

MARVELOUS MAGNETS

Session Brief | L KS2

(45 Mins)

Magnets are an important part of operating some of our rides, but how do they work? In this session discover what magnets can do and how we use them on our rides. You will also get to experiment with different materials to see what is magnetic and what isn't.

Session Content

- Explore magnets and how to describe them and what they do.
- Take part in an experiment to discover what materials are magnetic.
- Investigate how we use magnets on our rollercoasters.

National Curriculum Links

- Observe how magnets attract or repel each other and attract some materials and not others.
- Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.
- Describe magnets as having two poles.
- Predict whether two magnets will attract or repel each other, depending on which poles are facing.

During visit

- Take a look at rides and see what other rides use magnets.

Post-visit

- Create a tally of all of the different materials you have in your classrooms and which ones are magnetic.