

Project Focus: **Mighty Metals**

Suggestions of activities children might like to complete:

- Go on a magnetic treasure hunt in your house. How many magnetic objects can you find? What materials are they made from?
- Research some of the tasks carried out by robots. What tasks do you think robots could do in the future? What jobs would you like a robot to do in your house? Ask your parents - they're sure to have some ideas!
- Investigate the best surfaces at home for toy cars to travel on: carpet or a tiled floor? Measure the distance travelled on each type of surface and rank each one in order of effectiveness. Make a table or bar chart to show your results. Which force is acting to slow down and stop the cars from moving?
- Use non-fiction books and the web to find out about a metal of your choice. Write down your findings as a list of facts.
- Read stories and poems about robots. Choose your favourite, then write or film a review for your classmates.
- Design your perfect playground. What (real or imaginary) equipment would you include?
- Search the web to find artwork made using metal and make a collage or scrapbook of downloaded images.
- Choose and find out all you can about a musical instrument made from metal. It could be an orchestral instrument or something more unusual. Create a presentation with photos and sound clips of your chosen instrument.
- Design and make a fridge magnet, either as a gift for someone or to commemorate a special event.
- Imagine... you wake up, and all the metal in the world has vanished! Write a story about your day. How is everyday life different without metal?
- Find out about King Midas and his golden touch.

Suggestions of possible places to visit or websites to research:

- www.ngkids.co.uk
- www.pinterest.co.uk
- BBC website