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[Home](#) > The Great Gravity Escape

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## The Great Gravity Escape

Posted by [sat](#) on Sat, 2015-03-28 11:28

This online resource investigates the concept of escape velocity.

The resource provides a lesson plan for investigating the effect of gravity between two objects as well as exploring the concept of escape velocity.

Students will be able to see that when the velocity of a spacecraft becomes too great for gravity to hold it in orbit, it will escape orbit and travel away from the planet.

The site includes worksheets that allow students to record their results and answer questions.

Plenty of background information is also provided for teachers so as 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: AC9S7U04 (Year 7)

### **Tags:**

[gravity](#)

[orbit](#)

[balanced forces](#)

[unbalanced forces](#)

### **External Link:**

[Hands-on activity: The great gravity escape](#)

### **Source Category:**

[Educational](#)

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Escape velocity

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