



# The Boy Who Harnessed the Wind



When William Kamkwamba was born in Malawi in 1987, his father expected that he would follow in his footsteps as a farmer; instead, in 2014, he graduated from Dartmouth College in New Hampshire with a degree in environmental studies. *The Boy Who Harnessed the Wind* is the story of his first steps on that long journey.

#### The World of William Kamkwamba

- 1. Locate Malawi on a world map in your classroom or textbook. The country is land-locked and heavily dependent on agriculture, with more than 50% of the people living below the poverty level. The film shows a famine resulting from drought in 2001; another serious drought occurred in 2015 and 2016. What more did you learn about Malawi and the life of its people from the film?
- 2. Watch the first two minutes of the film again. What has happened to the farm between the opening scene and the one that follows? What will happen to the people of this village as a result of drought? What resources do they have to fall back on?

- **3.** What will be the long-term effect of climate change on the people of Malawi? On Africa in general? On the world?
- **4.** What role does deforestation play in the problems of William's village? Why do some of the farmers in the area want to sell their trees? Who wants to buy them? Why? Why does William's father oppose selling the trees? What would you have done in this situation?
- 5. What do you learn from this film about both the local and national governments in Malawi? What does the film say about them? How did the national government handle the famine that resulted from the drought? Did this solve the problem?

### Resources for further reading and study:

Map of Malawi

https://commons.wikimedia.org/wiki/File:Malawi\_map.

Country Facts: Malawi

https://www.bbc.com/news/world-africa-13864367

2



# Meeting William

- **6.** What kind of a person is William as a young teenager? What motivates him? If you were to write a character sketch about William, what characteristics would you include? What evidence do you have from the film to support your ideas?
- 7. William's family (his father, mother, sister, and the baby) is very close-knit. Which aspects of their family life are traditional? Which are more modern? Where do contradictions between tradition and modernity cause tensions?
- **8.** Describe the school near William's home. How does William feel about it? Why was he forced to drop out? What solutions could have prevented him from having to leave school?"
- 9. After William was forced to leave school, how did he find the information that he needed to design his windmill and pump? Where did he get the materials he needed to make them? When you need information and materials for a project, what resources do you have?
- 10. After the period of William's life shown in the film, he came to the United States and studied at Dartmouth College in New Hampshire. Do you think this transition would have been difficult for him? Why, or why not?



### Resources for further reading and study:

William Kamkwamba and Brian Mealer, *The Boy* Who Harnessed the Wind: Creating Currents of Electricity and Hope (Harper Collins, 2009)

Short interview with William Kamkwamba at Dartmouth

https://engineering.dartmouth.edu/news/a-conversation-with-william-kamkwamba-14

Links to William's blog, book, and TED talks https://www.ted.com/speakers/william\_kamkwamba

Malawi Country Education Brief: UNESCO https://www.iicba.unesco.org/en/malawi



## What about You? Getting Involved

- 11. Investigate the problem of desertification in Africa. What is the effect of world climate change on Africa? What steps could be taken to deal with this problem? What will happen if the problem cannot be solved? Prepare a presentation for your class or school on your findings.
- 12. There is still much work to be done in Malawi and other African countries affected by drought and famine. Plan a fundraiser for your school that will also spread awareness of the problems such countries face. You could contribute the proceeds to William's Foundation, Moving Windmills, or another nonprofit working in the region.
- 13. Identify a problem in your own community or school. Work with a team to imagine innovative ways you could solve the problem. Bring your ideas to community leaders or your school administration to generate support for your proposal.

**14.** Make your own short documentary film to explore the problem you identified in Question #13 and to create a record of your efforts to solve the problem.

### Resources for further reading and study:

Desertification in Africa https://earth.org/desertification-in-africa/

Forest Gardens in Sub-Saharan Africa https://www.unep.org/news-and-stories/story/how-forestgardens-are-restoring-land-and-hope-sub-saharan-africa

William's Moving Windmills Foundation https://movingwindmills.org/innovation-center/

Five-Minute Film Festival: Resources for Filmmaking in the Classroom

https://www.edutopia.org/blog/film-festival-classroom-filmmaking-resources

#### Film Credits:

**DIRECTOR:** Chiwetel Ejiofor **WRITER:** Chiwetel Ejiofor

Based on the book by William Kamkwamba and Bryan Mealer

Producers: Andrea Calderwood, Gail Egan

EXECUTIVE PRODUCERS: Jeff Skoll, Jonathan King, Joe Oppenheimer, Natascha Wharton, William Kamkwamba, and Bryan Mealer

CAST: Chiwetel Ejiofor, Maxwell Simba, Lily Banda, Noma

Dumezweni, Aïssa Maïga, Joseph Marcell

**IMAGE CREDITS:** 



This discussion guide for the film *The Boy Who Harnessed the Wind* was written by Eileen Mattingly, Director of Education at Journeys in Film. For additional free materials to bring the world to your classroom, see http://journeysinfilm.org.



50 Sandia Lane 505.867.4666 www.journeysinfilm.org