



# Activity Kit

## Wind Energy Kit

### Materials

Water Power Set—Use box layout guide for inventory

2 Large Yellow Wheels

Green Plastic Box

Instruction Manual—Inside binder

Teacher Guide—Inside binder

Understanding Wind Power by Polly Goodman



NOTE: You will need to provide your own wind source, either natural or a box fan.

NOTE: You will need to build paper sails for the Windmill and Sail Car. Templates are provided.

**Recommended for Grades 3 and Up**  
**Choking Hazard**

HARFORD COUNTY  
Public Library  
HCPLonline.org

Access • Information • Service  
Anytime • Anywhere

For more information  
contact your local branch

Communities  
Thrive  
@ your  
Library



Appropriate accommodations for individuals with disabilities will be provided upon request. Please notify the branch offering the program at least 5 business days prior to the event. TTY users call Maryland Relay (711). This document is available in alternative format upon request.



## What to know about this kit...

This kit demonstrates how wind can be harnessed to move machinery and generate electricity. While using this kit you will build three models:

- Windmill
- Sail Car
- Wind Powered Water Lift

The Wind Energy Kit is one of 3 related kits: Solar Energy, Wind Energy, and Water Energy. You may want to consider checking out the Solar Energy Kit at the same time. The Teacher Guide for the Wind Energy Kit shows how the Windmill can be used to create electricity to move the Crank Man or Mini Shuttle Ride models from the Solar Energy Kit.

