

# STEM BOOKS & APPS

These great books and fun apps will get your students loving science, math, engineering and technology.

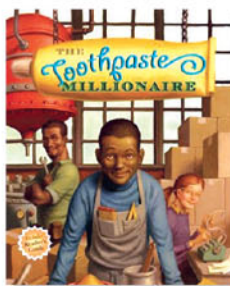


## Books:



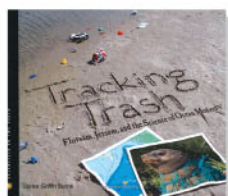
### **The New Way Things Work** by David Macaulay

This book explains the scientific principles of the digital age, including state-of-the-art technologies found in today's innovations like watches and cars.



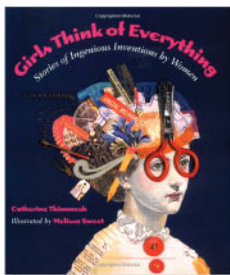
### **The Toothpaste Millionaire** by Jean Merrill

Sixth-grader Rufus decides to invent a new kind of toothpaste, so he develops a step-by-step production plan and becomes a millionaire by the time he's in eighth grade.



### **Tracking Trash: Flotsam, Jetsam, and the Science of Ocean Motion** by Loree Griffin Burns

Learn how oceanographers track and analyze trash that litters the ocean.



### **Girls Think of Everything: Stories of Ingenious Inventions by Women** by Catherine Thimmesh

Find out what inspired the women who turned their dreams into realities with inventions like the windshield wiper and the chocolate chip cookie.



## iOS/Android Apps:



### **Cargo-Bot**

Challenging puzzles that teach kids to think like programmers.



### **Mathmateer**

Build your own rockets and fly them to the stars. Then play one of the 56 different math missions that range in difficulty from even/odd numbers all the way up to square roots.



### **Pocket Universe: Virtual Sky Astronomy**

Hold your iPhone or iPad up to the sky, and the app's built-in compass displays the same view but with information about the constellations, bright stars and planets.



### **Blocks!**

Design just about anything you can imagine in 3-D with virtual blocks.

