

Electricity from the EARTH

SAMPLE

Suggested Teaching and Learning

Text Type: Non-Fiction

Genre: Description

Suggested Reading Recovery Level: 4

Word Count: 81

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 and identify the cover illustration as a hot spring (geyser) that comes from the ground. Tell students that it is this hot water that creates steam which can be used to make electricity.
- Revisit some of the alternative energy sources that students have read about. Return to previous texts or the joint writing done earlier.
- Locate novel vocabulary such as *woosh*, *steam* and *wheel* and novel language structures such as *up and up and up* and *round and round*. Have students rehearse these.
- Locate the question in the text and rehearse.

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.

- Discuss how water makes steam. Clarify that it is the steam that moves the wheel, that in turn makes electricity.
- Discuss the similarities that exist between the ways electricity is made. Use the text *Electricity from water* as an example.

Vocabulary: electricity, round, steam, water, wind

High Frequency Words: at, can, go, look, made, make, on, the, this, we, with

Word Study

- Make a word string with the word *round*, such as *found*, *sound* and *wound*. Hear the rhyme and notice the pattern.
- Locate the words *made* and *make*. Prompt students to look all the way through the word and notice the end is different. Use other high frequency words that are different at the end such as *can* and *car* and *them* and *then*, to teach students to search all the way through the word.

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.



Using Steam to Make Electricity

We can make electricity.



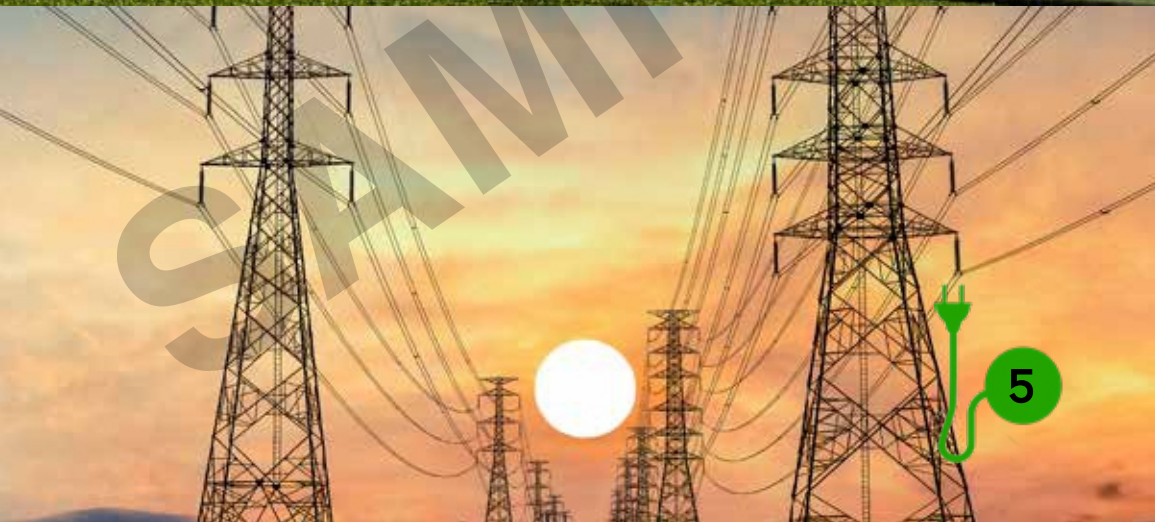


We can make electricity
with water.

We can make electricity
with wind.

We can make electricity
with the sun.





Look at this.

We can make electricity
with this too.



SAMPLE



Woosh!

The water goes up.

The water goes up
and up and up.



SAMPLE

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Electricity from the EARTH

Electricity from the earth is a simple informational text that introduces students to geothermal energy as a source of electricity. With supportive images and repetitive phrases, the text attempts to explain how the heat from geothermal hot springs is harnessed to generate electricity.

The Authors

Carole and Suzanne are sisters and educators.

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.

Suzanne has 15 years teaching experience 13 of which have been spent teaching ESL students. She has a Master of Education (IT in Education) and a Bachelor of Vocational Education and Training.



Electricity is very dangerous

Please read book 26

"TAKE CARE with ELECTRICITY"

ISBN:9781922370389

