



# ASSIST

AUSTRALIAN SCHOOL SCIENCE  
INFORMATION SUPPORT FOR  
TEACHERS AND TECHNICIANS

Published on ASSIST (<https://assist.asta.edu.au>)

[Home](#) > [How solar panels work](#)

---

## How solar panels work

Posted by [sat](#) on Mon, 2014-04-21 18:20

This online resource describes how photovoltaic cells work.

A video describes how the photovoltaic effect works in the doped semiconductors used to generate electricity in solar panels.

This resource would be good for advanced students or for teacher background information.

Australian Curriculum v9 Codes: AC9S9U06 (Year 9)

### **Tags:**

[solar panel](#)

[electrons](#)

[energy](#)

[electricity](#)

[renewable energy](#)

[photovoltaic effect](#)

### **External Link:**

[How solar panels work](#)

### **Source Category:**

[Commercial](#)

[How solar panels work](#)



[https://www.assist.asta.edu.au/httpdocs/sites/assist.asta.edu.au/files/styles/desktop\\_resource\\_details\\_view/public/hazy\\_sun\\_1.png?itok=wgpE7M](https://www.assist.asta.edu.au/httpdocs/sites/assist.asta.edu.au/files/styles/desktop_resource_details_view/public/hazy_sun_1.png?itok=wgpE7M)



No votes yet

**Publication Date:**

January, 2008

Solar cells

---

**Source URL:** <https://assist.asta.edu.au/resource/603/how-solar-panels-work?page=8>