



Helping Your Kindergartener Thrive

This Week's Lesson: Rosie Revere, Engineer

What You'll Need

- A phone with internet (if you do not have this, skip to 'Alternative Instructions')
- Pipe cleaners
- Other supplies, if needed (see instructions)

What to Do

- Read or watch "Rosie Revere, Engineer" (<https://www.youtube.com/watch?v=3sNVhNThxcc>)
- As you read, point out the different machines that you see and ask your child to study how they work. Point out the way it takes Rosie many tries to get her machines working correctly.
- After the story, take out the pipe cleaners from the learning kit and ask your child to build a pipe cleaner "machine" and come up with a purpose for the machine. Feel free to use as many supplies as you like--things from everyday life, such as old yogurt cups, cardboard packaging, and soda caps, are examples of things that could be incorporated into the machine.
- It may take your child several tries to create something they are happy with. As they work, encourage them to think of Rosie and how she kept trying until she found a way to make her machines work.

Alternative Instructions

(if you don't have a phone to watch the story or a copy of the book on hand)

- Talk to your child about machines and how they are all around us. You could point out that small or large appliances in your home, vehicles, and phones are all machines. Talk about how it takes many tries for engineers--that is, people who build machines as a job--to get a machine just right.
- Take out the pipe cleaners from the learning kit and let your child practice being an engineer by building a "machine."
 - If you like, you can incorporate more materials than just the pipe cleaners. You can try go around your house and gather a variety of odds and ends--such as old yogurt cups, cardboard packaging, and soda caps to add into the machine as well.
- It may take your child several tries to create something they are happy with. As they work, encourage them to keep trying.

Keep It Going

- As you go about the rest of the week, feel free to keep collecting odds and ends to help your child build more machines (or add on to one they've already created.)