



ASSIST

AUSTRALIAN SCHOOL SCIENCE
INFORMATION SUPPORT FOR
TEACHERS AND TECHNICIANS

Published on ASSIST (<https://assist.asta.edu.au>)

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

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:

[Build a roller coaster](#)

Source Category:

[Commercial](#)

[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



No votes yet

Conservation of energy

Source URL: <https://assist.asta.edu.au/resource/487/build-roller-coaster>