add glitter then tape another two liter bottle securely to it. Quickly twirl the bottle then flip it upside-down to form a tornado as the water drains into the empty bottle.
LESSON 19 Hurricane Disaster Blocks	Fabric Yarn Blocks	 	Tie the fabric in a knot to make a ball then tie yarn around the ball. Build a block tower and swing the ball until it hits the structure. Pretend it is a hurricane blowing buildings down.
LESSON 20 Flooding Bowls Sensory	Bowls Blocks	 	Put a bowl of water in a sensory tub. Experiment with adding blocks to the bowl until it raises the water to overflowing. Refill the bowl with water and experiment again.

? How is a tornado made?



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 is
electricity made?**



**How far can
balls roll?**



**How is
a tornado
made?**



**How are
hurricanes
dangerous?**



**What happens
when a river
floods?**





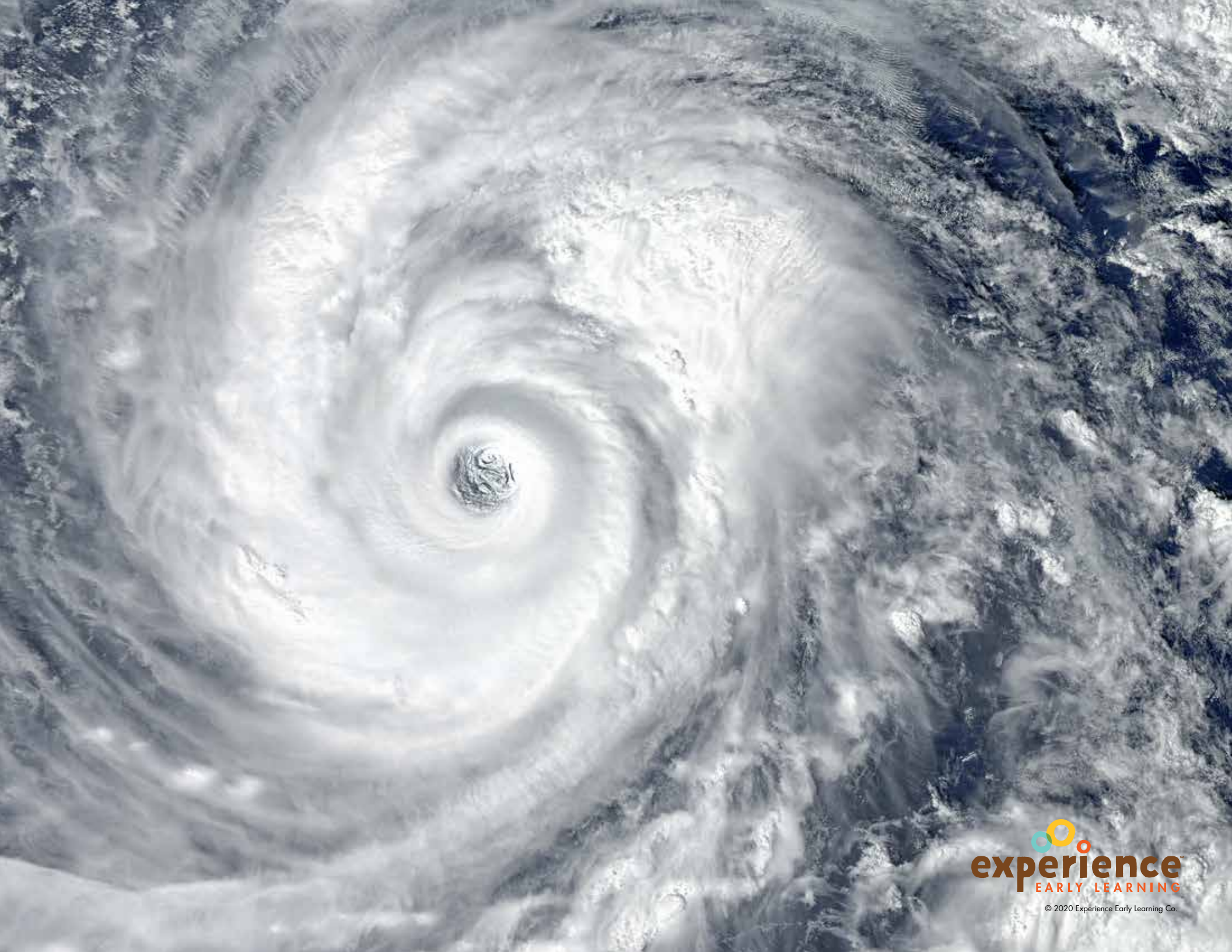
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Foam Cups



Blocks



Cardboard



Balls



2-Liter Bottles



Tape



Fabric



Yarn



Bowls