

# Electricity from the SUN





**Using the Sun  
to Make Electricity**

## Suggested Teaching and Learning

**Text Type:** Non-Fiction

**Genre:** Description

**Suggested Reading Recovery Level:** 4

**Word Count:** 57

### 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 point out the solar panel on the cover. Locate the solar panels in the text. Students may have seen these on houses. Tell students that the sun shines on the solar panels and this will make the electricity.
- Talk with students about the ways sunlight is an energy source such as how it dries clothes, is necessary for plant growth and can be used to heat water.
- Rehearse the language structures *on and on and on*.

**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 with students the solar panels and ensure they understand that the sun shines on these to help make electricity.
- Extend meaning through shared writing. Jointly compose and construct two or three sentences about how we use the sun to make electricity.

**Vocabulary:** electricity, face, iPad, keyboard, shine, shirt

**High Frequency Words:** and, at, go, is, look, make, my, on, sun, the, this, will

### Word Study

- Locate the words *here* and *go*. Have students make each word with magnetic letters. Write each word out on card and add them to the class word wall.
- Make a word string with the word *my*, such as *by, fly and cry*. 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.

The sun is hot.

2



SAMPLE



The sun is on my face.



SAMPLE



The sun is on my shirt.

6



SAMPLE





SAMPLE



Look at this.

The sun is on this too.

8



SAMPLE

## Knowledge Books and Software

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First Published 2020

ISBN 9781922370358

Text and editing: Carole Crimeen

Design and layout: Suzanne Fletcher

Publisher: Robert Watts



Series Information: **Sustainability**

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# Electricity from the SUN

**Electricity from the sun** is a simple informational text that introduces students to solar energy. Beginning with familiar concepts such as the sun as a source of warmth, the text attempts to explain how heat from the sun is harnessed to make electricity. *The final sentence conveys that solar energy is a sustainable energy source.*

## 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:9781922370358



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**KNOWLEDGE**  
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