

## Ask your kids about their trip to the Sciencenter!

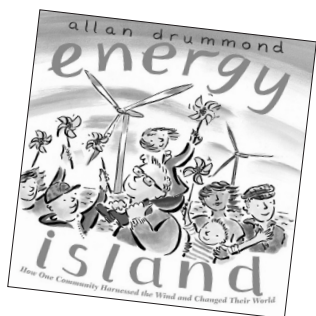
- How many pennies could your windmill lift?
- Tell me how you worked together with someone else to solve a problem today!
- What did you make and what type of energy did it use?

### Other Books about Engineering and Energy

Berger, Melvin. *Switch On, Switch Off*, HarperCollins Publishers, 1989.

Kamkwamba, William. *The Boy Who Harnessed the Wind: Picture Book Edition*, Penguin Young Readers Group, 2012.

Kaner, Etta. *Who Likes the Wind?* Kids Can Press, 2006.



**Kids Discover the Trail!** is a collaboration of the

- **Discovery Trail**
- **Ithaca Public Education Initiative**
- **TCSD Foundation**
- **Tompkins County school districts**

*KDT!* provides curriculum-based field trips to the eight sites of the Discovery Trail.

For more on *KDT!* visit: [www.kidsdiscoverthetrail.org](http://www.kidsdiscoverthetrail.org)



2nd Grade Discovery Trail Site • *Look, Touch, Listen & Discover!*

Visit our website for current admission and mini-golf prices, a complete calendar of events, and more information to help you plan your next trip to the Sciencenter!

#### HOURS

Tues.-Sat., 10am-5pm, Sun. 12-5pm  
Open Mon. in July & August and  
holiday Mondays



**Sciencenter**

601 1st St., Ithaca, NY 14850 • (607) 272-0600 • [www.sciencenter.org](http://www.sciencenter.org)

## Energy Island

by Allan Drummond

is a special keepsake book to celebrate your child's 2nd grade trip to the Sciencenter as part of *Kids Discover the Trail!*

*Dear Young Science Explorer,*

You recently took a field trip to the Sciencenter, Ithaca's hands-on science museum, as part of the **Kids Discover the Trail!** program. While on the field trip, you spent the day with a second grade class from another Ithaca school and explored hands-on exhibits, made new friends, and used engineering skills to solve problems relating to renewable energy.

We are pleased to provide the enclosed book as part of the **Kids Discover the Trail!** program to extend the field trip experience. We hope that you will enjoy reading the book with your family and trying the activities that follow. We encourage you to visit the Sciencenter with your family, and if you have any questions or feedback, please contact us at [info@sciencenter.org](mailto:info@sciencenter.org).

*See you at the Sciencenter!*

## Try these activities at home!

### Make a Draft Catcher!

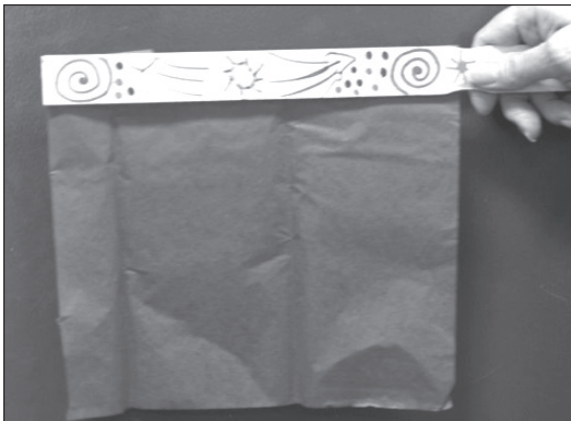
Use these basic materials to find drafts, or places where air is moving in your home.

#### **Materials:**

- 1 paint stirrer, pencil, or popsicle stick
- 1 piece of tissue paper
- Tape, glue stick, or other adhesive
- Markers for decoration

#### **Directions:**

1. Decorate your paint stirrer or popsicle stick.
2. Attach the tissue paper to the paint stirrer, popsicle stick, or pencil to create your draft catcher.
3. Go around to windows and doors in your house, if the tissue paper flutters then there is a draft.



### Make a Draft Stopper!

Once you have detected a draft by a door or window create this Draft Stopper to stop the draft and save energy!

#### **Materials:**

- 2 pieces of fabric, 6x38 inches
- Sewing machine with thread
- Dry lentils or rice for filling
- A small scooper for filling
- Wiggly eyes, fabric glue and other fun items to decorate your stopper!

#### **Directions:**

1. Measure, cut, and sew fabric pieces along the sides and bottom, leaving the top open.
2. Fill the fabric with dry lentils or rice, leaving a little room to sew the top pieces together.
3. Decorate your draft stopper!