

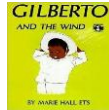


Small Groups: What Can Air Move?

Support level: High

Standards:

ATL.IC.PS.2, 5
CA.VA.PS.1, 2, 4
ELA.SL.CC.PS.1 - 3
PHD.FM.PS.1, 5,6



Materials:

- *Gilberto And The Wind*
- tabletop or hand-held fan
- hair dryer
- tray
- chart paper
- marker
- variety of objects of different sizes/ weights, i.e., corks, aluminum foil, ping pong balls, stapler, etc.

Vocabulary:

- speed
- heavy
- light
- observe: watch and listen carefully
- results: what happened
- experiment: try something
- test
- predict: what you think will happen
- data

Preparation: Set up materials.

Procedure: Show illustrations from *Gilberto And The Wind*. Encourage children to notice how the wind moved some things very easily, but was unable to move other objects. Tell children that they will conduct an **experiment** to **test** whether wind is able to move various objects.

Set out tray with objects to be **tested**. Ask a child to pick one of the objects and to describe how the object feels, i.e., **light, heavy**, etc. Ask child to **predict** if the wind will move the object, and to explain why or why not. Have other children hold the object and make **predictions**. Use an **observational data** chart to record children's **predictions**.

Encourage children to **observe** and discuss what happens when the object is placed in front of fan/ hair dryer at low speed. If object did not move, turn fan/ hair dryer to high speed and re-test. Record **results** on observational **data** chart.

After all objects have been **tested, experiment** using wind to move objects on different surfaces, i.e., the rug, to see how that impacts the movement of the objects.

Encourage children to identify the variables that affected the movement of the objects..

