



ASSIST

AUSTRALIAN SCHOOL SCIENCE
INFORMATION SUPPORT FOR
TEACHERS AND TECHNICIANS

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

[Home](#) > [Ohm's Law](#)

Ohm's Law

Posted by [sat](#) on Fri, 2015-01-23 14:18

This downloadable resource investigates Ohm's Law.

The resources details a practical activity where students measure the voltage across, and current through, a 56 ohm (or similar) resistor.

A graph of Voltage vs Current gives a straight line and the gradient is the value of the resistance.

Sample answers are also provided.

Australian Curriculum v9 Codes: AC9S9U04 (Year 9)

Tags:

[electricity](#)

[electric circuits](#)

[Ohm's law](#)

[resistance](#)


[current](#)


[voltage](#)

[graphing](#)

File:

 [Ohm's Law investigation](#)

 [Ohm's law sample answers](#)

 [Ohm's law 56 ohm graph](#)

Source Category:

ASSIST

[Ohm's Law](#) or type unknown



No votes yet

Publication Date:

January, 2015

Electrical conductivity

Source URL: <https://assist.asta.edu.au/resource/2626/ohms-law>