

Activities to help educators use
*The Boo-Boos That Changed the World:
A True Story About an Accidental Invention (Really!)*

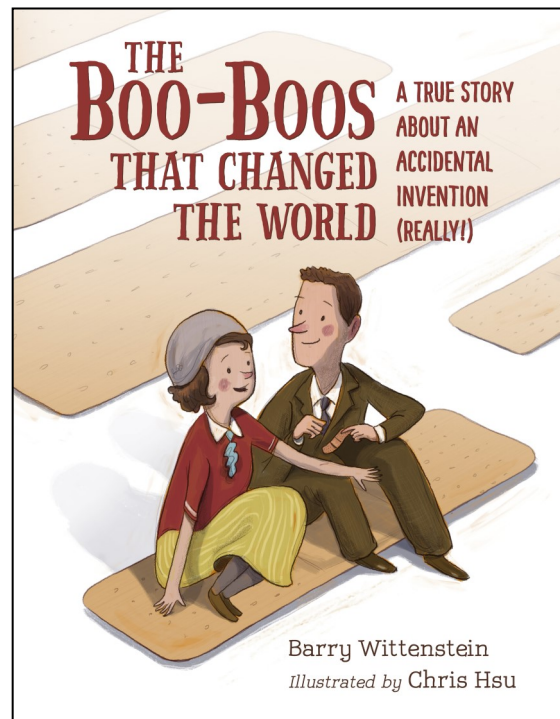
About the Book

★ “Appealingly designed and illustrated, an engaging, fun story about the inspiration and inventor of that essential staple of home first aid.” — *Kirkus Reviews*, starred review

Did you know Band-Aids were invented by accident?

Earle Dickson's wife would often cut her fingers while working around the house. As the son of a doctor, Earle set out to create an easier way for her to bandage her injuries. Luckily, he worked for Johnson & Johnson as a cotton buyer. Voila! Band-Aids were born. The end.

Not really! Earle's bosses at the pharmaceutical giant weren't convinced, and it wasn't until the Boy Scouts of America tested Earle's prototype that this ubiquitous household staple was made available to the public. Soon Band-Aids were selling like hotcakes, and the rest is boo-boo history.



978-1-58089-745-7
E-book editions available

Aligned to the Common Core State Standards Grades 1-2

About the Author & Illustrator



Barry Wittenstein has always been involved with writing, from contributing to his high school and college newspapers, to writing and performing poetry on stage in San Francisco. Barry particularly likes nonfiction, and profiling mostly unknown people and events whose stories have never been told in children's literature. He is the author of *Waiting for Pumpsie* and *The Boo-Boos That Changed the World*. He lives in New York, New York.

Visit Barry online at <https://onedogwoof.com/>



Born in Taipei, Taiwan and raised in Jacksonville, Florida, Chris is an incessantly inquisitive man. In addition to illustrating for editorial, narrative, and agency work, Chris also specializes in animation background art and is currently a background artist on the animated series *Archer*. On the side, he is quite fascinated by history, art history, science, music, psychology, and sports.

Visit Chris online at <http://www.chrishsu.net>.

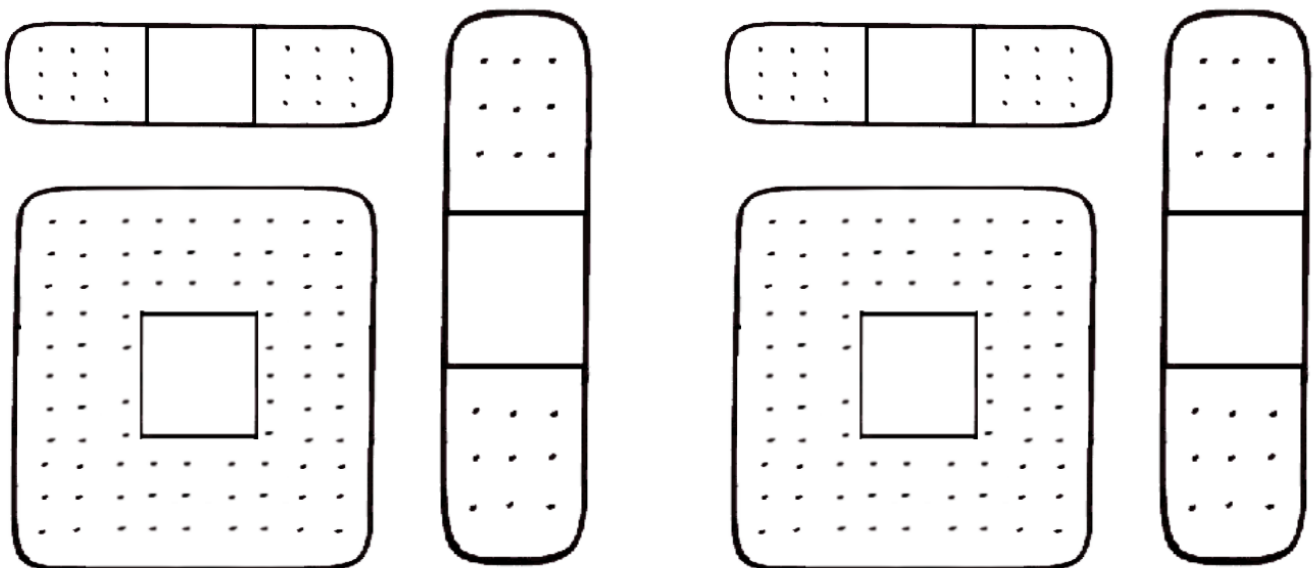
Timeline Activity

Put these events from *The Boo-Boos That Changed the World* into chronological order:

- | | |
|--|---------|
| 1. The Boy Scouts are given promotional Band-Aids | A _____ |
| 2. Band-Aids are distributed worldwide | B _____ |
| 3. Earle notices his wife constantly getting hurt in the kitchen | C _____ |
| 4. Earle is elected to Johnson & Johnson's board of directors | D _____ |
| 5. Earle invents a prototype for the Band-Aid | E _____ |
| 6. James Johnson agrees to produce and sell Band-Aids | F _____ |
| 7. Earle serves on special duty with the War Department during World War I | G _____ |
| 8. Earle marries Josephine | H _____ |
| 9. The first vaccine for typhus is invented | I _____ |
| 10. Earle and Josephine move to New Brunswick, New Jersey | J _____ |
| 11. Johnson & Johnson sends free Band-Aids to soldiers fighting overseas | K _____ |
| 12. Band-Aids go into space for the first time | L _____ |
| 13. Earle becomes vice president of Johnson & Johnson | M _____ |
| 14. Red strings are added to Band-Aids | N _____ |

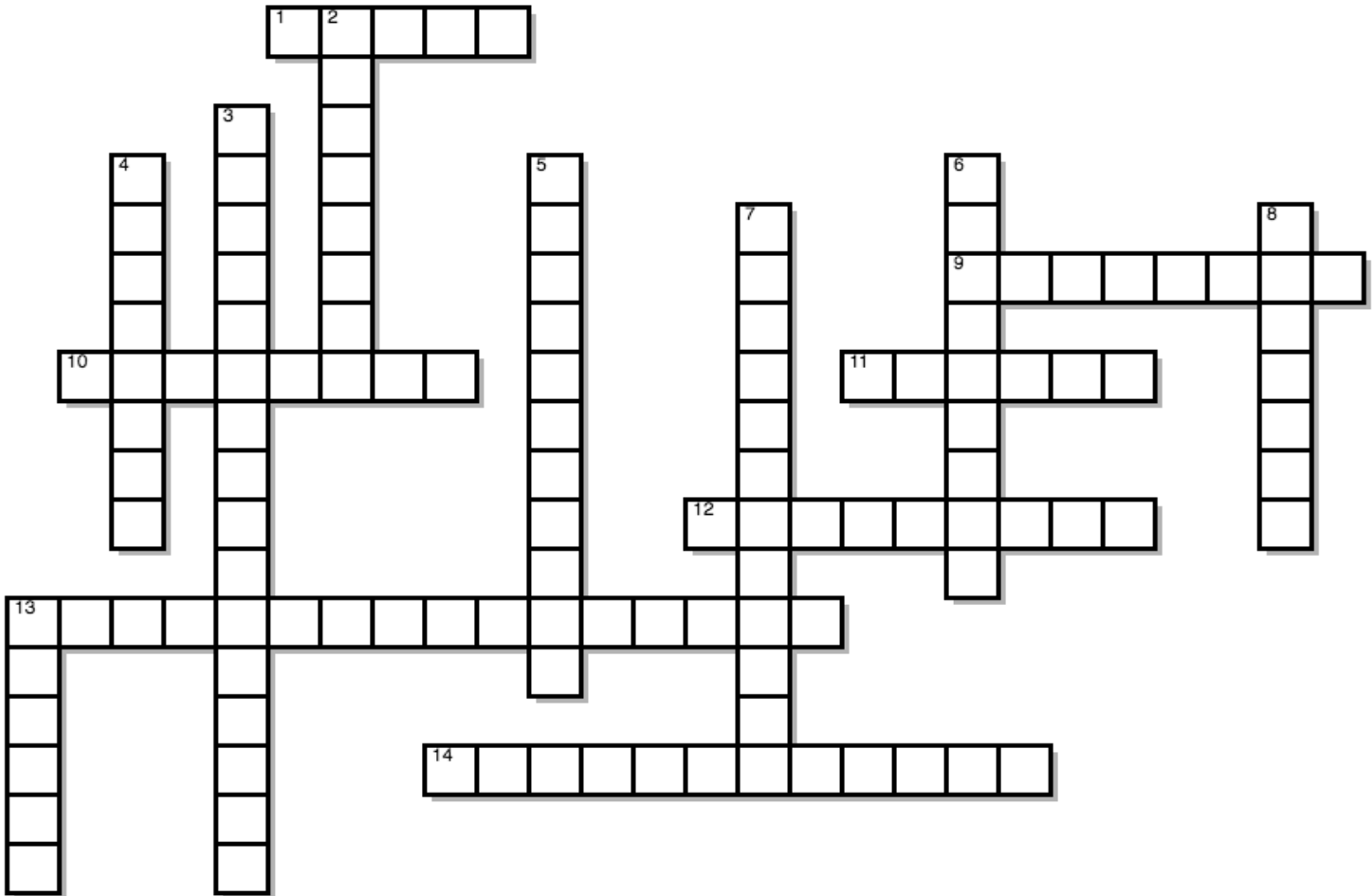
Coloring Activity

Band-Aids now come in all different shapes, sizes, colors, and designs. What kind of Band-Aids would you design for Earle's company?



Crossword Puzzle

Now that you've read all about the history of the Band-Aid, let's see what stuck! Fill in the crossword puzzle below using information from the book.



ACROSS

- 1 Earle used small squares of what on his prototype?
- 9 "Band-Aid" is a combination of the words "bandage" and what?
- 10 Back when they were made in factories, how many inches long was the average Band-Aid?
- 11 What was Earle's father's occupation?
- 12 What group of young boys helped Earle demonstrate how useful Band-Aids are?
- 13 What patent did Earle file in 1925?
- 14 Earle and Josephine lived in what New Jersey city?

DOWN

- 2 The sticky side of a Band-Aid is also called what?
- 3 What was the name of Earle's wife?
- 4 For whom did Johnson & Johnson provide free Band-Aids during World War II?
- 5 Earle was originally hired as a what for a Johnson & Johnson subsidiary?
- 6 Earle invented the Band-Aid partially so his wife would never get a what from her wounds?
- 7 What was the name of Earle's boss?
- 8 In what room of the house did Earle's wife keep hurting herself?
- 13 After mass production, each Band-Aid came with a cute red what?

Survival Kit

First aid kits come in many shapes and sizes, and a well-stocked first aid kit is a handy thing to have in case of an emergency. The Red Cross (a humanitarian organization that provides emergency assistance, disaster relief and education in the United States) recommends that all first aid kits include the following:

- 2 absorbent compress dressings (5 x 9 inches)
- 25 adhesive bandages (assorted sizes)
- 1 adhesive cloth tape (10 yards x 1 inch)
- 5 antibiotic ointment packets (approximately 1 gram)
- 5 antiseptic wipe packets
- 2 packets of aspirin (81 mg each)
- 1 blanket (space blanket) [Available on the Red Cross Store]
- 1 breathing barrier (with one-way valve)
- 1 instant cold compress
- 2 pair of nonlatex gloves (size: large)
- 2 hydrocortisone ointment packets (approximately 1 gram each)
- Scissors
- 1 roller bandage (3 inches wide)
- 1 roller bandage (4 inches wide)
- 5 sterile gauze pads (3 x 3 inches)
- 5 sterile gauze pads (4 x 4 inches)
- Oral thermometer (non-mercury/nonglass)
- 2 triangular bandages
- Tweezers
- First aid instruction booklet

Make sure you include any personal medications, and emergency phone numbers, and be sure to check the kit regularly and replace any used or expired items! For more information, visit the American Red Cross at <https://www.redcross.org/>

