

## Magnetism

# The Attraction is Obvious: Designing Maglev Systems

### VIDEOS FOR STUDENTS

## Extreme Engineering: Maglev Train

Take a virtual ride on a maglev train as you move through this video from *HowStuffWorks*. (1:54)

<http://science.howstuffworks.com/transport/29341-extreme-engineering-maglev-train-video.htm>

## Chinese Magnetic Compass

In this *Science Channel* video, take a look at an ancient magnetic compass that points . . . south. (1:06)

<http://www.sciencechannel.com/tv-shows/what-the-ancients-knew/videos/what-the-ancients-knew-i-shorts-chinese-magnetic-compass.htm>

## I Didn't Know That: Magnets

This video from *National Geographic Kids* provides an introduction to magnets and where to find them, from pigeon beaks to roller coaster brakes. (3:21)

<http://video.nationalgeographic.com/video/kids/cartoons-tv-movies-kids/i-didnt-know-that-kids/idkt-magnets-kids/>

## Air Traffic Controller

How do people control traffic in the skies? This video from PBS explains our air traffic control system. (3:26)

<http://video.pbs.org/video/2220804079/>

### TEACHER RESOURCE

## Magnet Review

This BBC website *Bitesize* provides some basic magnet review for adults, starting simple and moving into electromagnets.

<http://bbc.in/1fZhAes>