

All About Plants

Summary

Plants have four parts that help them get what they need—roots, stem, leaves, and flowers. Most plants grow from seeds. In order to have room to grow, seeds scatter. Some travel by air or water. Some travel on animals. Plants can be placed in two groups. One group grows flowers. The other group does not. Some trees have cones that grow seeds. Ferns do not have flowers or seeds. Plants grow in many different places and have adapted to these different environments.

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 share what they know about plants.

Vocabulary

adapted, environment, flower, leaves, nutrients, prairie, roots, stem

Comprehension Skill: Predict

Say: We can use what we know and what we learn to make predictions about what might happen next. Can you predict why different plants grow in different places?

During Reading

Think Critically

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

1. What are the four parts of a plant?

The four parts of a plant are the roots, the stem, the leaves, and the flowers.

2. How are plants grouped? Plants can be placed in two groups. Plants that have flowers and plants that do not have flowers.

After Reading

Writing in Science

In this book you learned about ways that plants are adapted to their environments. Write to explain two of these ways. Use examples from the book as you write.

Organize Information

Graphic Organizer: Predict Have children complete the Predict chart on the BLM for this Leveled Reader to use what they know about plants to predict what would happen if a plant was put in a very dark room without any windows.

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. A pine tree does not have flowers. Where do the seeds of a pine tree grow?
The seeds of a pine tree grow in cones.
2. How is a maple tree adapted to live in a woodland?
A maple tree has big, flat leaves that fall off and help the tree store water for the winter.
3. In which habitat might a plant grow if it was adapted to hold water for a long time?
A plant that was adapted to hold water for a long time might grow in a desert.
4. What would happen if you put a plant in a very dark room without any windows?
Use the graphic organizer to help you.
Possible answer:

Predict

I know

Plants need air and sun to grow.



I predict

A plant will not grow in a dark room with no windows.