



# Whole school overview: Science

	Term 1		Term 2		Term 3		Term 4		Term 5		Term 6	
EYFS	<b>Topic:</b> Animals, plants and people  <b>Key Learning:</b> Explore animals and plants over a period of time and talk about how they change and how they can be cared for.				<b>Topic:</b> Materials  <b>Key Learning:</b> Know about similarities and differences in relation to objects, materials and living things. Talk about the different textures of materials.				<b>Topic:</b> Seasons  <b>Key Learning:</b> Comments and asks questions about aspects of their familiar world such as the natural world. Observe the weather daily and discuss changes over time.			
Year 1	<b>Topic:</b> Seasonal Change  <b>Key Learning:</b> Observe and describe seasonal changes.		<b>Topic:</b> Animals including humans  <b>Key Learning:</b> Identify and name different animals and parts of the body. Become familiar with the different senses.		<b>Topic:</b> Everyday materials  <b>Key Learning:</b> Grouping different materials and describing the simple physical properties of everyday materials.				<b>Topic:</b> Plants  <b>Key Learning:</b> identify and name a variety of common plants. Describe the basic structure of flowering plants.			
Year 2	<b>Topic:</b> Everyday Materials  <b>Key Learning:</b> Identify and compare the suitability of a variety of everyday materials for different purposes. Explore the different properties of solid materials.				<b>Topic:</b> Living things and their habitats  <b>Key Learning:</b> Explore how different habitats meet the basic needs of different animals and plants.		<b>Topic:</b> Animals including humans.  <b>Key Learning:</b> Explore what humans and animals need to survive and to be healthy.		<b>Topic:</b> Plants  <b>Key Learning:</b> Name and identify deciduous and evergreen trees. Explore how plants grow.			
Year 3	<b>Topic:</b> Rocks  <b>Key Learning:</b> Compare and group different rocks based on physical properties. Explore how fossils and soil are created.		<b>Topic:</b> Light  <b>Key Learning:</b> Explore the properties of light and shadows.		<b>Topic:</b> Forces and Magnets  <b>Key Learning:</b> Explore how magnets interact with each other and different materials. Describe magnets as having two poles and make predictions on whether they will repel or attract each other.				<b>Topic:</b> All living things  <b>Key Learning:</b> Identify the requirements of plants for life and growth and their life cycle.		<b>Topic:</b> Animals including humans.  <b>Key Learning:</b> Explore nutrition, skeleton and muscles in humans.	

Year 4	<b>Topic:</b> Sound  <b>Key Learning:</b> Explore how sounds are made and travel. Look at patterns in pitch and volume.	<b>Topic:</b> Electricity  <b>Key Learning:</b> Look how electricity and circuits are used every day and explore making the own circuits	<b>Topic:</b> States of Matter  <b>Key Learning:</b> Compare and identify the properties of solids, liquids and gases including changes.		<b>Topic:</b> All living things  <b>Key Learning:</b> Explore different ways living things can be grouped and use classification keys.	<b>Topic:</b> Animals including humans  <b>Key Learning:</b> Become familiar with the digestive system, including teeth.
	<b>Topic:</b> Forces  <b>Key Learning:</b> Explore gravity, resistance and friction and how forces can be transferred through mechanical devices.		<b>Topic:</b> Properties and change of materials  <b>Key Learning:</b> Compare and group together everyday materials on the basis of their properties. Predict and test how mixtures can be separated.	<b>Topic:</b> Earth and Space  <b>Key Learning:</b> Explore the movement Earth and other plants relative to the Sun in the solar system and the impact on Earth.	<b>Topic:</b> Animals including humans  <b>Key Learning:</b> Look at the development and changes in a human life cycle.	<b>Topic:</b> All living things  <b>Key Learning:</b> Look at the life cycles in mammals, amphibians, insects, birds and plants.
Year 6	<b>Topic:</b> Electricity  <b>Key Learning:</b> Explore the impact voltage and circuit design can have on the components in the circuit.	<b>Topic:</b> Light  <b>Key Learning:</b> Explore how light travels and how humans see objects.	<b>Topic:</b> Evolution and inheritance  <b>Key Learning:</b> Look at how living things have changed over time and how fossils provide information. Identify how animals have adapted to suit their environment in different ways and that adaptation may lead to evolution.		<b>Topic:</b> Animals including humans  <b>Key Learning:</b> Become familiar with the circulatory system and how different factors can impact on the body's functions.	<b>Topic:</b> All living things  <b>Key Learning:</b> Look at the groupings of living things including micro- organisms.