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## Does Salt Water Conduct?

Posted by [sat](#) on Tue, 2015-02-17 13:08

This online resource investigates the conductivity of salt water.

The resource gives details for a practical activity where students build a saltwater circuit; an electrical circuit that uses salt water as a conductor in the circuit.

Students can investigate the conductivity of salt water, and develop an understanding of how the amount of salt in a solution impacts on how much electrical current flows through the circuit.

They can also learn about one real-world application of a saltwater circuit—a desalination plant.

Australian Curriculum v9 Codes: AC9S6U03 (Year 6)

### **Tags:**

[electric circuits](#)

[conductivity](#)

[conductors and insulators](#)

[Desalination](#)

[saltwater](#)

### **External Link:**

[Hands-on activity: Salt water circuit](#)

### **Source Category:**

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Electrical conductivity

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