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## Gaining height

Posted by [sat](#) on Sun, 2014-03-16 15:01

This online resource is a good demonstration of the transfer of energy.

The resource give details of a teacher demonstration on the energy transformations involved in a collision between a basketball and a tennis ball.

A tennis ball is positioned on top of a basketball and the two are dropped from a height. The tennis ball is spectacularly propelled high into the air when they collide with the floor.

The resource also gives a detailed explanation of what's going on and how to take things further.

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

### **Tags:**

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[kinetic energy](#)

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Conservation of energy

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