

Term/Week	Knowledge, Skills and Understanding (KSU)							
	Topic/Lesson content	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Term 1a		<b>Human Body and Hygiene</b>	<b>Animals including humans</b> Mini-Beasts identify and name common, fish, amphibians, reptiles, birds and mammals, carnivores, herbivores and omnivores, basic human body parts and link to senses	<b>Animals including humans</b> Basic needs for survival, exercise, food and hygiene.	<b>Animals including Humans</b> Bodies nutrition, skeletons and muscles.	<b>Living things and Habitats</b> Grouping, classification, environments can change and cause danger	<b>Living things and habitats</b> Life cycles of mammal, amphibian, insect and bird, reproduction in plants and animals.	<b>Living things and habitats</b> Microorganisms, classifying plants and animals on specific characteristics.  <b>Seed Gravity Investigation</b> Feeding & Growing
Term 1b		<b>Harvest</b>	<b>Materials</b> Identify and name common, simple properties.	<b>Materials compare</b> Suitability, changing by squashing etc.	<b>Rocks</b> Properties, fossils	<b>Animals including humans</b> Digestive system, teeth, food chains – producers, predators and prey.	<b>Animals including Humans</b> changes in old age	<b>Animals including Humans</b> Circulatory system, diet, exercise and drugs, nutrients and water transporting around the body.
Term 2a		<b>Investigating Materials Floating and Sinking</b>	<b>Seasonal Changes</b> Seasons and weather	<b>Forces and magnets</b> Push & Pull <b>Trucks Investigation</b>	<b>Forces and magnets</b> Move on different surfaces, magnetism.	<b>States of matter</b> Solids, liquids, gasses, heating and cooling, evaporation and condensation – water cycle.	<b>Properties and changes of materials</b> Compare based on properties – soluble, condensation – water cycle. transparency, conductivity, magnetism, dissolving, solutions, mixtures, reversible and irreversible changes. <b>Drying Washing Investigation</b>	<b>Electricity</b> Brightness, volume, voltage of cells, variations in components function, symbols representing a circuit
Term 2b		<b>Light and Colour</b>	<b>Plants</b> Identify and name common, basic structure of flowering plants and trees. <b>Growing Investigation</b> Growing Sunflowers	<b>Plants</b> Growing seeds and bulbs, water, light and temperature to grow. Animals including humans – basic needs for survival. <b>Growing Investigation</b>	<b>Plants</b> Functions of parts of a plant, life and growth, flower life cycle <b>Growing seeds Investigation</b>	<b>Electricity</b> Appliances, simple circuit, switch, conductors and insulators. Electricity <b>Conductors Investigation</b>	<b>Forces and magnets</b> Gravity, air resistance, water resistance, friction, mechanisms, levers, pulleys and gears.	<b>Light</b> Light appears to travel in straight lines.

Term 3a		<b>Farm Animals and their Young</b> <b>Planting bulbs</b>	<b>Light</b> Exploring Shadows	<b>Animals including humans</b> Basic needs for survival, exercise, food and hygiene.	<b>Light</b> light to see, reflection, sun dangerous, shadows.	<b>Sound</b> Vibrations, the ear, volume, pitch. <b>Xylophones Investigation</b>	<b>Earth and Space</b> Movement of the earth, movement of the moon, night and day.	<b>Evolution and inheritance</b> Living things have changed over time, fossil evidence, offspring not identical to their parents, adaptation lived to evolution.
Term 3b		Recap and reinforce any concept, skills and knowledge required.	Recap and reinforce any concept, skills and knowledge required.	Recap and reinforce any concept, skills and knowledge required.	Recap and reinforce any concept, skills and knowledge required.	Recap and reinforce any concept, skills and knowledge required.	Recap and reinforce any concept, skills and knowledge required.	Recap and reinforce any concept, skills and knowledge required.

Resources:

Useful subject links:

See document useful Science Links for Primary Teachers