



LONG TERM PLAN FOR SCIENCE

Year A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	How have I changed since I was a baby?	Why have the leaves changed colour?	Can we learn about Science from Stories?	How does chocolate melt?	Why does it rain? Are there ladybirds in Leintwardine?	How do I make ice cream?
Year 1/2	What is special about the human body? <i>Ourselves</i>	Why can't we make windows out of wool? <i>Everyday Materials</i>	Can I use my scientific knowledge to carry out experiments? <i>Thinking scientifically</i>	What are the differences between baby humans and baby birds? <i>Animals including humans - lifecycles</i>	What does a plant need to thrive? <i>Plants</i>	Why do animals live where they do? <i>Animals and their habitats / Food chains</i>
Year 3/4	What is under our feet? <i>Y3 rocks</i>	What do humans and other animals need to stay healthy? <i>Y3 humans and animals</i>	Am I able to use the force? (magnetism) <i>Y3 Forces and Magnetism</i>	How can I grow a healthy garden? <i>Y3 plants</i>	Gas, liquid or solid? <i>Y4 States of matter</i>	Can I design and carry out a fair test? <i>Supporting working scientifically</i>
Year 5/6	What is a heliocentric view of the earth?	Why can we see in colour?	How do forces affect our movement?	How do we change throughout our lives? (old age)	What do I need to know to become a connoisseur of classification?	

Year B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	How have I changed since I was a baby?	Why have the leaves changed colour?	Can we learn about Science from Stories?	How does chocolate melt?	Which foods can we grow?	How can I make sand sculptures?
Year 1/2	What makes a happy healthy pet? <i>Focus on living things</i>	Why isn't my shadow always there? <i>Seasonal Changes</i>	Wet or dry? Everyday materials – waterproof/absorbent	Do we need plants? <i>Plants</i>	Solid or Liquid? Everyday materials – changing materials	How do bees help my garden grow? <i>focus on habitats</i>
Year 3/4	How do we see? <i>Y3 Light</i>	What makes animals the same/different? <i>Y4 Habitats</i>	What's that sound? <i>Y4 Sound</i>	What makes a circuit complete? <i>Y4 Electricity</i>	How does what I eat and drink affect my body? <i>Y3 Animals and humans – digestion teeth and food chains</i>	Can I design and carry out a fair test? <i>Supporting working scientifically</i> <i>Supporting working scientifically</i>
Year 5/6	Which materials are changeable and which are not?	How do we keep our hearts healthy?	What makes a lightbulb shine brightly?	How have living things changed over time?	What are the similarities and differences between different living things?	