

Workshop

Scribbling Machines & Literacy 3 - 5



Length: 1 - 2 Hours

Subjects: ELA, Engineering, Science



Topics

- ELA: character development, author's point of view, plot development
- Engineering: Inspiration for Making, Maker Mindset

Outline

1. **Introduction to Circuits** - What is a circuit? (Explore with circuit blocks.)
2. **Read "The Most Magnificent Thing"** - In the story, a young girl struggles to make the type of object she has designed in her mind.
3. **Brainstorm** - Chart the main events of the plot. Then, chart the decisions that the main character makes and why. Focus on the challenges she faces.
4. **Basic Machines** - Learn how to connect a motor to a battery and attach objects to a motor's shaft. Investigate how a motor and battery can be attached to a paper cup.
5. **Scribbling Machine** - Use the story as inspiration for designing a device that can scribble on a piece of butcher paper.
6. **Share out** - Explain the inspiration for your device and how you overcame challenges..

Contact

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