

ORGANISMS *Characteristics of Plants*

英语科普阅读系列·生物

植物生长 2

小学中高年
级至初一年
级适用

[美] Libby Romero (莉比·罗梅罗) / 著
胡图南 / 译 姚本标 / 审译



扫一扫，得音频

漓江出版社

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ZHIWU SHENGZHANG

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ORGANISMS: Characteristics of Plants

by Libby Romero

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著作权合同登记号 桂图登字: 20-2014-111

图书在版编目(CIP)数据

植物生长. 2 / (美) 罗梅罗 (Romero, L.) 著; 胡图南译. — 桂林: 漓江出版社, 2014.9
(英语科普阅读系列. 生物)
ISBN 978-7-5407-7290-1

I. ①植… II. ①罗… ②胡… III. ①英语—阅读教学—小学—课外读物 IV. ①G624.313

中国版本图书馆 CIP 数据核字 (2014) 第 206854 号

植物生长 2 (Characteristics of Plants)

[美] Libby Romero (莉比·罗梅罗) / 著 胡图南 / 译 姚本标 / 审译

出版人: 郑纳新

责任编辑: 黄圆 王媛

责任印制: 周萍

出版发行: 漓江出版社

地址: 广西桂林市南环路22号

网址: www.lijiangbook.com

电话: 0773-2583322 0771-2506885

经销: 全国新华书店

印制: 北京大运河印刷有限公司

开本: 710 mm × 1000 mm 1/16

印张: 2.25

字数: 14千

版次: 2014年9月第1版

印次: 2014年9月第1次

书号: ISBN 978-7-5407-7290-1

定价: 10.00元

漓江版图书: 版权所有, 侵权必究

漓江版图书: 如有印装质量问题, 可随时与出版社调换



Before you read . . .

1. What do you know about plants?

2. What parts do plants have?

After you read . . .

Materials:

- paper
- pencils or pens
- crayons or markers

Instructions:

1. **Work with a partner.**
2. **Talk about how plants live.**
3. **List things plants need to live.**
4. **Fold your paper into four parts.**
5. **Draw four things plants need to live.**



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Introduction

Plants are everywhere. How do plants live?
What do plants do? Read to learn about plants.



Words to Know



air



buds



cells



leaves



photosynthesis



plants



roots



stems

▲ Plants live in forests.

See the Glossary
on page 22.

What Are Plants?

Plants are living things. Plants stay in one place. Grass is a plant. A tree is a plant.



▲ A tree is alive.



▲ Grass is alive.

Plants have many parts. Plants have **leaves**. Plants have **stems**.



▲ leaves



▲ stem

Some plants have buds. Some plants have flowers.



▲ bud



▲ flowers

Plants have roots. Roots grow below the ground.



Try This

1. Look at a plant.
2. Find the different parts.
3. Name the parts.

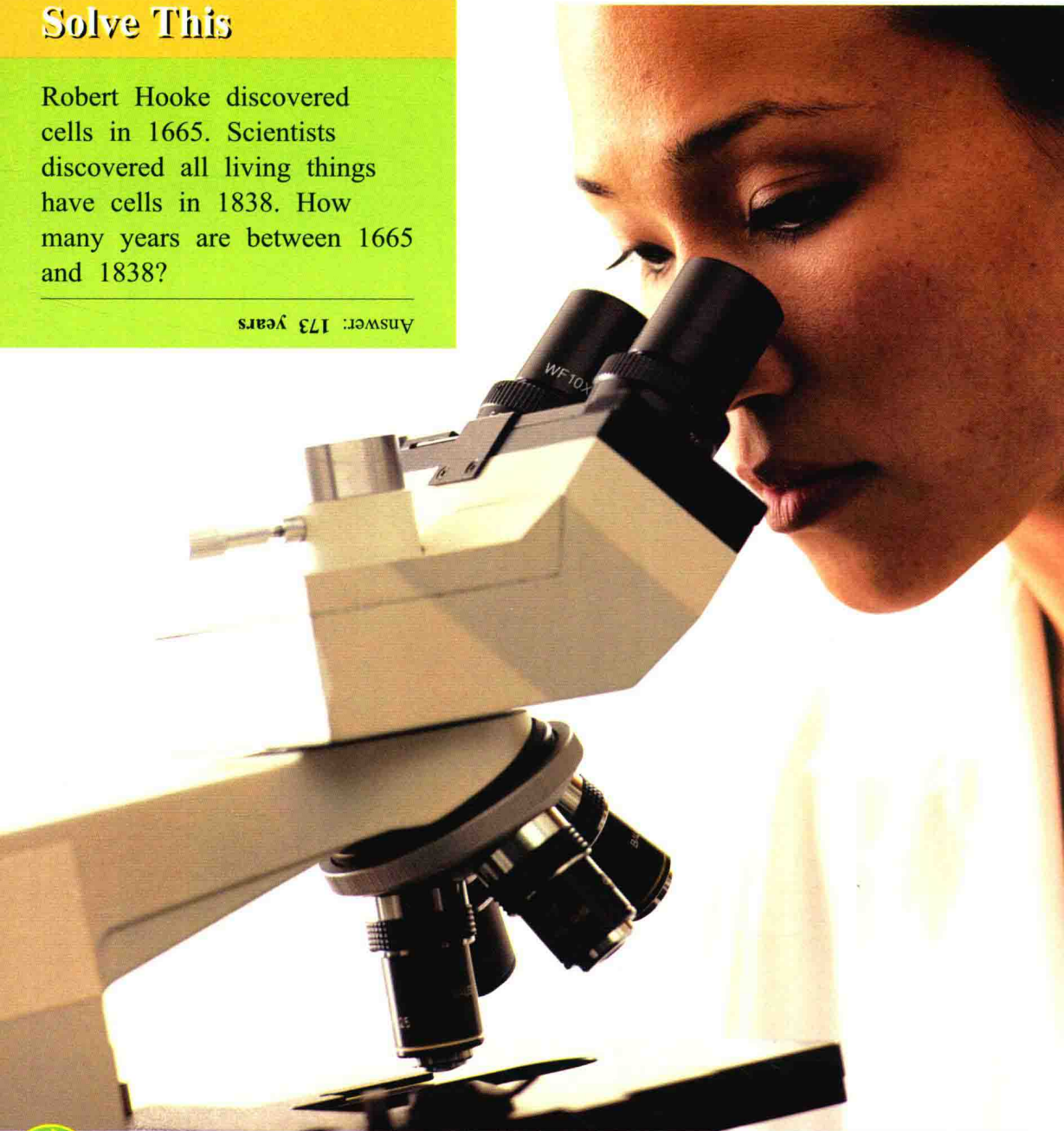
▲ Roots keep plants in the ground.

Cells are parts of plants. Cells are tiny.
All living things have cells.

Solve This

Robert Hooke discovered cells in 1665. Scientists discovered all living things have cells in 1838. How many years are between 1665 and 1838?

Answer: 173 years



▲ Scientists use tools to see cells.
Scientists use microscopes.

Plant cells have strong walls.



▲ Strong walls protect plants.

What Do Plants Need to Live?

Plants need many things to live. Plants need water to live. Roots bring water to plants.

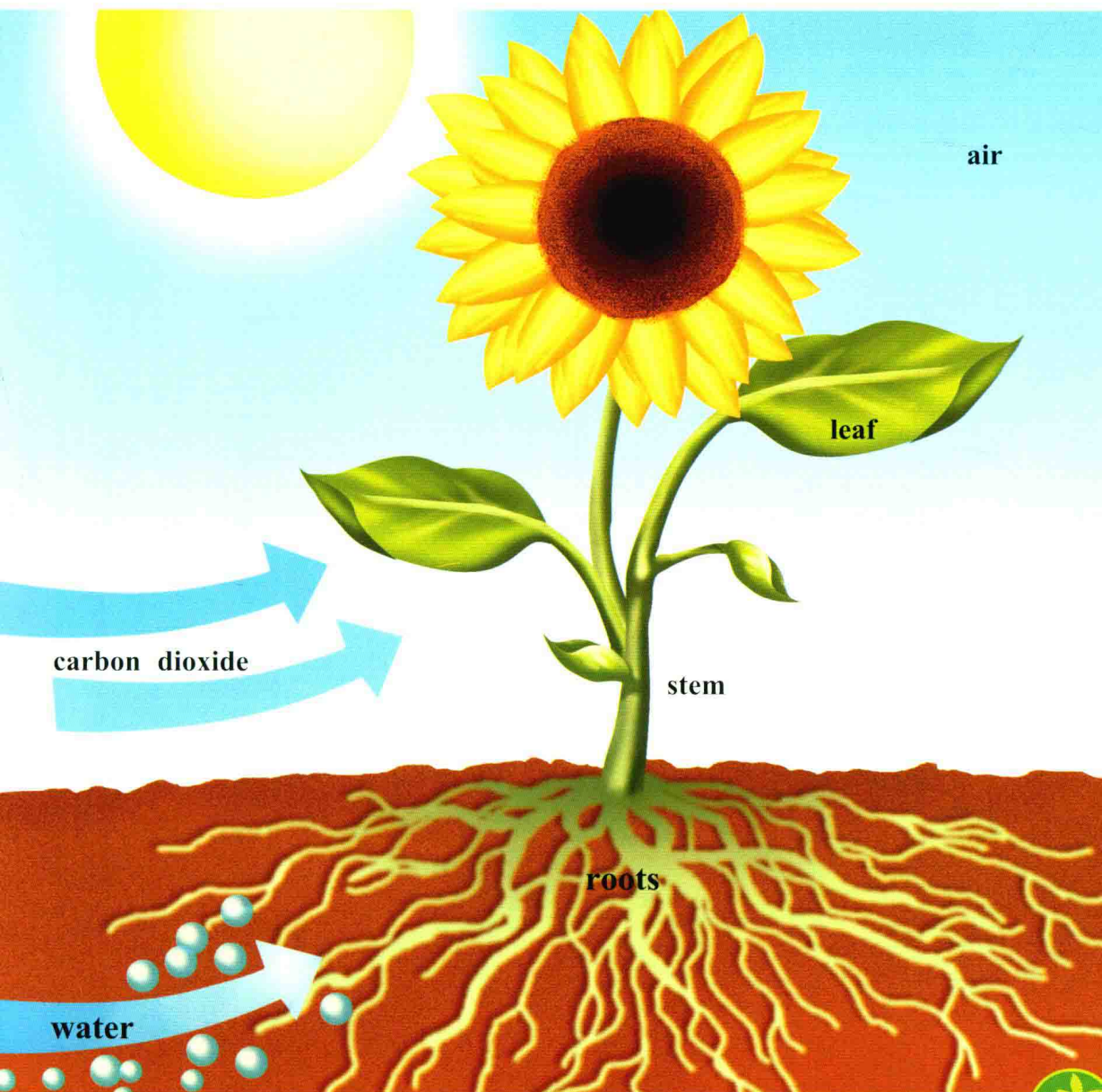


▲ Plants get water from people.



▲ Plants get water from rain.

Plants need **air** to live. Plants need carbon dioxide from air.



▲ Carbon dioxide is in the air.