



# ASSIST

AUSTRALIAN SCHOOL SCIENCE  
INFORMATION SUPPORT FOR  
TEACHERS AND TECHNICIANS

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

[Home](#) > [Short circuits](#)

---

## Short circuits

Posted by [sat](#) on Tue, 2014-06-17 16:48

This downloadable resource safely explores electrical short circuits.

The resource details a student practical activity that enables students to cause, and investigate the effects of, a short circuit in a low-power situation.

The students assemble a simple circuit consisting of a power supply and a light globe. They then temporarily short out the light globe and observe what happens.

The activity includes questions for students to answer.

Australian Curriculum v9 Codes: AC9S6U03 (Year 6), AC9S9U04 (Year 9)

### **Tags:**

[electric circuits](#)

[electricity](#)

[short circuit](#)

[electrical safety](#)

[Occupational Health & Safety](#)

[OH&S](#)

### **File:**



[Short circuits](#)

### **Source Category:**

[ASSIST](#)

[Short circuits](#) type unknown



No votes yet

**Publication Date:**

June, 2014

Short circuits

---

**Source URL:** <https://assist.asta.edu.au/resource/2208/short-circuits?page=1>