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| CYCLE A 2023-2024 | | | | | | |
|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| EYFS | **Sound:**  Listen to sounds outside and identify the source.  **Humans**: Describe people who are familiar to them (in my family).  Learn about how to take care of themselves.  **Materials, including changing materials:** Observe, measure and record how materials change when heated and cooled (Baking Bread).  Compare how materials change over time and in different conditions (Gingerbread man in water)  **Seasonal Changes:**  Play and explore outside in all seasons and in different weather (Autumn Changes)  Parachute with autumn leaves  **Living Things and Their Habitats:**  Explore plants in the surrounding natural environment (link to Conker Walk). | **Seasonal Changes:**  Play and explore outside in all seasons and in different weather (Winter changes)  **Humans:** Describe people who are familiar to them (in my local community).  Road safety  Fire safety  Calling 999 - Make a cup phone (STEM)  **Materials, including changing materials:** Observe, measure and record how materials change when heated and cooled (Freezing and melting)  **Forces:**  Explore how to change how things work (link to Three Pigs houses and STEM) | **Living Things and Their Habitats:**  Explore the plants in the surrounding natural environment (snowdrop and daffodil growth)  **Animals, excluding humans:**  Name and describe animals that live in different habitats (nocturnal)  Lifecycle of a crocodile  Describe different and contrasting environments - Link to trip to Chester Zoo.  **Sounds:**  Make sounds – using iPads. | **Seasonal Changes:**  Play and explore outside in all seasons and in different weather (Spring Changes). Observe living things throughout the year. Link to Minibeasts.  **Earth and Space:**  Learn about the Earth, Sun, Moon, Plants and Stars. Maps – read and create own maps (signs and symbols)  Map of the world –different countries  **Light**  Explore shadows/rainbows. Link to artwork.  **Materials, including changing materials:**  Make objects from different materials, including natural materials (Floating/sinking experiments). Link to **Forces** – explore how objects move in water and how the wind can move objects (across the ‘ocean’) | **Materials, including Changing Materials**  Explore a range of materials, including natural materials (explore photos and artefacts - fossils, dinosaur bones)  **Humans:**  Learn about how to take care of themselves.  Healthy vs unhealthy – make fruit kebabs.  **Living Things and Their Habitats:**  Explore plants and animals in a contrasting natural environment (Tarporley and the Jungle – link to Dinosaurs) | **Seasonal Changes:**  Play and explore outside in all seasons and in different weather (Summer Changes)  **Living Things and Their Habitats**  Explore the animals in the surrounding natural environment (link to the farmyard trip and having chicks) |
| Key Stage 1 | **Animals including Humans** –  Ourselves  Note offspring that grow into adults  Basic needs of animals  Exercise, healthy eating and hygiene | **Animals including Humans** –  Our Pets  Identify and name animals  Carnivores, herbivores and omnivores | **Seasonal Changes** –  Wonderful Weather  Observe changes across seasons  Weather and day length | **Everyday Materials** –  Marvellous Materials  Identify everyday materials and simple properties  Group by properties | **Everyday Materials** –  Let’s Build  Suitability of materials for a particular use  How shapes of solids can be changed | **Plants** –  What’s Growing in our Garden?  Identify and name plants  Basic structure of flowering plants |
| Lower Key Stage 2 | **Forces and Magnets**  How things move on different surfaces  Magnetic forces  Magnets – poles, attract/repel and magnetic materials. | **Light**  Light to see  Darkness is the absence of light  Shadows  Light from the Sun (Dangerous) | **Rocks and Soils**  Compare and group on appearance and simple physical properties.  Fossils  Soils made from rock and organic material |  | **Plants**  Functions of parts of a flowering plant  Requirements for growth in plants  Water transportation  Life cycle of plants | **Animals Including Humans** –  Nutrition  Skeletons and muscles |
| Upper Key Stage 2 | **Forces**  Gravity  Air/water resistance  Friction  Levers, pulleys and gears | **Living things and their habitats** –  life cycles of mammals, amphibians, insects and birds. Reproduction – plants and animals. | **Properties and changes in materials**  Properties of materials  Dissolving  Separating materials  Reversible/irreversible changes | **Earth and Space**  Solar System  Movement of the earth and moon |  | **Animals including humans** – human development  Human life Cycle |