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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 yr  Instructional writing  How 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 learning  continents 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 summer  Links 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 History  Diets 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 Project  Transition to high school/peer pressure/Life Caravan | | | |