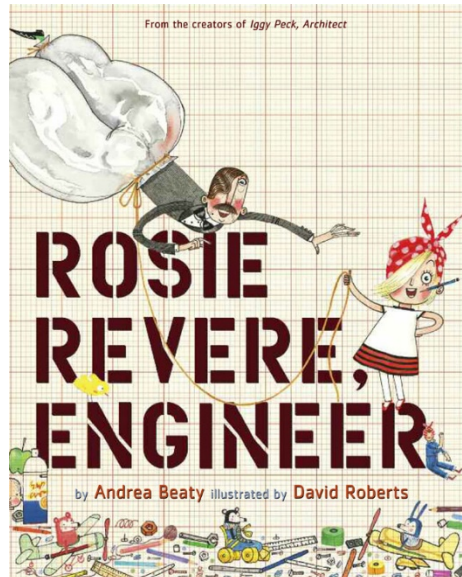


Explorations: Rosie Revere, Engineer (Grade 3)

Curriculum: Science/ADST	Learning Goals: -Planning and Conducting, Processing and Analyzing Information, Evaluating, Applying and Innovating, Communicating -Ideating, Making, Sharing
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Materials

Rosie Revere, Engineer book or access to a website for read aloud story
A variety of materials in the recycled bin
Scissors
Glue/tape
Markers/pencil
paper



Activities

Read the book Rosie Revere, Engineer by Andrea Beatty if you have it at home

OR

visit Awnies House for a Read Aloud session of the story

<https://www.youtube.com/watch?v=f41od1y5MN4>

Connecting Conversations with your parent:

Discuss the various inventions that Rosie created from items she located in the trash.

What items did she use? What did the invention do? Which invention was your favorite?

Activity:

Rosie engineered a 'heli-o-cheese-copter' for her aunty. Create an invention that will help someone in your family from found items in the trash. Brainstorm your ideas on a blank piece of paper before you begin.

Create a unique feature on your invention (ex. spins, lever)

Communicate:

Share your invention with your parent. Explain what you like best about your invention and how it works.

Extension:

-write a story about how your invention will help your family member

-draw a diagram with labeled parts about how your invention works