

## **Science topics**

### FORCES AND MAGNETS

- compare different forces - pushes and pulls
- magnetism - poles, attraction and repel

Investigation - which materials can we use to make a magnetic game?

### SOUND

- exploring how sound is made
- changing sounds (pitch and amplitude)

Investigation - patterns in sound and sound insulation (ear muffs)

### STATES OF MATTER

- solids, liquids and gases
- heating and cooling
- water cycle

### LIGHT

- name a variety of light sources
- reflection
- shadows are created by blocking light

Investigation - find patterns that determine the size of shadows

### ANIMALS, INCL HUMANS

- skeletons and muscles

Investigation - do all animals have skeletons?

Investigation - what would happen if humans did not have skeletons?