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[Home](#) > [Build a roller coaster](#)

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## Build a roller coaster

Posted by [sat](#) on Sun, 2014-03-16 14:00

This online resource explores potential and kinetic energy.

The resource is a student practical activity that focuses on demonstrating the transference of energy through the building a model roller coaster.

It includes instructions on how to create a roller coaster using a marble and foam tubing cut in half.

The resource also includes definitions of key terms as well as where to go to learn more about roller coasters.

Australian Curriculum v9 Codes: AC9S8U05 (Year 8), AC9S9U05 (Year 9), AC9S10U05 (Year 10)

### **Tags:**

[motion](#)

[gravitational potential energy](#)

[kinetic energy](#)

[energy transfer](#)

### **External Link:**

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### **Source Category:**

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[Build a roller coaster](#)



[https://www.assist.asta.edu.au/httpdocs/sites/assist.asta.edu.au/files/styles/desktop\\_resource\\_details\\_view/public/Build%20a%20roller%20coaster](https://www.assist.asta.edu.au/httpdocs/sites/assist.asta.edu.au/files/styles/desktop_resource_details_view/public/Build%20a%20roller%20coaster)



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## Conservation of energy

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