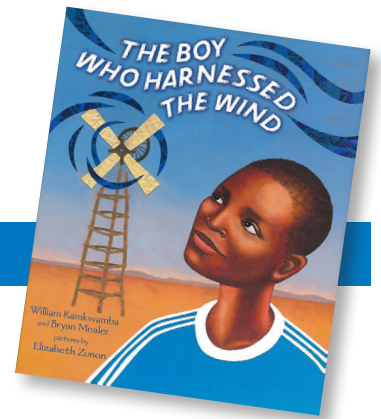



# The Boy Who Harnessed the Wind



## RIF EXTENSION ACTIVITIES FOR EDUCATORS

### THINK-TAC-TOE ACTIVITY OPTIONS

- ◆ Individual students can choose an activity to complete.
- ◆ Student pairs or cooperative groups can work together on a choice of their own.
- ◆ Educator can assign an activity for an individual, pairs or groups.

<p><b>INNOVATIVE INVENTIONS</b></p> <p>From toilet paper to light bulbs; bubble gum to blue jeans, everywhere you look you see an invention. Choose the one invention you think you think is the most innovative. Prepare a presentation of your choice to show why you think this invention is tops!</p> <p><i>Science, Writing, Social Studies</i></p>	<p><b>IN THE NEWS!</b></p> <p>As a reporter for the local newspaper, write a newspaper article about William and his recent accomplishment, constructing a windmill. Make sure to answer the journalism questions: who, what, when, where, why, how and so what? Have an eye-catching headline so people will read your article!</p> <p><i>Writing, Science</i></p>	<p><b>EXPENSIVE EDUCATION</b></p> <p>William was desperate to stay in school but couldn't because of money. The school fees in Malwai were \$80. Create a display that shows how much money it costs per day to attend school. What do you think the money covers per day? Compare this to your experience. Is \$80 too much or too little based on your findings?</p> <p><i>Math, Social Studies</i></p>
<p><b>IN HIS SHOES...</b></p> <p>Make a Venn diagram to compare your experiences at home and school to William's. What are the similarities and/or differences? Do you think William would have had the same motivation if he lived in your area now?</p> <p><i>Language Arts, Social Studies</i></p>		<p><b>DEAR DIARY</b></p> <p>Find out what William was thinking by watching his documentary at <a href="https://movingwindmills.org/">https://movingwindmills.org/</a>. Choose a period of William's life: before, during or after the windmill project. Write a diary entry from William's perspective, reflecting the thoughts he may have had on that day.</p> <p><i>Technology, Writing</i></p>
<p><b>MINI WINDMILL</b></p> <p>Draw a circle about three inches in diameter and cut out. Find the center of the circle. Divide circle into 8 even wedge shapes. Cut along lines to about 1/4 inch from the center. Place a push pin through center onto pencil eraser. Gently bend down one corner on each wedge. Be sure to use the same angle each time. Will it spin in the wind?</p> <p><i>Science, Engineering, Math, Art</i></p>	<p><b>COMING TO A THEATER NEAR YOU</b></p> <p><i>William and the Windmill</i> is the documentary film about William Kamkwamba. Create a movie poster to feature this documentary so that others would want to see this amazing story. When finished, log on to <a href="http://www.williamandthewindmill.com">www.williamandthewindmill.com</a> to see the original. What was the focus of it? What is the focus of yours?</p> <p><i>Art, Language Arts, Technology</i></p>	<p><b>WISEST WIND TOOL</b></p> <p>An anemometer measures how fast the wind is blowing. Google "how to make an anemometer." Copy the directions; compare the process and the materials needed from at least 2 different sites. Which anemometer do you think would be the most efficient? Include a diagram of your choice to help explain your reasoning.</p> <p><i>Science, Technology, Math</i></p>