

Curriculum Overview – Science

Topic	Key Stage	Activity	Objective
Animals, Including Humans	KS1	Skeleton Treasure Hunt (<i>Orienteering</i>)	Identify and label the main parts of the human body, including head, neck, arms, elbows, legs, knees and feet.
Animals, Including Humans	KS1	Skeleton Relay	Identify and label the main parts of the human body, including head, neck, arms, elbows, legs, knees and feet.
Animals, Including Humans	KS1	Face Stations	Identify parts of the human face and say which part is associated with which sense.
Animals, Including Humans	KS1	Face Team Build	Name, draw and label the parts of the human face and say which part is associated with which sense.
Animals, Including Humans	KS1	Animal Grouping Relay	Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
Animals, Including Humans	KS1	Animal Grouping Hunt (<i>Orienteering</i>)	Identify and name a variety of common animals that are carnivores, herbivores and omnivores
Animals, Including Humans	KS1	Body Build Scavenge	Name, draw and label the parts of the human face and say which part is associated with which sense.
Animals, Including Humans	KS1/2	Animal Classification - Science Vocabulary (<i>Orienteering</i>)	To give children familiarity with key vocabulary about animal classification.
Animals, Including Humans	KS2	Food Chain Dash	Construct and interpret a variety of food chains, identifying producers, predators and prey.
Animals, Including Humans	KS2	Food Chain Chase	Construct and interpret a variety of food chains, identifying producers, predators and prey.
Animals, Including Humans	KS2	Animal Key Clash Dash	Use classification keys to help group, identify and name a variety of living things.
Animals, Including Humans	KS2	Animal Guess Who (<i>Orienteering</i>)	Identify and name a variety of living things in the local and wider environment.



Curriculum Overview – Science

Topic	Key Stage	Activity	Objective
Circulatory System	KS2/3	Circulatory System Vocabulary Hunt (<i>Orienteering</i>)	To help pupils become familiar with key vocabulary about the circulatory system.
Circulatory System	KS2/3	Circulatory System Orienteering Challenge (<i>Orienteering</i>)	To help pupils understand the circulatory system.
Earth and Space	KS1	Planet Top Trumps (<i>Orienteering</i>)	Become familiar with the 8 planets, their key characteristics and rotations around the sun.
Earth and Space	KS2,3	Which Planet am I?	Become familiar with the 8 planets, their key characteristics and rotations around the sun.
Electricity	KS2/3	Electricity – Science Vocabulary (<i>Orienteering</i>)	To help pupils become familiar with key vocabulary about electricity.
Friction	KS2/3	Friction Orienteering Quiz (<i>Orienteering</i>)	To reinforce key facts about friction.
Healthy Eating	KS1/2	5 - a -Day Dash (<i>Orienteering</i>)	To reinforce pupils' understanding of healthy eating.
Healthy Eating	KS2/3	Healthy Eating Orienteering Quiz (<i>Orienteering</i>)	To reinforce pupils' understanding of healthy eating.
Healthy Eating	KS2/3	Healthy Eating Orienteering (<i>Orienteering</i>)	To reinforce pupils' understanding of healthy eating.
Light	KS2/3	Light Orienteering Quiz (<i>Orienteering</i>)	To reinforce key facts about light.
Sound	KS2/3	Sound Orienteering Quiz (<i>Sound</i>)	To reinforce key facts about sound.



Curriculum Overview – Science

Topic	Key Stage	Activity	Objective
Living Things and their Habitats	KS1	Minibeast Top Trumps (<i>Orienteering</i>)	Identify, name and explore the characteristics of minibeasts
Living Things and their Habitats	KS1	Minibeast and Habitat Hunt (<i>Orienteering</i>)	Identify that most living things live in habitats to which they are suited and describe how different habitats provide for their basic needs.
Living Things and their Habitats	KS1	Living and Non-Living Trails	Classify things that are living; things that are dead, but were once alive; and things that have never been alive
Living Things and their Habitats	KS1	Habitat Build	Identify that most living things live in habitats to which they are suited and describe how different habitats provide for their basic needs
Living Things and their Habitats	KS1/2	Habitats – Science Vocabulary (<i>Orienteering</i>)	To reinforce key vocabulary about habitats
Evolution and Inheritance	KS2/3	Life on Earth Timeline Orienteering Challenge	To introduce pupils to the chronology of some key events in the evolution of life on earth.
Materials	KS1	Material Scavenger Hunt	Identify, name, describe and group a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
Materials	KS2/3	Properties of Materials – Science Vocabulary (<i>Orienteering</i>)	To reinforce key vocabulary about properties of materials.
Materials	KS2/3	Properties of Materials Orienteering Quiz (<i>Orienteering</i>)	To reinforce key facts about materials.
Rocks	KS2/3	Rocks Orienteering Quiz (<i>Orienteering</i>)	To reinforce key facts about rocks.
Temperature	KS2/3	Temperature – Science Vocabulary (<i>Orienteering</i>)	To help pupils become familiar with key vocabulary about temperature.



Curriculum Overview – Science

Topic	Key Stage	Activity	Objective
Plants	KS1	Tree Water Works	Identify and describe the functions of different parts of flowering plants and investigate the way water is transported within plants.
Plants	KS1	Tree Structure Team Build	Identify and describe the basic structure of plants, and the functions of their different parts.
Plants	KS1	Tree and Plant Structure Relay	Identify and describe the basic structure of plants, and the functions of their different parts.
Plants	KS1	Leaf Bingo (<i>Orienteering</i>)	Identify and name a variety of common wild and garden plants in their habitats, including deciduous and evergreen trees.
Plants	KS1	Journey Sticks	Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
Plants	KS1/2	Tree Treasure Hunt (<i>Orienteering</i>)	Identify and name a variety of common deciduous and evergreen trees.
Plants	KS1/2	Pollen Grab	Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.
Plants	KS1/2	Plants Orienteering Quiz (<i>Orienteering</i>)	To reinforce key facts about plants.
Plants	KS2,3	Plants – Science Vocabulary (<i>Orienteering</i>)	To help pupils become familiar with key vocabulary about plants.
Seasonal Changes	KS1	Seasonal Changes Warm-Up	Observe changes across the four seasons
Seasonal Changes	KS1	Seasonal Changes	Observe changes across the four seasons

