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| **AGE PHASE** | **YEAR****Group** | **AUTUMN** | **SPRING** | **SUMMER** |
| **EYFS** | **R** | **Families** **Bodies/body parts** | **Seasons** **Changes in the weather** | **Light & Dark****Shadows** | **Living things** Growing, planting seeds and mini beats | **People who help us**People who work in Science – doctors, nurses, hairdressers, dentists etc. | **Materials**Waterproof/Floating/Sinking |
| **KS1** | **1** | **‘EVERYDAY MATERIALS’****Links to transport through the ages****Local environment study – revisit materials in History in Spring when looking at Toys** | **PLANTS** (Introducing Common Names and Basic Structure & ongoing nature journals)**PLANTS’**Theme continued with a block at end of yr as well as throughout yrInstructional writingHow to grow a dinosaur…Best time of year to grow. | **‘ANIMALS INCLUDING HUMANS’**(Humans: Basic Structure & Senses)Poetry - senses | **‘ANIMALS** **~~INCL HUMANS’~~**(Other Animals: Basic Structure)Amazing animals Non-chron |
| **Observe plants throughout the year****Observe seasonal changes (** LIGHT & ASTRONOMY**) throughout the year (including sunlight, weather and link with plants)** |
| **2** |  **‘USES OF EVERYDAY MATERIALS’****Neil Armstrong & Christopher Columbus History****Local environment**  | **‘LIVING THINGS & THEIR HABITATS’** this creative context incl key learningcontinents and oceans – geography  |  **‘PLANTS’**(Growing Plants)**Growing Plants – observe the changes into summer** | **ANIMALS, ~~INCL HUMANS’~~**(Animal survival and growth)**HEALTH** **‘ANIMALS, INCL HUMANS’** (Humans: Grow & Stay Healthy)Revisit in summerLinks to PE Healthy Lifestyle & DT Food Project |
| **Observe plants and animals in the local environment throughout the year** |
| **LKS2** | **3** |  **‘PLANTS’**(Functions of plant parts and growth) |  **‘ROCKS’****Geography – revisit during Rivers in Spring** |  **‘ANIMALS, INCL HUMANS’**(Skeletons and Movement)Woolly Mammoth – Stone Age | LIGHT & ASTRONOMY**‘Y3 LIGHT’**(Shadows and Reflective surfaces) | **HEALTH****‘ANIMALS, INCL HUMANS’** (Health & Nutrition)Link to HistoryDiets of the Stone Age | **‘FORCES AND MAGNETS** |
| **4** | **MATERIAL PROPERTIES & MATERIAL CHANGES**(States Of Matter)**Geography – Water cycle** **United Utilities** | **‘ELECTRICITY’****DT – Buzzwires****Revisit Materials****Fiddlers Ferry** | **‘SOUND’** **Persuasion unit English Philharmonic Trip** **Links to Music** | **‘LIVING THINGS & THEIR HABITATS** (biodiversity, classification & care of environments)Beeston/Farm | **‘ANIMALS, INCL HUMANS’****(**Teeth and Digestion**)****DT – Healthy Diet/Kitchen****Dentist** **Life Caravan**  |
| **Use the local environment throughout the year to identify, study and observe changes of plants and animals in their habitat** |
| **UKS2** | **5** | (Material Properties)**‘PROPERTIES & CHANGES OF MATERIALS’** (Testing material properties)Link to Anglo Saxons/Vikings | (Material. Changes)**‘PROPERTIES & CHANGES OF MATERIALS’** (Reversible changes)Link to Anglo Saxons/Vikings | (Material changes)**‘PROPERTIES & CHANGES OF MATERIALS’** (Irreversible changes)DT Project – Textiles- revise what they found out in Autumn when testing materials.  | LIGHT & ASTRONOMY**‘EARTH & SPACE’**World Museum Trip |  **‘FORCES’**(Friction and air resistance and mechanisms) | **‘LIVING THINGS & THEIR HABITATS’**(observing life cycles /reproduction in animals and plants)Children are not mature enough in the Autumn |
| **Observe life cycles of plants and animals in the local environment throughout the year****‘ANIMALS, INCL HUMANS’** (Y5 Human life cycles) teach through PSHE lessons plus ideas incorporated into ‘Living Things and Their Habitats’ |
| **6** | **‘LIVING THINGS & THEIR HABITATS’**(classification)Link to Residential Area - Geography | **‘EVOLUTION & INHERITANCE’**(incl. adaptations)**Build on previous topic** | LIGHT & ASTRONOMY**‘Y6 LIGHT’** | **ELECTRICITY**Safety Central  | **‘ANIMALS, INCL HUMANS’** (Circulatory system and Exercise)Links to SMSC – PHSE Nurse visit/Puberty talk  | HEALTH**‘ANIMALS, INCL HUMANS’**(Keeping Healthy, Diet & Lifestyle)Food based DT ProjectTransition to high school/peer pressure/Life Caravan  |