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## Leaning Tower Video – Gravity Investigation with Air Resistance

Posted by [sat](#) on Mon, 2014-08-11 12:49

This online resource investigates the gravity tower at Gingin near Perth.

The resource is a video from the ABC television show *Catalyst and* shows several objects being dropped from the 45 m high tower and their acceleration due to gravity is compared.

It also demonstrates that an object with a chain attached, like a bungee cord, can actually accelerate faster than gravity. This is then compared to the cracking of a whip where the whipping motion accelerates the end of the whip to a speed faster than the speed of sound.

Australian Curriculum v9 Codes: AC9S7U04 (Year 7)

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