



SCIENCE:

AUTUMN Curriculum overview

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	Humans Growing & Change. Look at photos of when they were babies and compare to starting school photos. Learn the names of body parts and how to stay healthy. Meet a baby and talked about how to care for them. Seasonal Changes- Autumn&Winter	Humans Identifying body parts. How are we the same/different? How do we change over time? Exploring our senses. Seasonal Changes Naming, describing what we can see, hear etc in Autumn.	Animals Including Humans What are babies like? How do we change as we grow? Human wants and needs. From an egg to a chick. Keeping our hearts healthy - food, exercise.	Animals including humans; movement and nutrition Animals, unlike plants which make their own food, need to eat in order to get nutrients. Food contains a range of nutrients-carbohydrates, protein, vitamins, minerals, fats, sugars, water & fibre in order to keep the body healthy. Different food provides different nutrients. Humans, and some animals, have skeletons and muscles which help them move and provide protection and support.	States of Matter Three states of matter (Solid, Liquid, Gas) similarities / differences. Investigating how temperature affects change in states. Understanding diluting and dissolving. Exploring evaporation and condensation, freezing and melting and the 'water cycle'	Forces Explore Newtons Law. Simple Machines. The Earth and Space How the earth moves in space. The apparent movement of the sun. How the moon moves in space and the phases of the moon. Investigating craters. Why we have seasons. Modern and ancient astronomers.	Electricity Components and their symbols. Designing circuits. Electrical insulators and conductors. Investigating the brightness of a bulb/ the volume of a buzzer Light Explore how light travels. Discover how we can change the size of shadows.