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Variable resistance

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A downloadable resource to help teach about variable resistors.

The resource is a student practical activity where students examine the properties of variable resistors by making one of their own.

In the activity, students create a variable resistor using a shaded-in 'box' drawn with a 'lead' pencil (graphite really) and use it in series with a Light Emitting Diode (LED) to control the amount of light emitted by the LED.

The document contains student instructions and questions to answer.

Teacher notes are provided on page 2 of the document.

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

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Resistors

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