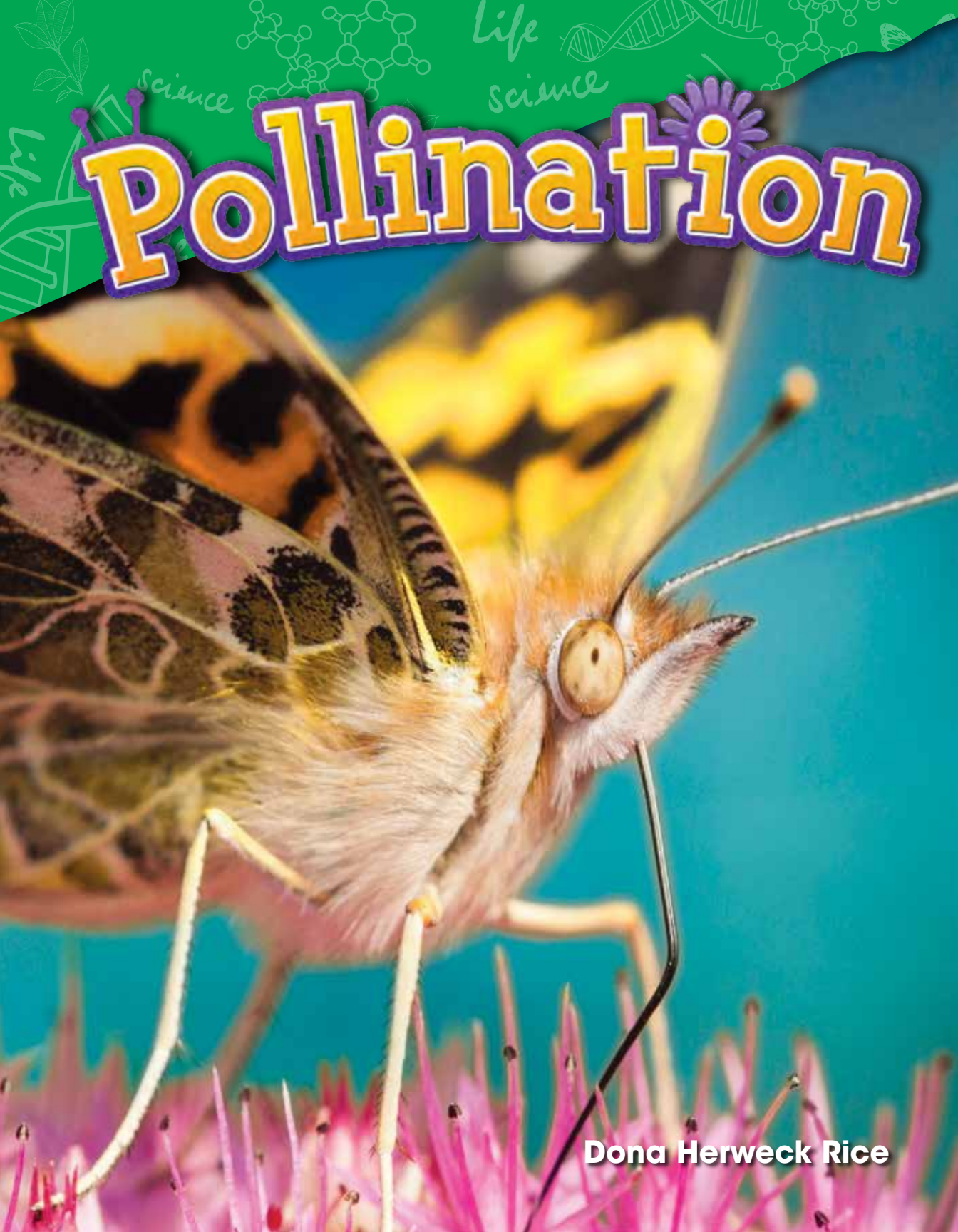
Pollination



Dona Herweck Rice

For teachers' inspection ONLY

Table of Contents

Teamwork 4

Pollination 8

Pollinators 22

Nature's Puzzle 26

Let's Do Science! 28

Glossary. 30

Index 31

Your Turn! 32



For teachers' inspection ONLY

Teamwork

Muscle and bone. Fish and water. Milk and cookies. Some of the best things in life **depend** on each other.



For teachers' inspection ONLY

Well, milk and cookies may not depend on each other. But most plants and a lot of insects do! They need each other to **survive**.



For teachers' inspection ONLY



Insects seek pollen in flowers. Some, like the Venus flytrap, trick the bugs and eat them!

For teachers' inspection ONLY

New plants don't just decide to grow one day. They need help to get things started. That is where insects come in. Wind and water help, too. They make it possible for most plants to grow new plants.



A Big Job!

More than 90 percent of all plants need a **pollinator**.



For teachers' inspection ONLY

Pollination

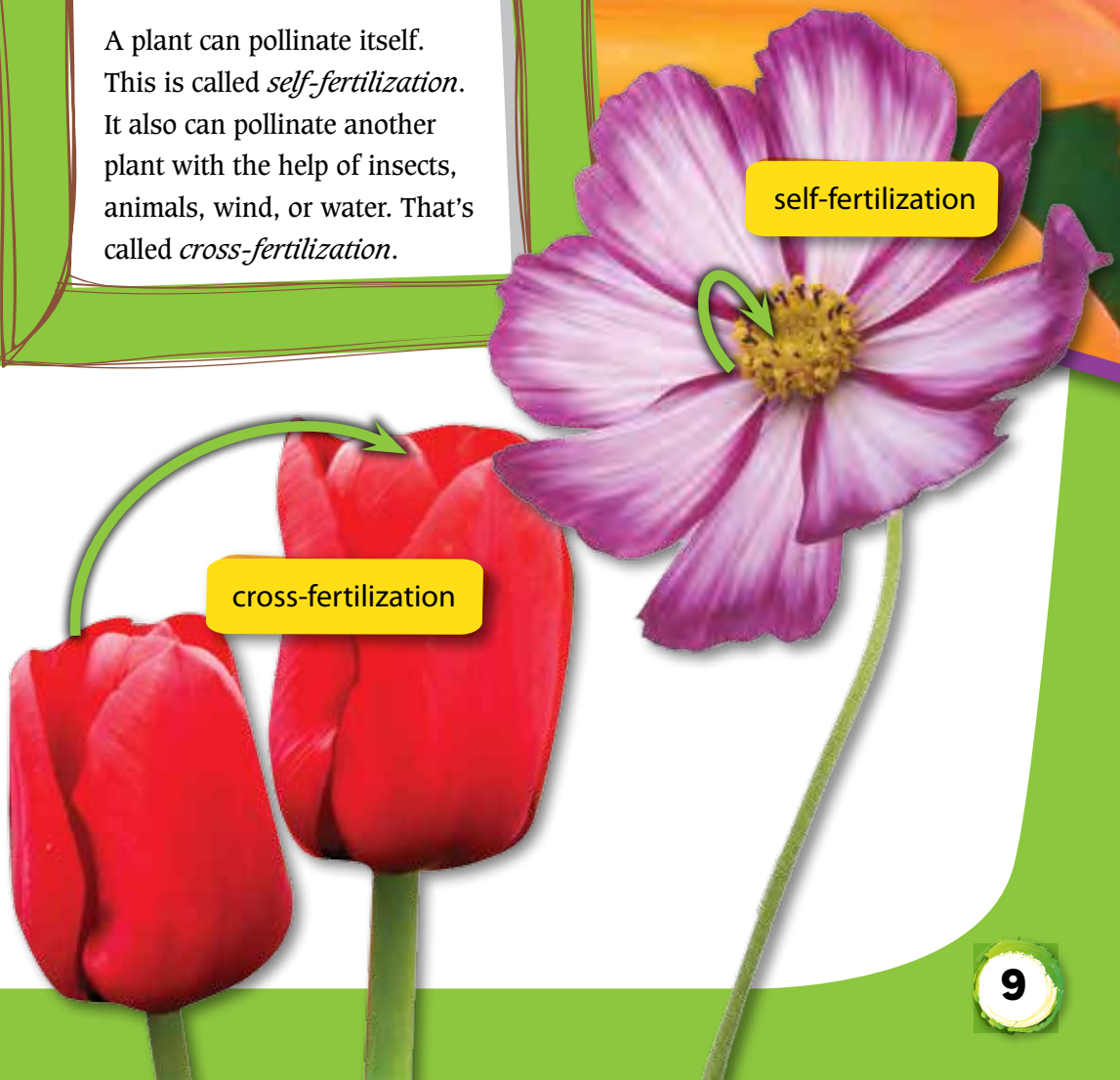
Insects, wind, and water help plants. They do this through pollination. That is how they carry **pollen** from plant to plant. This starts the process that allows new plants to grow.

For teachers' inspection ONLY

Each beehive has a queen bee. She is the mother of all the other bees.

Self or Cross?

A plant can pollinate itself. This is called *self-fertilization*. It also can pollinate another plant with the help of insects, animals, wind, or water. That's called *cross-fertilization*.



For teachers' inspection ONLY

Let's Do Science!

What is inside a flower? See for yourself!

What to Get

- ❍ butter knife
- ❍ flower with stamens and pistil

