

Electricity from COAL

Suggested Teaching and Learning

Text Type: Non-Fiction

Genre: Description

Suggested Reading Recovery Level: 5

Word Count: 87

ACARA reference

Learning Areas: English; Humanities and Social Sciences

General Capabilities: Literacy; Ethical Understanding

Cross Curriculum Priorities: Sustainability

Teaching and Discussion Points

Before reading - activate prior knowledge and set the purpose for reading.

- Read the title. Identify the coal on the cover and tell students that we can burn coal to make electricity.
- Revisit the texts *Electricity from the earth* and *Electricity from wood* which also discuss how steam is used to move a wheel.
- Locate novel vocabulary such as *steam* and the novel language structure *round and round*. Have students rehearse these.

During reading - support students to read the text independently.

- Prompt for strategic activity as students read and problem solve. Reinforce and support behaviours such as stopping, repeating, re-reading, searching the picture or sounding out.

After reading - comprehension conversation and word work.

- Draw students attention to the process of burning the coal to make electricity. Discuss the similarities with other books they may have read such as *Electricity from wood* and *Electricity from the earth*.
- Deepen meaning through shared writing. Jointly compose and construct two or three sentences about how we can use coal to make electricity.

Vocabulary: burn, coal, electricity, fire, hot, round, steam, sun, water, wheel, wind,

High Frequency Words: and, at, can, go, look, make, the, too, we, will, with

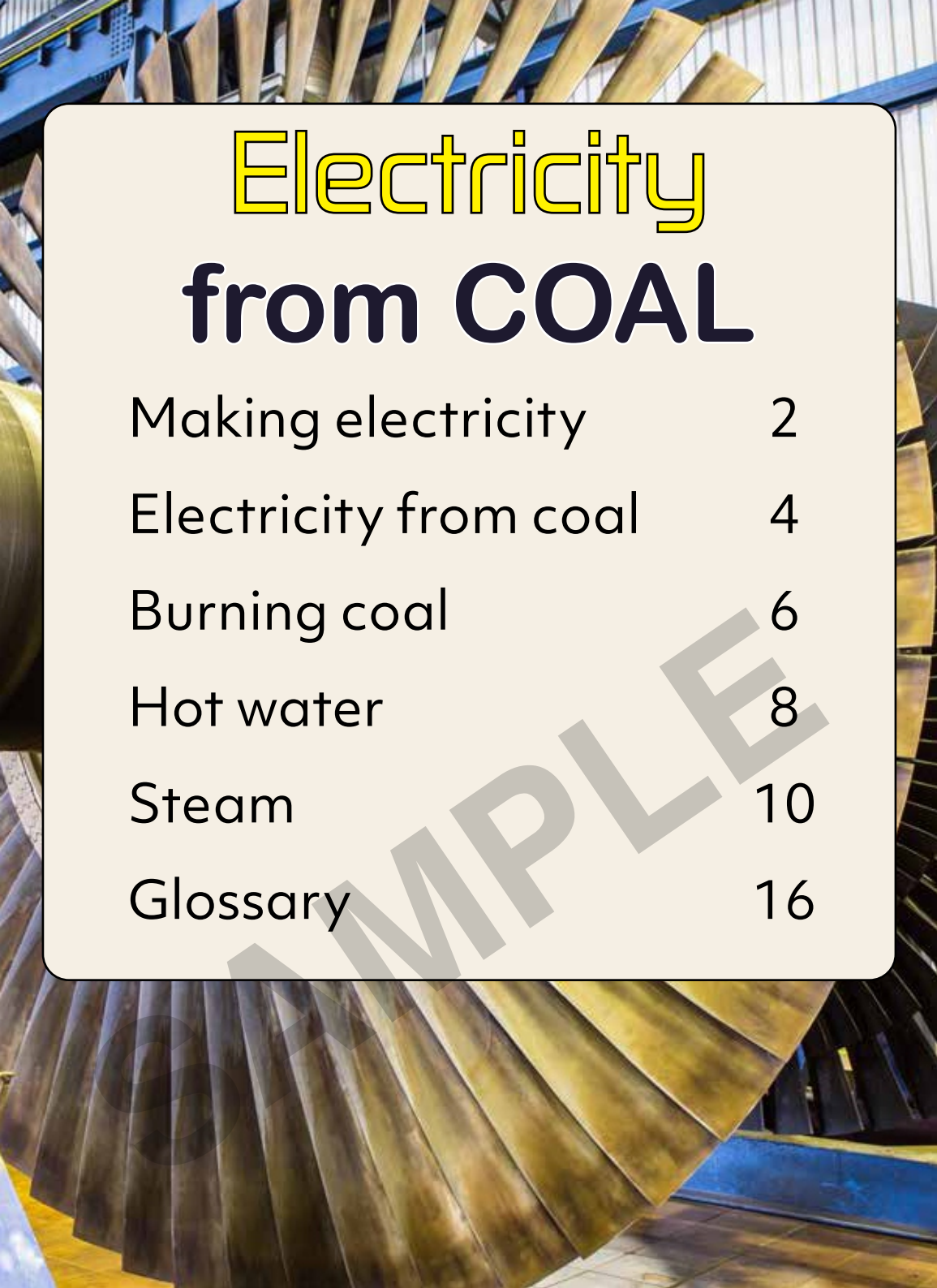
Word Study

- Locate the words *make* and *made*. Write each word out and notice the end is different. Use other word pairs such as *them* and *then*, *can* and *car* and *with* and *will* to support students to look all the way through words.
- Make a word string with the word *look*, such as *cook*, *book* and *took*. Hear the rhyme and notice the pattern.

Links to National Literacy Progressions - Reading and Viewing

Phonological Awareness	Phonic Knowledge and Word Recognition	Fluency	Understanding Texts
PhA5	PKW4, PKW5	FIY2, FIY3	UnT4, UnT5

Carbon in the form of coal and other fossil fuels is burnt to give off the molecule carbon dioxide. Throughout this series we have referred to carbon dioxide as gas due to the complexity of both the science specific language and content.



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Making electricity

We can make electricity.

We can make electricity
with the sun and the wind.



SAMPLE



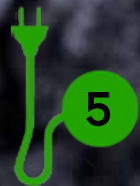
Electricity from coal

Look at the **coal**.

We can make electricity
with the coal too.



SAMPLE



Burning coal

Look at the coal.

We can burn the coal.



SAMPLE



Hot water

Look at the fire.

The fire will burn.

The fire will burn
and make the water hot.



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Electricity from COAL

Electricity from coal is a simple informational text that describes how coal is burned to make electricity.

The Authors

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Carole has over 30 years teaching experience. The last 15 years have been spent specialising in early literacy acquisition, training teachers and designing and delivering early reading and writing interventions. Carole has a Master of Education and a Master of Teaching English to Speakers of Other Languages.

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Electricity is very dangerous

Please read book 26

"TAKE CARE with ELECTRICITY"

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