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## Will it Conduct?

Posted by [sat](#) on Sat, 2015-03-28 10:39

This online resource looks at electrical conductivity.

The resource provides a lesson plan for a hands-on activity where students build a conductivity tester to explore the difference between electrical conductors and insulators.

Details on how to build the conductivity tester from a battery, light bulb and wires are provided. The resource also lists a number of solid and liquid substances that can be tested to determine if they are conductors or insulators.

Worksheets are available on the site for students to record their results and answer questions and plenty of background information is provided for teachers to make this a very thorough lesson.

Answers to questions posed to students are given throughout the lesson plan in brackets. Ideas for assessment and extension are also included.

Australian Curriculum v9 Codes: AC9S6U03 (Year 6)

### **Tags:**

[conductor](#)

[insulator](#)

[electricity](#)

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[electrons](#)

### **External Link:**

[Hands-on activity: Will it conduct?](#)

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Electrical conductivity

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