



# BLOWING IN THE WIND

## WHAT WILL THE WIND BLOW? CHECK AND SEE!

### Episode: "Breezy Rider" (11 min.)

Nature Cat and his pals are enjoying a windy day by flying kites in the park. But the merriment takes a turn when a strong gust of wind blows Squeeks' kite up into the sky with Squeeks still holding onto it! Nature Cat, Daisy and Hal snap to action, chasing the kite to get Squeeks. Tally ho!

**Episode curriculum goal:** You can harness the wind's energy to move something from one place to another.

**Clips on PBSKids.org: "Breezy Squeeksy"**

\*To view clips, visit [PBSKids.org/video](http://PBSKids.org/video), click on Nature Cat and select Browse.

### Goal of Activity:

Compare and contrast the impact of wind on various objects. Develop skills in observation, problem-solving, question asking and drawing conclusions.



### The Basics:

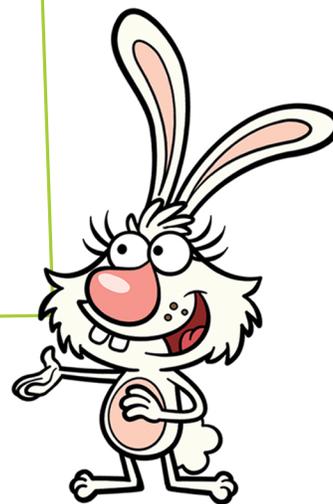
**Number of Children:** Any number. Younger children may need help from an adult.

**Space:** A table with clear workspace.

**Time:** Approx. 15 minutes.

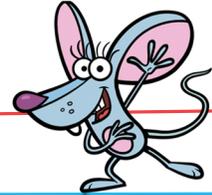
### What You'll Need:

-  2-4 fans to be determined by the number of participants expected
-  Copies of Prediction Papers (Appendix A) and pencils
-  Feathers
-  Leaves
-  Rocks
-  Paper bags
-  Paper
-  Tree rounds or a piece of heavier wood
-  Containers for items to be tested



## Preparation (before children arrive):

- 🍃 Conduct the activity at a child-height table. Depending on how many children you anticipate participating, you can have more than one table set up.
- 🍃 Place two fans at either end of a table.
- 🍃 Put a set of items to be tested in a container near each fan.
- 🍃 Provide handout of Prediction Papers and pencils at each table.



## Tally Ho! What to Do:

- 🍃 Introduction: Let's test different materials/objects to see what the wind will blow.
- 🍃 Pick an item from the pile and predict whether the wind will blow that item. Mark an X on the prediction paper under either the yes or no column.
- 🍃 Test that item by putting it in front of the fan. Turn on the fan. Was your prediction correct?
- 🍃 Make observations:
  - If the item moved, did it move immediately or did it take some time?
  - If you turn the item a different way (sit upright rather than lay down), does that change whether the wind can move it or how long it takes for the wind to move it?
  - How did the wind get the object to move?
- 🍃 Continue to do this with each item.
- 🍃 Make observations comparing the items:
  - Is it easier for the wind to move some items than other items that also can be moved?
  - How are the items that the wind moves the same?
  - How are the items that the wind cannot move different from the items that do move?

## Onward and Yonward! Take It Further:

**Things to talk about:** As children explore the activity, facilitators can engage children in conversations about their findings and discoveries about wind.

- 1) Will something different happen if you lay the item down compared to sitting it upright?
- 2) What happened when you opened the bag up? Did it take a longer or shorter time to move?
- 3) Why did some materials blow down or move, but others did not?
- 4) Can you think of other places or things where you have seen the wind move?



## Partnership

The What Will the Wind Blow Activity was created in partnership with Kohl Children's Museum.

## What Will the Wind Blow?

Please mark your predictions with an X in the yes/no boxes. Then make a smiley face in the Results box if the object was blown by the wind.

Item	Yes	No	Results
Paper 			
Leaf 			
Rock 			
Paper Bag 			
Tree Rock 			
Feather 			