



We Are Scientists	Y1	Y2	Y3	Y4	Y5	Y6
Leading Question	How do our bodies work? Human Body and senses Seasons	What do all humans need to Survive? Humans and their basic needs	What lies beneath our feet? Rocks and Soils	What happens to our food in our bodies? Humans Teeth and digestion	What is Chemistry? Properties and changes of Materials	What is Evolution? Evolution and inheritance
Depth in Science	Identify , name, draw and label the basic parts of the human body and say which part of the body is associated with each sense	Notice that animals, including humans, have offspring which grow into adults. Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene	Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. Describe in simple terms how fossils are formed when things that have lived are trapped within rock. Recognise that soils are made from rocks and organic matter	Describe the simple functions of the basic parts of the digestive system in humans. Identify the different types of teeth in humans and their simple functions.	Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. Demonstrate that dissolving, mixing and changes of state are reversible changes. Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda	Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution
Technical drawing	Composing drawings that visually communicate how something functions or is constructed.	Composing drawings that visually communicate how something functions or is constructed.	Composing drawings that visually communicate how something functions or is constructed.	Composing drawings that visually communicate how something functions or is constructed.	Composing drawings that visually communicate how something functions or is constructed.	Composing drawings that visually communicate how something functions or is constructed.
Leading and supporting literature – Reading See teachers overviews for more literature.	Step Inside Science – Lara Bryan, Look Inside Your Body – Louie Stowell, Cat Eyes and Dog Whistles – Cathy Evans, Seasons – Hannah Pang, The Walk in the Woods – Flora Martyn, The Five Senses – Jane Lacey, My First Book About the Five Senses - Alike	The Museum of Odd Body Leftovers – Rachel Poliquin, What Makes Us Human – Luke O’Neill, Healthy Me: Resting and Sleeping – Katie Woolley/Ryan Wheatcroft, Healthy Me: Exercise & Play - Katie Woolley/Ryan Wheatcroft, Fundamental Science KS1 – Ruth Owen	The Pebble in my Pocket – Meredith Hooper, The Rock Factory – Jacquie Bailey, Stone Girl Bone Girl- The Story of Mary Anning – Laurence Anholt, Lightning Mary – Anthea Simmons, Geology – Emily Dodd, Soil Under Feet – Kirsty Holmes	What Happens When you Eat – Emily Bone, Your Growling Guts – Paul Mason, Care for your Teeth – Martha Rustad, The Tooth Book – Edward Miller	What’s Chemistry All About? – Alex Frith, Science is Everywhere: Amazing Materials – Rob Colson, Once Upon a Raindrop – James Carter, States of Matter – Chris Oxlade, How Dogs Really Work – Alan Snow	Moth – Isabel Thomas, Amazing Evolution – Anna Claybourne, When the Whales Walked – Dougal Dixon
Writing Focus 4 weeks	Recount	Information Leaflet	Biography	Recount	Explanation/Method	Biography



RE and the Arts 7 days	Who do Christians say made the world? (6 hours) How should we care for the world and for others and why does it matter? (6 hours)	Who is a Muslim and how do they live? Part 2 (6 hours) What makes some places sacred to believers? (6 hours)	What kind of world did Jesus want? (8 hours) How and why do people try to make the world a better place? (8 hours)	What does it mean to be a Hindu in Britain today? (8 hours) How and why do people mark the significant events of life? (8 hours)	Christians and how to live: What would Jesus do? (8 hours) What matters most to Humanists and Christians? (8 hours)	Why do Hindus want to be good? (8 hours) How does faith help people when life gets hard? (8 hours)
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