

Science in Our World

Summary

Technology is using science to solve problems. Machines are one kind of technology. Machines help people do jobs faster and easier. Tools are a kind of technology. People use tools to make work easier and to do different jobs. Many tools are simple machines. A wedge is a simple machine that pushes things apart. A wheel and axle is a simple machine that helps move things. Other simple machines include a screw, lever, pulley, and inclined plane. Communication is a kind of technology, too.

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 some simple tools they need.

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 of a job you do. Tell the steps in order.

During Reading

Think Critically

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

1. **Where does food come from?** Food comes from lakes, animals, and farms.

2. **What machines does a farmer use to grow and harvest corn?**

A farmer uses a plow, a seed drill, a machine for harvesting, and a truck to take the corn to the store.

After Reading

Writing in Science

Tools make doing jobs easier. Write to describe some of the tools used to make and serve dinner. 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 tell what happens to a tree before it is cut in a mill.

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. What is technology?

Technology is using science to solve problems.

2. What is a simple machine that you use?

How do you use it?

Possible answer: A simple machine I use is a screw. It holds toy batteries in place.

3. Why do you think technology changes with time?

Possible answer: As people make new things, technology changes.

4. What happens to a tree before it is cut in a mill?

Use the graphic organizer to help you.

Possible answer:

Put Things in Order

First

A machine cuts down the tree.



Next

A machine picks up the tree and puts it on a truck.



Last

The truck takes the tree to the mill.