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## **Light, Sound, Action - Science by Doing**

Posted by [sat](#) on Sat, 2014-12-20 15:14

This online resource investigates the wave and particle models of energy transfer.

The resource is an inquiry-based learning sequence that covers energy transfer through different mediums using the wave and particle models. It includes hands-on activities, digital interactives, animations and videos.

The resource also examines what is a model, electromagnetic transmission, electricity and how sound is transmitted through a medium.

Students experience fieldwork and learn how to develop a scientific argument.

A teacher guide, activity sheets, formative and summative assessment opportunities are also available.

Australian Curriculum v9 Codes: AC9S9U04 (Year 9)

### **Tags:**

[light](#)

[sound](#)

[wave](#)

[particle model](#)

[electricity](#)

[electromagnetic waves](#)

[wave model](#)

### **External Link:**

[Light, Sound, Action - Science by Doing \(via Scootle\)](#)

[Science by Doing website](#)

### **Source Category:**

[Government](#)

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Energy conversion

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