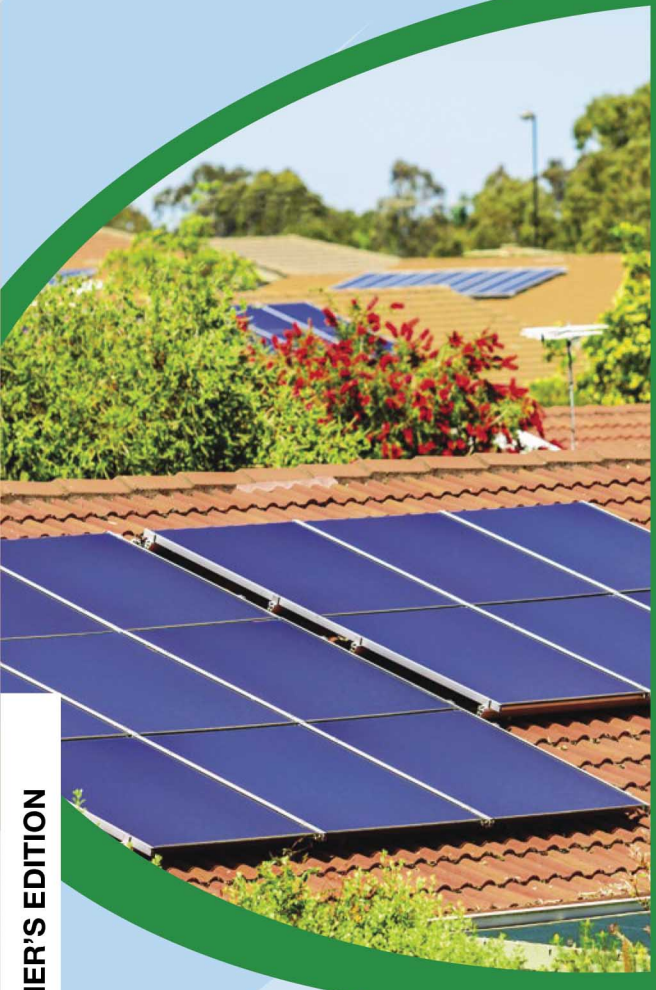
TALK ABOUT TEXTS

Powered by Nature

Sun versus Wind





Written by Phillip Simpson

TEACHER'S EDITION

Powered by Nature
Sun versus Wind



For Review Only

Written by Phillip Simpson

Teacher's Edition written by Liz Miles

macmillan education

Say

'Let's read the contents page together.'

Read

Read the contents page together with the students.

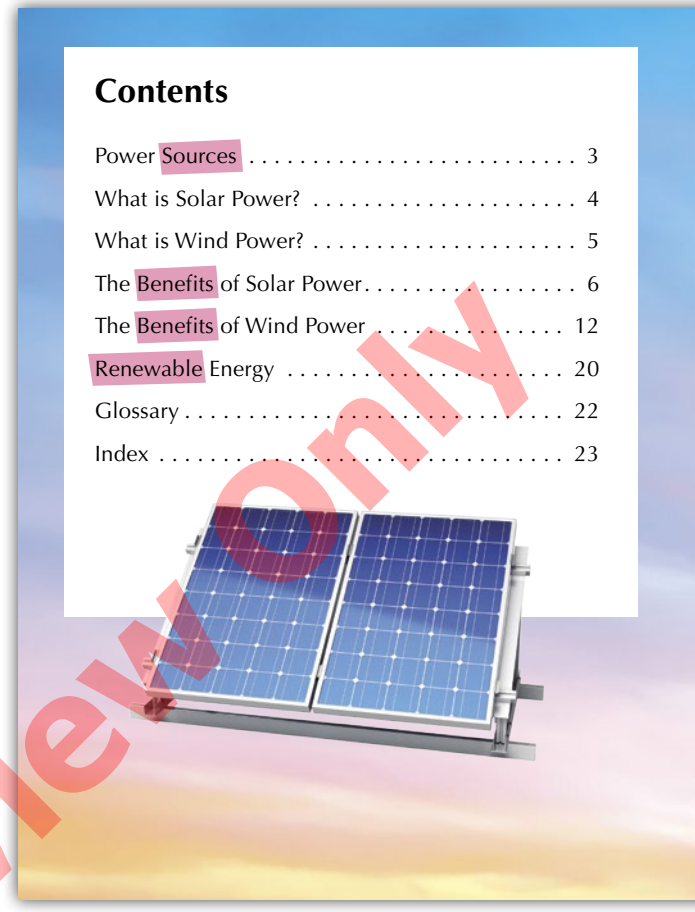
Check Understanding

- What two types of power are mentioned in the contents?
- On which page can you start reading about renewable energy?
- What will you read about on page 12?
- What is a 'source'?
- What is another word for a 'benefit'?

Talk

What important information will the author tell us in this book?

The important information the **author** will tell us is _____.

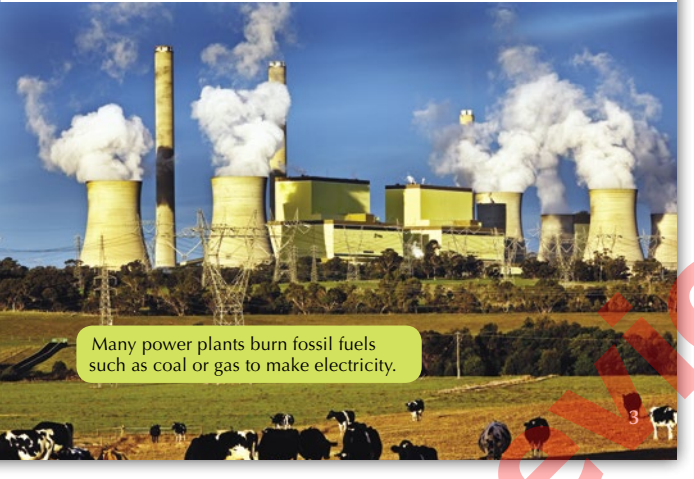


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Power Sources

Do you know where the **electricity** that powers your home comes from? It probably comes from a power plant. Power plants use **fossil fuels** to make electricity. In time, fossil fuels will run out.

Imagine if you could choose new sources of power for your area. You could choose power that is **renewable**. Solar power or wind power could be the answer.



Many power plants burn fossil fuels such as coal or gas to make electricity.

Say

'Let's read page 3 together and then read it again to yourself.'

Read

Read page 3 together with the students and then allow time for them to read it again to themselves.

Check Understanding

- Where does electricity in your home come from?
- Which new sources of power are mentioned?
- What does 'renewable' mean?

Talk

What do you think is the author's main point about fossil fuels?

I **think** the **author's main point** about fossil fuels is _____.

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Say

'I will read pages 4 and 5 to you.'

Read

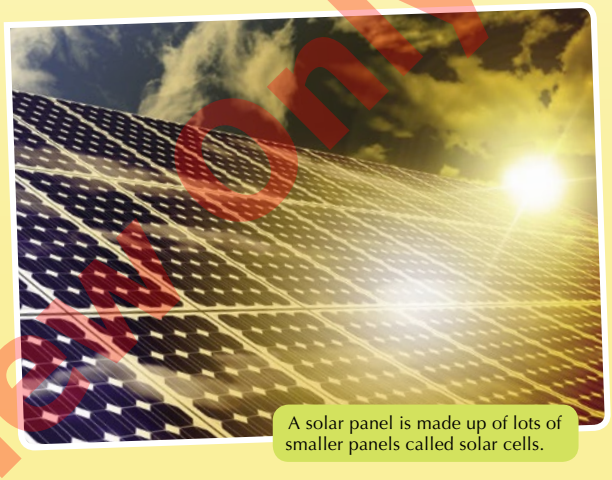
Read pages 4–5 to the students.

Check Understanding

- What type of energy is solar power?
- What turns the sun's energy into electricity?
- What do wind turbines do?

What is Solar Power?

Solar power is a type of renewable energy. Renewable energy is a source of power made from a natural resource that does not run out. Solar power comes from the sun. **Solar panels** turn energy from sunlight into electricity. This electricity provides energy for homes and businesses in an area.



A solar panel is made up of lots of smaller panels called solar cells.

4

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What is Wind Power?

Wind power is also a renewable source of energy. **Wind turbines** turn energy from the wind's air flow into electricity. Wind turns the blades of the turbine. The spinning blades then drive a generator that produces electricity. Wind power can supply an area with electricity, just like solar power.



Wind moves the blades of wind turbines, creating electricity.

5

Talk

Can you summarise the main ways in which solar and wind power are different?

The **main** ways in which solar and wind power are different are _____.

What is the main reason why you might choose wind power?

The **main reason** to choose wind power is _____.

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