

## LONG TERM PLAN FOR SCIENCE

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	(Seasons) Animals including humans (Human focus)	Animals including humans (Pets and animals focus)	(Seasons) Everyday materials	(Seasons) Everyday materials	(Seasons) Plants	Changing Me Sex and Relationship Education
Year 2	Uses of Everyday Materials Stages of life	Animals including humans	Living Things & their Habitats	Plants	Looking After Ourselves	Changing Me Sex & Relationship Education
Year 3	Rocks, soils and Fossils	Forces	Light	Animals including Humans	Plants	Changing Me Sex & Relationship Education
Year 4	All Living Things	States of Matter	Sound	Animals including Humans	Electricity	Changing Me Sex & Relationship Education
Year 5	Earth and Space	Forces & magnets	Properties & Changes of Materials	Animals including Humans	Living things & habitats	Changing Me Sex & Relationship Education
Year 6	Evolution & inheritance	Light	Electricity	Humans & other Animals	Living things & habitats	Change Me Sex & Relationship Education

### Shifa the Scientist



A scientist asks enquiring questions and tries to answer them:

- What happens if I move the torch towards the object?
- Why does the moon always face the Earth?
- What happens if a plant is placed in the dark?

A scientist makes predictions about what might happen:

- I think the wood lice will run under the log because they do not like light.
- I think the light will travel through the window because it is transparent.

A scientist does investigations, makes observations over time, collects data and draws conclusions.

Scientists work collaboratively and share and discuss and their findings.

A scientist can try to think of reasons why things happen:

The puddle has dried up in the sun because the water has evaporated.

The bulb has not lit up because the circuit has been broken by the switch.