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## **Density of Lithosphere and Mantle Rocks Experiment**

Posted by [sat](#) on Fri, 2019-07-19 15:25

This downloadable resource involves an activity that investigates the densities of rocks.

The resources include a worksheet detailing an experiment to measure the densities of rock samples from the lithosphere and mantle to verify that 'slab pull' is the dominant force driving the movement of tectonic plates (a separate copy with example answers is also provided) along with teacher notes in the form of an original published article.

Australian Curriculum v9 Codes: AC9S8U03 (Year 8), AC9S8U04 (Year 8)

### **Tags:**

[plate tectonic theory](#)

[slab pull](#)

[rock density](#)

### **File:**



[Worksheet](#)



[Worksheet with answers](#)



[Original article - Teacher Notes](#)

### **Source Category:**

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Tectonic plates

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