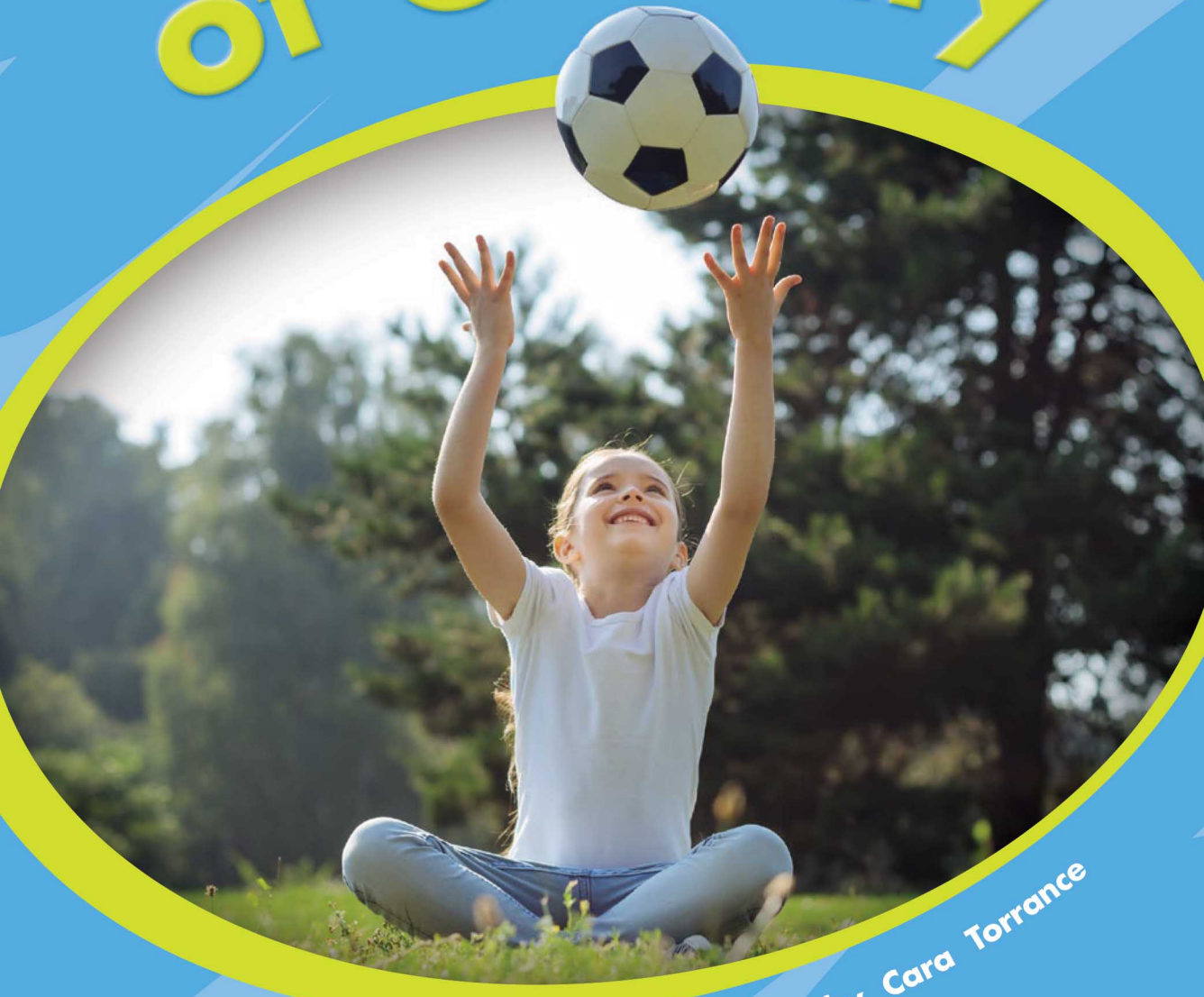
TALK ABOUT TEXTS

The Force of Gravity



Written by Cara Torrance

The Force of Gravity



For Review Only

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macmillan education

Contents

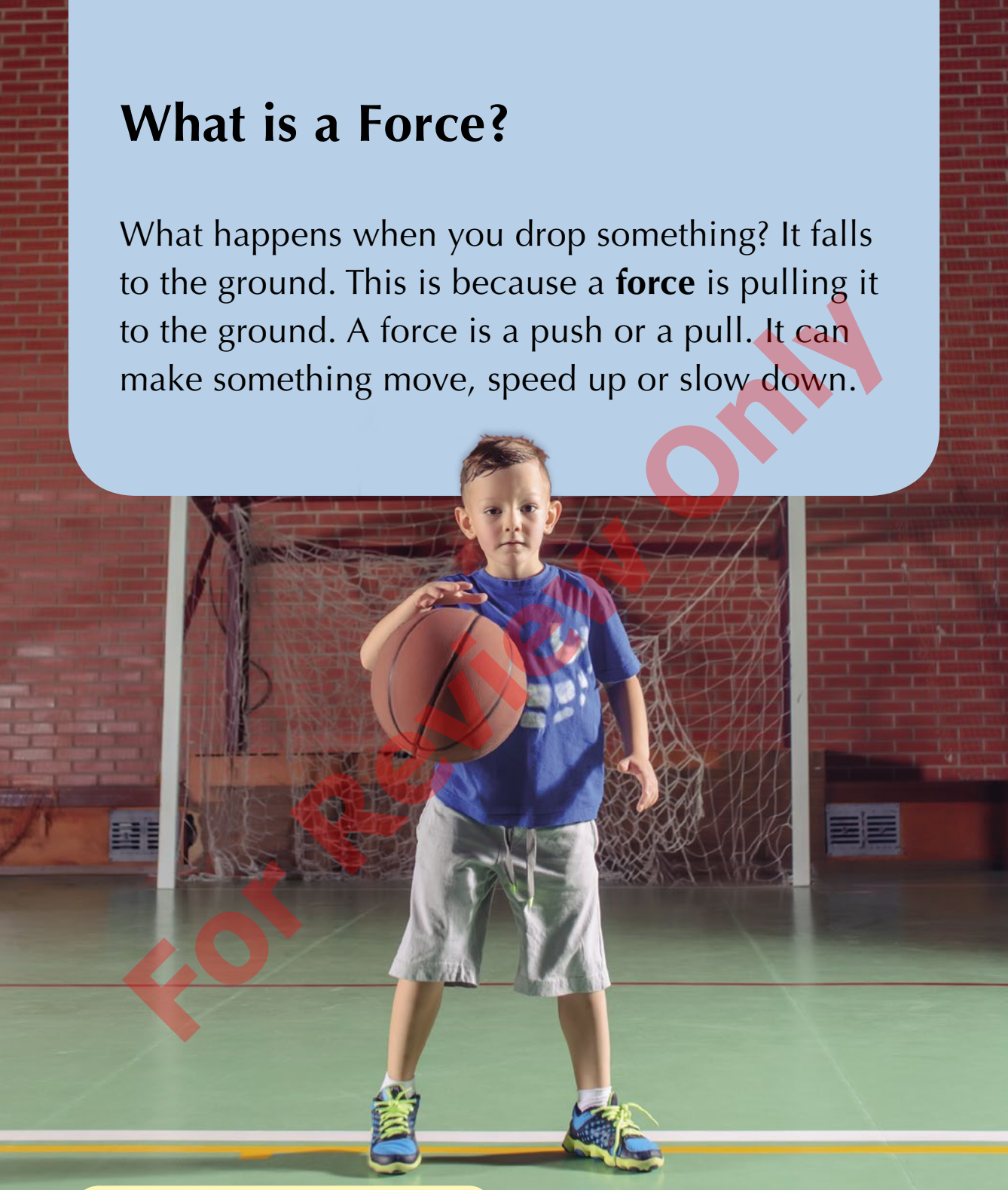
What is a Force? 3
The Force of Gravity 4
Heavy and Light 8
Overcoming Gravity 12
What if There Were no Gravity? 16
Weak Gravity on the Moon 18
Strong Gravity on Earth 20
Glossary 22
Index 23

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What is a Force?

What happens when you drop something? It falls to the ground. This is because a **force** is pulling it to the ground. A force is a push or a pull. It can make something move, speed up or slow down.



When you drop a ball, gravity pulls it to the ground.

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The Force of Gravity

Gravity is a pull force between two objects. Everything and everyone on Earth has gravity. Big objects have a stronger force of gravity than small objects.



If you drop a pile of leaves, gravity pulls them to Earth.

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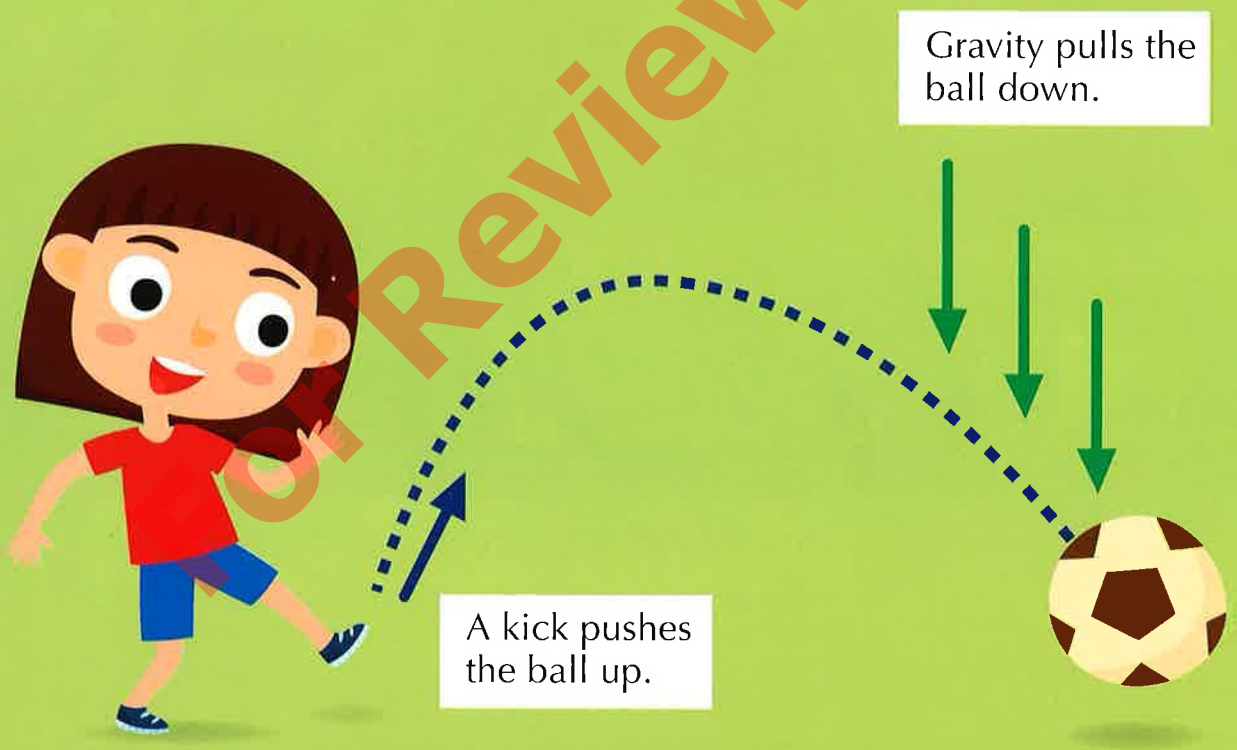


Gravity pulls everything to Earth, even you!

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Earth is so big that it has a very strong force of gravity. This strong force pulls everything and everyone towards Earth.

When you kick a ball up, it comes back down. The push force of your kick sends the ball up but gravity soon takes over. It pulls the ball back towards Earth. You can kick the ball as hard and as high as you like but gravity will always pull it back down.



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Heavy and Light

What happens if you drop a full bottle of water and an empty bottle to the ground? They reach the ground at the same time!

Try dropping a heavy drink bottle and a light drink bottle at the same time. What do you see?



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