



## SCIENCE

### Forces

- Explain that unsupported objects fall to the earth because gravity is acting between the earth & falling object
- Identify the effects of air resistance & friction that act between different surfaces
- Recognise that some mechanisms, including levers, pulleys and gears allow a smaller force and have a greater effect



### Electricity

- Day, night, month, seasonal changes & year are caused by the position and movement of the earth
- Describe the movement of the Earth and other planets, relative to the Sun in the solar system
- Describe the movement of the Moon relative to earth
- Describe the Sun, Earth and Moon as approximately spherical bodies
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

