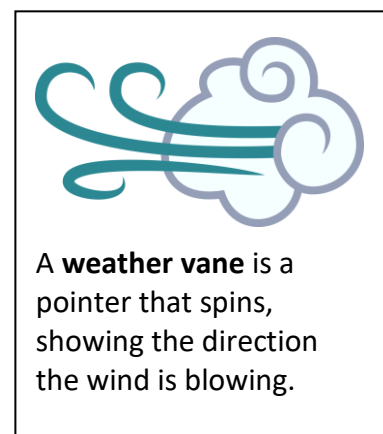
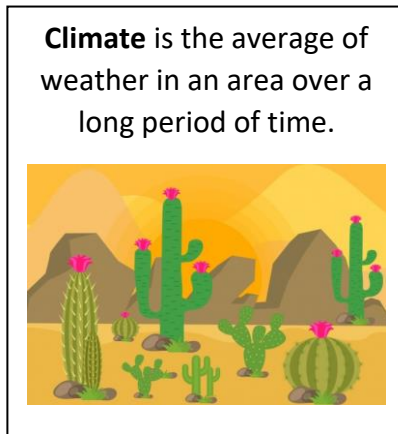
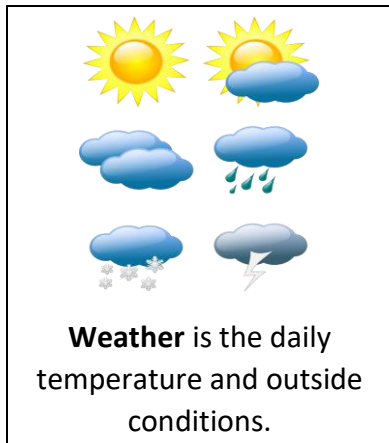




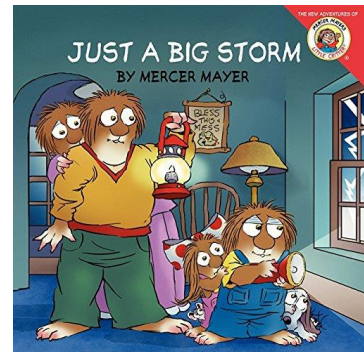
WEATHER (K-2)

The SCIENCE of WEATHER:



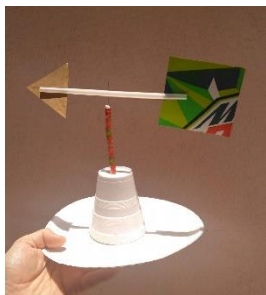
READ: Mercer Mayer and the Little Critter series tackle many challenging concepts, and [Just a Big Storm](#) is a great way to start a conversation about what to do when the wind is blowing hard and the lights go out!

Don't have the book at home? Click the title for digital access or check out a [read aloud online](#).



ACTIVITY: BUILD a WEATHER VANE

Materials: thin cardboard (cereal box is great), straw, scissors, tape, paper plate, paper cup, markers, pencil with an eraser, pin, compass, ruler, rocks/pennies



1. Cut a square of cardboard about 3 ½ in x 3 ½ in AND a triangle shape about 2 ½ in tall.
2. Cut a slit in each end of the straw.
3. Slide the cardboard onto each end of the straw and tape it.
4. Write *North, South, East* and *West* on the plate (shown)
5. Glue the cup upside down in the center of the plate.
6. Push the pencil through the top of the cup

TIP: Don't push too tight –the straw should be able to spin

7. Mark the center of the straw and push the pin through the straw and into the pencil eraser
8. Use the compass to line up with north, and weigh the plate down with rocks, pennies, etc.

What is happening? When the wind blows, the arrow will point to the direction the wind is coming from!

For step-by-step instructions, watch the video at: [Weather Vane STEM Activity](#)

This at-home educational activity is from the Literacy Coalition of Palm Beach County's literacy-based Stories & STEM program. Stories & STEM is made possible with support from Prime Time Palm Beach County, Inc., which receives significant funding from the Children's Services Council of Palm Beach County, Inc.

Having fun? Send pictures or video links of you and your Stories & STEM projects to csharkey@literacypbc.org