

Science Curriculum Map



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
LKS1 A	Animals including Humans	Animals including Humans	Everyday materials	Everyday materials	Seasonal Changes	Seasonal Changes
Science topic	Ourselves	Our pets	Let's build	Marvellous Materials	Wonderful Weather	What's growing in our garden?
Possible Teaching ideas (linked to planning on t-drive)	Look at how we've changed. Look at our bodies! What can we hear? How can we sort things using sense? Sense explorers. Sensory boards and bottles.	Environment exploration. Where do woodlice like to live? The puppy has made a mess! Imaginary pets My pet is happy and healthy. Bring your pet to school day (stuffed animals)	What materials can we find? Matching materials! Magnets and metal Sorting objects Three little pigs and their building choices. The alternative three little pigs.	Mending a torn umbrella (2 sessions) Ice observation Frozen! Puddle observations (2 sessions)	What do we know about weather? Weather watching Shadow fun! Your weather station: rainfall Your weather station: Wind direction Your weather station: temperature	Going and growing outside One potato, two potato Garden centres and seeds What lives in the garden? What is inside a flower? What is inside a tree?
LKS1 B	Animals including Humans	Living Things and Their Habitats	Everyday materials	Everyday materials	Plants	Living Things and Their Habitats
Science Topic	Healthy Animals	Habitats	Materials Matter	Squash, bend, twist and stretch	Ready, Steady, Grow!	Gardens and Allotments
Teaching ideas (linked to planning on t-drive)	Hatching eggs! Babies! Stranded! Healthy hearts! Deep inside my lunchbox Pack a healthy lunchbox	Dead or Alive! Microhabitats Go Large! Food chains Designing a bug hotel Making a bug hotel	Mopping up Are bricks absorbent? Waterproofing materials Printing Resist the wax! Melting and moulding	Which ball is the bounciest? Which fabric is the stretchiest? Testing rigity Tough and flexible Which is the strongest paper? Paper bridges	Spreading the seeds (2 sessions) Hydroponics in the classroom Growing cress How has the bean grown? Eating cress	Making a playground allotment Making a microhabitat Farming and food chains Food chain game Transfer of energy Eating the spoils

LKS2A	Animals including Humans	Light	Rocks	Forces and Magnets	Plants	Plants
Science Topic	Keeping Healthy	Light and Shadows	Rocks	Amazing Magnets	Plants	Artful flowers, plants and seeds
Teaching ideas (linked to planning on t-drive)	Food for thought A balanced diet Bones and skeletons Muscles and movement Time to investigate Personal Trainers	What is light? Reflectors and lights Mirror, mirror! Shadows Lets investigate What a performance!	Become rock stars! Rock detectives Rock survey Fantastic fossils Soil Detectives Amazing rock and fossil museum	May the force be with you! Acting forces Magnetic attraction Poles apart Magnetic fun time All the fun at the fair!	Space to grow Roots, shoots and so much more! Fruit, shoot, leaf or root? Water for life Data, data, data! Space farm	Flower power More about flowers Seeds in the making Explore fruits Seed dispersal What an exhibition
LKS2B	Electricity	States of Matter	Sound	Living Things and Their Habitats	Animals including Humans	Living Things and Their Habitats
Science Topic	It's Electric	States of Matter Scientists	Listen Up	Name That Living Thing	Are These Your Teeth?	Help Our Habitats
Teaching ideas (linked to planning on t-drive)	Electric fun! Understanding electrical safety Building a circuit Good conductor, bad conductor? Showing what you know! It's Electric!	Solid or liquid? It's a bit gassy! Particle party-temperature taker Evaporation and condensation Make it rain! Welcome to the science fair!	Sound walk Good vibrations Pitch and volume Pardon? Sssshhhhhh! The rock star challenge	A living thing? Local living things-What are they? How are living things classified? Closer inspection Enormous insects I'm thinking of a living thing.....	Excuse me, are these your teeth? What happens to my food? What does the small intestine do? What did this poo? Who's the predator? Did you know.....?	Our environment Other changes Climate changes Impact of change Help our habitat A positive impact!
UKS2A	Earth and Space	Forces	Properties of Materials	Changes of materials	Living Things and Their Habitats	Animals including Humans
Science Topic	Space Presenters	May The Forces Be With You	Music Festival Materials	Changing Materials	The Art Of Living	Life Explorers
Teaching ideas (linked to planning on t-drive)	Coming up with the intergalactic goods Planetary scales- Model the solar system How the solar system works	Forces mission training camp Parachuting in The lever and pulley challenge The bike gears challenge	Food prep materials challenge Keeping it hot....keeping it cold Food packaging challenge Cleaning team challenge Electrical health and safety	Soluble solutions Separation solutions The chemistry of cooking Oxidation sensation The chemistry kitchen	Reproduction in flowering plants Reproduction in plants and fruits Insect and amphibian life cycles Mammal and bird lifecycles	Gestation gurus Development detectives Growth and change: baby and child Growth and change: Adolescence and puberty

	Day and night-changing shadows Sun dial designers and time zones detectives A moon month	The goldilocks path challenge The boat challenge	Keeping the sound contained.		Life cycles from around the world Meeting and becoming natural scientists	Growth and change: Adults and old age Human timeline
UKS2B	Light	Electricity	Living Things and Their Habitats	Evolution and Inheritance	Animals including humans	Second Look Science
Science Topic	Crime Lab Investigation	Electric celebrations	Classification Connoisseurs	The game of survival	The Art of Being Human	The Science of Sport
Teaching ideas (linked to planning on t-drive)	Light specialists required Light travels in straight lines Up periscope Shadow giants It's a rainbow world A trick of the colourful light filters	Electrical festival challenge Playing with electricity Designs, ideas and circuit diagrams Create a dimmer switch Create festival lights prototype	Odd one out The sweetness of classification Classification in your back yard Quirky creatures New creature feature	Mutations adaptations Extreme survival- what do would you wear in different Meet the evolutionary pioneers Rocks and soils Fossils Evolutionary trees fossils The tale of the giraffe's neck	Blood composition and function The heart Nutrient detective The circulatory system A healthy body: diet, exercise and lifestyle A healthy body: drugs and alcohol	Balls and rolling on different materials. Sports kit and equipment enquiries Harnessing sports forces Sports- throwing different balls and how they feel. Healthy food for a sports- food for fuel. Lighting up sports stadiums