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|  | **Autumn 1** | **Autumn 2** | **Spring 1** | | | **Spring 2** | **Summer 1** | **Summer 2** |
| **EYFS**  **Understanding the World** | |  | | --- | | Harvest celebrations  School environment and routine  Talk about family life.  Talk about past and present events in our lives and other’s lives  Weather and seasonal changes  Our bodies | | Autumn (seasons changing)  Roles of people in our community  Diwali  Bonfire Night  Christmas  Nativity  Similarities and differences between life in this country and other countries (Key Text – “Welcome”) | Winter  Freezing & Melting  Different environments  Weather  Care for the environment  Internet safety  Chinese New Year  Our changing world (Key Text – “Dear Earth”)  Space | | Our local environment  Similarities and differences  Observations of plants  Growing and planting  Trip to Brockholes/ Grimsargh Wetlands  Compare and contrast different countries, cultures, communities and people. | | Show care for living things  Know that the environment and living things are influenced by humans  Animals and their young  Mini-beasts  Lifecycles  (Key Text – “Dinosaur’s Day Out”) | Road safety – ‘Right Start’  Making own choices with technology  Floating and Sinking  Materials and purposes  Toys, our own toys, and how toys have changed overtime  (Key Texts – “Dogger” and “The Toymaker”) |
| **EYFS**  **Seasonal Change** | Autumn   * Leaves and trees * Wind * Apples * Dark nights/reflective materials | | Winter   * Winter foods * Ice and snow * Birds/animal tracks in the snow | Spring   * Growing things * Dandelions * Clouds * Rain, April showers and rainbows * Eggs and nests | | | Summer/Holiday/gardens   * Colours of summer * Sunlight and shadows * Sun hats and sun cream * Melting chocolate/ice lollies * Mini beasts * Summer fruits and life cycles | |
| **Year 1** | Animals including humans  Basic structure and senses | Animals (including humans)  Other animals - basic structure | Plants  Introducing common names  Basic Structure  Ongoing nature journals  TRIP: Barton Grange | | | | Everyday materials | |
| **Seasonal change** | Observe plants throughout the year  Observe seasonal changes ( LIGHT & ASTRONOMY) throughout the year (including sunlight, weather and link with plants)  Focus on autumnal/winter changes. Weather and climate (*Andy Goldsworthy)* | | | | | | | |
| **Year 2** | Uses of everyday materials | Animals (including humans – growth and staying healthy) Animal survival and growth | Living things and their habitats | | | | Plants/Nature Journal | Health - How we grow and stay healthy |
| **Seasonal change** | Observe plants and animals in the local environment throughout the year – nature journal | | | | | | | |
| **Year 3** | Animals (including humans)  Skeletons and movement | Rocks (linked to Stone Age) | Health (animals including human beings)  Health and nutrition | | | Forces and magnets | Plants  Functions of plant parts and growth | Light and astronomy  Shadows and reflective surfaces |
| **Seasonal change** | Use the local environment throughout the year to identify, study and observe changes in plants and animals in their habitat – nature journal | | | | | | | |
| **Year 4** | Electricity – series circuits, conductor insulators and switches | States of matter | Animals and their habitats  Food chains and mini-beasts | | | Sound – how sound travels | The digestive system and teeth | Investigations:  planning, predicting, observing, investigating and presenting results |
| **Seasonal change** | Use the local environment throughout the year to identify, study and observe changes in plants and animals in their habitat – nature journal | | | | | | | |
| **Year 5** | Properties and changes of materials  Testing material properties | Light and astronomy  Earth and space | Properties and changes of materials  Reversible changes | | | Properties and changes of materials  Irreversible changes | Forces  Friction  Air resistance  Mechanisms | Animals including humans (see below) |
| **Seasonal change** | Observe life cycles of plants and animals in the local environment throughout the year – nature journal  ‘Animals, incl. Humans’ (Y5 human life cycles) teach through PSHE lessons plus ideas incorporated into ‘ Living Things and their Habitats’ | | | | | | | |
| **Year 6** | Animals including humans Classification including  sub-divisions for vertebrates and invertebrates. | Light  How light travels, reflection and shadows. | Electricity | | | Evolution and Inheritance  Adaptation  Survival of the fittest  Reproduction. | Health, Exercise and the Circulatory System  (including health, diet and lifestyle) |  |
| **Seasonal change** | Observe and identify a variety of plants and animals that live there focusing on their adaptations for survival. This could be done through an ongoing/monthly nature journal to observe, record and review a variety of examples over a period of time and would support their learning and wider research in the ‘Living Things and Their Habitats’ unit and the ‘Evolution and Inheritance’ unit. | | | | | | | |