

Science All Around

Summary

Technology is using science to solve problems. Technology changes as people make new things. Machines are one kind of technology. They help people do jobs faster and easier. Tools are a kind of technology. Tools help us do different jobs. Many tools are simple machines. They have few or no moving parts. A wedge is a simple machine that pushes things apart. Other simple machines are a screw, lever, pulley, wheel and axle, and inclined plane. People also use technology to communicate.

Before Reading

Take a Picture Walk

Build background for the book by taking a picture walk with children. Discuss the pictures and preview the key vocabulary and concepts. Invite children to name examples of technology they use every day.

Vocabulary

inclined plane, lever, pulley, screw, simple machine, technology, wedge, wheel and axle

Comprehension Skill: Put Things in Order

Say: Many of the jobs we do happen in a certain order. Think about a computer. Tell, in order, the steps you follow to use a computer.

During Reading

Think Critically

Have children answer the *What Did You Learn?* questions located on the inside back cover of their book.

1. What do machines help farmers do?

Machines help farmers do work faster and easier. Plows make the soil ready. Seed drills help plant seeds. Machines

may help pick the beans. Trucks take the beans to the store.

2. **What are some tools you can find in a kitchen?** Tools you can find in a kitchen include a rolling pin, spoon, knife, grater, pizza cutter, and spatula.

After Reading

Writing in Science

Technology has changed over time. Write to name some of the machines and tools we use that people did not have long ago. Use words from the book as you write.

Organize Information

Graphic Organizer: Put Things in Order
Have children complete the Put Things in Order chart on the BLM for this Leveled Reader to name the things that are done and the machines that are used as wood goes from the tree to the sawmill.

Related Resources

Vocabulary Cards	Equipment Kit
Every Student Learns	Activity Flipchart
Quick Study	LabZone
Big Book of Science Songs and CD	
Graphic Organizer Transparencies	
Quick Activity Transparency	
www.pearsonsuccessnet.com	

Write your answers.

1. How do people use science to solve problems?
Technology is how people use science to solve problems.
2. Name a simple machine. Tell how you use it to do a job.
Possible answer: A simple machine I use is a wheel and an axle. I use them to ride my bike.
3. What kinds of technology do you use to communicate?
Possible answer: I use a telephone and a computer to communicate.
4. Name the things that are done and the machines that are used as wood goes from the tree to the sawmill.
Use the graphic organizer to help you.

Possible answer:

Put Things in Order

First

Tree shears help cut trees.



Next

Grapplers help move the cut trees.



Last

Trucks take the cut trees to the mill.