



# ASSIST

AUSTRALIAN SCHOOL SCIENCE  
INFORMATION SUPPORT FOR  
TEACHERS AND TECHNICIANS

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

[Home](#) > [Wind up racer](#)

---

## Wind up racer

Posted by [Anonymous](#) on Sun, 2014-03-16 14:50

This online resource helps demonstrate conservation and transformation of energy.

The resource details a hands-on activity where students can build a simple wind-up 'race car' that demonstrates principles and use of stored mechanical energy.

The race car is made from easily obtainable household materials.

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

### **Tags:**

[energy transfer](#)

[kinetic energy](#)

[elastic potential energy](#)

[energy](#)

[spring potential energy](#)

[linear motion](#)

### **External Link:**

[Wind up racer instructions](#)

### **Source Category:**

[Commercial](#)

[Wind up racer](#) Wind up racer type unknown



No votes yet

## Conservation of energy

---

**Source URL:** <https://assist.asta.edu.au/resource/494/wind-racer>