



Copyright © 2017 Ruby Tuesday Books Ltd.

All rights reserved. No part of this publication may be reproduced in whole or in part, stored in any retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without written permission from the publisher.

Editor: Mark J. Sachner Designer: Emma Randall

Consultant: Judy Wearing, PhD, BEd

Production: John Lingham

## Photo credits:

Alamy: 23; Getty Images: 17 (top right); Ruth Owen: 10, 17 (bottom right); Science Photo Library: 22 (right); Shutterstock: Cover, 1, 2–3, 4–5, 6–7, 8–9, 11, 12–13, 14–15, 16, 17 (top left), 18-19, 20-21, 22 (left), 24-25, 26-27, 28-29, 30-31.

Library of Congress Control Number: 2016918446

ISBN 978-1-911341-44-4

Printed and published in the United States of America

For further information including rights and permissions requests, please contact our Customer Service Department at 877-337-8577.



## Contents

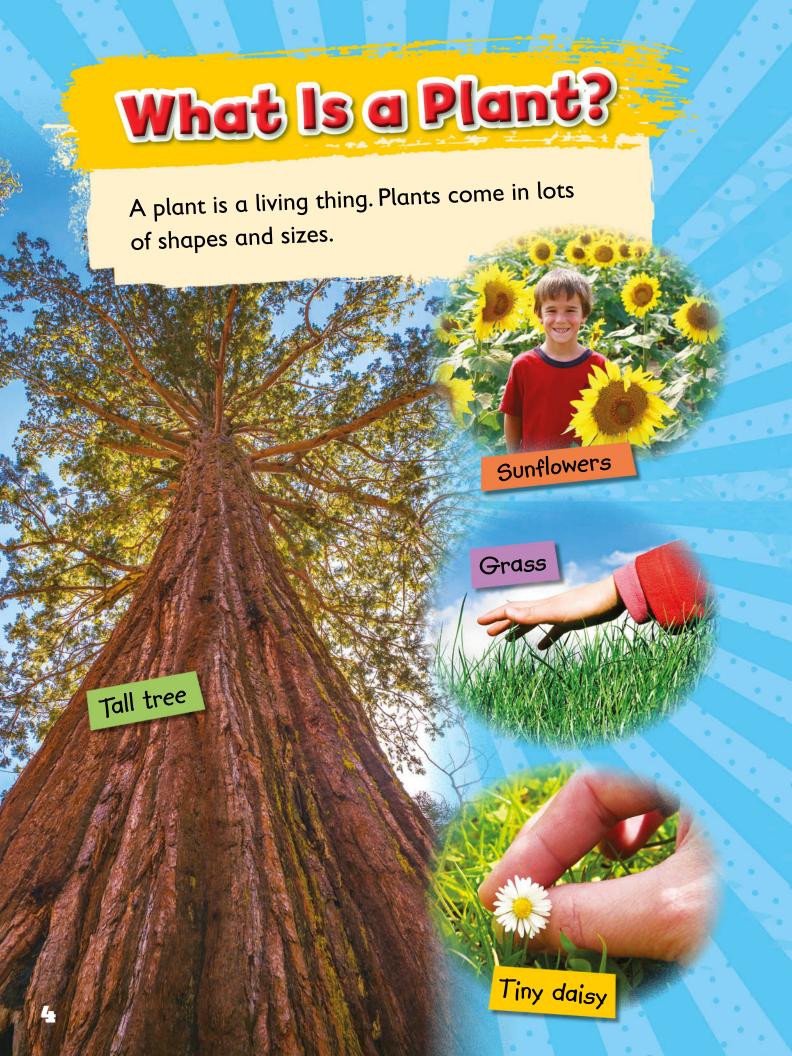
What Is a Plant?	4
What Does a Plant Need?	6
What Do Roots Do?	8
Holding on Tight	10
Holding on right	12
Growing from Bulbs	14
All About Stems	14
Tiny Tubes, Super Stems	40
Lots of Leaves	18
Leafy Food Factories	20
We All Need Leaves	22
Autumn Leaves	24
Evergreen Trees	26
All About Flowers	28
Flowers for Seeds	30
Flowers for Seeds	32
Glossary, Index	J Z

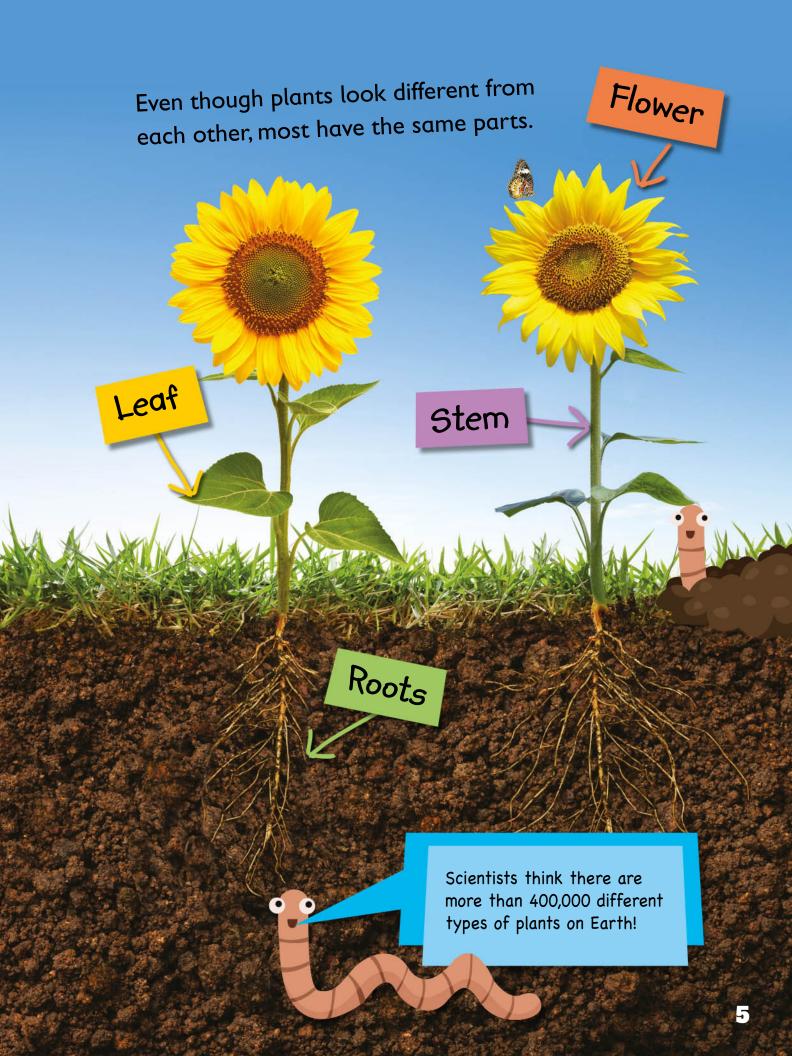


Words shown in **bold** in the text are explained in the glossary.

The download button shows there are free worksheets or other resources available. Go to:

www.rubytuesdaybooks.com/getstarted





## What Does a Plant Need?

A plant needs a place to grow.

Most plants grow in soil.

Most plants need substances called **nutrients** to help them grow and stay healthy. Plants get nutrients from soil.







The parts of a plant all have jobs to do to help a plant live, grow, and make new plants.

