

Rising Second Grade Summer Program

Unit 1: “Mad Scientist/Wild Inventor”



To earn your **Wild Inventor Badge**, please follow the directions in each category below.
Good luck & have fun!

READ

Choose 2-3 to read (you can also read more than this!)

- YouTube: [Inventors Who Changed the World Read Aloud](#)
- MackinVIA: [Ada Twist, Scientist](#) (may need to search title)
- MackinVIA: [Ada Twist's big project book for stellar scientists](#) (may need to search title)
- MackinVIA: [The Boo-Boos that Changed the World: a true story about accidental invention \(really!\)](#) (may need to search title)
- MackinVIA: [Whoosh! : Lonnie Johnson's super-soaking stream of inventions](#) (may need to search title)

Checking Out Books (Further Information):

<https://haverford.libguides.com/tabas>

BookFlix virtual ecard

Password: 24752000538007

VISIT or LISTEN

Check out these virtual field trips! What do you see? What did you learn?

- [Choose a Scientist](#) and watch the video about him or her!
- [Bill Nye Science of Music](#)
- [Field Museum: A Virtual Experience](#)
- [How Do 3D Printers Work?](#)
- [Inventors Who Changed the World](#)

WRITE

Select 2-3 and type or write your response on a piece of lined paper.
Superkids Writing Paper: [Option 1](#) or [Option 2](#)

- Choose you a book you read and write a book review ([Book Review Template](#))
- Design a machine. List the materials and step-by-step instructions. [How-To Graphic Organizer](#)
- Write a short story or comic about a scientist and experiment gone mad!
- [Comic Strip Graphic Organizer](#)
- What invention do you think would make the world better? Write about the invention and what it

would do [Graphic Organizer](#)

MAKE

Pick 3-4 “Make” activities below. Take a photo or video of what you created!

- Invent a potion. List the ingredients and what it does, then create an advertisement.
- [Make an invention that would improve the world!](#)
- Build a “bug hotel!” Using household objects, create a small hotel for a bug - use outdoor materials to make sure it feels like home!
- Create a musical instrument using recycled products. Can you make a song or a beat with your instrument?
- How many pennies can you float? Make a boat using only a 5 inch x 5 inch square of tin foil. You can create the boat any way you’d like -- but you can only use the square of tin foil! How many pennies can you float in your homemade boat without it sinking?
- [Do the Egg Drop Challenge!](#) Using recycled materials, build a safe way for a raw egg to drop to the ground without breaking.

Great work! Now it’s time to EARN YOUR BADGE!

- At the end of the summer, fill out the Google Form as found on the [Haverford Summer Work Website](#)
- Follow the steps on the Form
- Congratulations, you have earned your Badge!

