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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 safetyFire safetyCalling 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 adultsBasic needs of animalsExercise, healthy eating and hygiene | **Animals including Humans** – Our Pets Identify and name animalsCarnivores, herbivores and omnivores | **Seasonal Changes** – Wonderful WeatherObserve changes across seasonsWeather and day length | **Everyday Materials** – Marvellous MaterialsIdentify everyday materials and simple propertiesGroup by properties | **Everyday Materials** – Let’s Build Suitability of materials for a particular useHow shapes of solids can be changed | **Plants** – What’s Growing in our Garden?Identify and name plantsBasic structure of flowering plants |
| Lower Key Stage 2 | **Forces and Magnets**How things move on different surfacesMagnetic forcesMagnets – poles, attract/repel and magnetic materials. | **Light** Light to seeDarkness is the absence of lightShadowsLight from the Sun (Dangerous) | **Rocks and Soils**Compare and group on appearance and simple physical properties.FossilsSoils made from rock and organic material |  | **Plants** Functions of parts of a flowering plantRequirements for growth in plantsWater transportationLife cycle of plants | **Animals Including Humans** –NutritionSkeletons and muscles |
| Upper Key Stage 2 | **Forces**GravityAir/water resistanceFrictionLevers, 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 materialsDissolvingSeparating materialsReversible/irreversible changes | **Earth and Space**Solar SystemMovement of the earth and moon |  | **Animals including humans** – human developmentHuman life Cycle |