



# The Windy Day

## Learning Goal

Students will learn about wind, how it moves, and about tools that are used to measure its movement.

## Vocabulary

**wind**

moving air

**meteorologist**

someone who studies the weather

**anemometer**

a tool that measures wind speed, or how fast the wind blows

**weather vane**

a tool that indicates what direction the wind is coming from

## Episode Information

**Weather Hunters:** *The Windy Day*

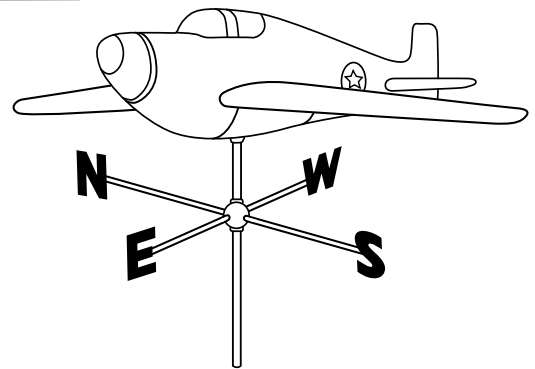
## Suggested Books

- *When the Wind Blows* by Linda Booth Sweeney
- *Kate, Who Tamed The Wind* by Liz Garton Scanlon
- *I am the Wind* by Michael Karg

## Before Viewing

### Before we watch, let's think together...

- What is wind?
- How can you tell if the wind is blowing outside?
- What did you notice about the wind today?



Find more games and activities at [pbskids.org/weatherhunters](https://pbskids.org/weatherhunters)



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## After Viewing

### Let's talk about what we saw!

1. What science tool did Lily find?
  - a. What does it measure?
  - b. How does it work?
2. How does Corky say the weather vane works?
3. What happens to the flag when the wind blows harder?
4. Why did the wind chime stop moving?
5. What information did they gather from the weather vane?
6. How did the change in wind affect the kite?

### Let's think about how this connects to our lives!

1. Lily, Corky, and Benny needed tools, observations, and evidence to make their weather report. What kinds of tools would you need if you were making your own weather report?
2. What observations about the wind could you make when you go outside?

## Extension Activity Ideas

1. Scientists use tools to measure the weather. These tools, such as thermometers, rain gauge, hygrometer, wind vane, and anemometer, help them gather evidence and compare what the weather is like from day to day. Engage students in conversations about the other tools that can be used to help us to better understand the weather.
2. Scientists use an anemometer to measure wind. It works just like a pinwheel! Invite students to use **Design a Pinwheel | Printable** to make their own pinwheel. Then use a weather journal to measure and record the wind speeds throughout the week.
3. Create your own weather report as a class! Encourage students to gather evidence (e.g., video, pictures, drawings) of different types of weather they observe throughout the week. Then as a group, share what you've learned about the weather.

### School-to-Home Connection

**Article:** The Family Forecast: Al Roker on Making Weather Education Fun | PBS KIDS for Parents

**Activity:** Design a Pinwheel | Printable

**Activity:** Weather Instrument Card Game | Printable

**Printable:** Wondering About The Wind | PBS KIDS

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