

Physics at Western EYFS

In the Early Years, children are encouraged to investigate the world around them. They explore forces and how things move, they find out about some planets in our solar system, investigate light and shadows and they recognise the difference between day and night.



KS1

In KS1 the children are not taught physics explicitly but they learn about day length and weather when they study seasons and explore forces when they investigate the properties of materials.



Y3/4

The children investigate light, darkness and shadows, looking for patterns in their findings. They investigate forces, including magnetism, and compare how things move on different surfaces and make predictions about magnets. The children investigate electricity, set up simple circuits and identify common appliances that run on electricity. They find patterns when investigating sounds, linking volume and vibration.



Y5/6

By the end of Year 6, the children will be able to use symbols when drawing circuit diagrams and investigate voltage. They will be able to use augmented reality to describe the movement of planets in the solar system, explain day and night and explain the movement of the moon around the Earth.

