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|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Y1&2 | Introduction to plants   1. What is a plant? 2. Parts of a plant? 3. Wild and garden plants 4. Deciduous and evergreen trees 5. Sorting seeds 6. Which plant parts can you eat? | Seasonal changes   1. Wonderful weather 2. Seasonal activities 3. How do trees change? 4. Daylight hours 5. Observing over time 6. Weather reports | Habitats   1. Life processes 2. It feels good to be alive 3. Introduction to habitats 4. Woodland habitats 5. Rainforest and ocean habitats 6. Food chains | Life cycles and health   1. The human life cycle 2. Life cycles 3. Growth 4. Survival 5. Exercise and hygiene 6. Balanced diet | Plant growth   1. What do seeds need to grow? 2. Seeds and bulbs 3. Germination 4. Light and plant growth 5. Plant life cycle   Plant care | Making connections: Ocean Protectors   1. Rockpooling 2. Life cycles of ocean animals 3. Ocean litter 4. Ocean food chains   Being a marine biologist |
| Y3&4 | Light and shadows   1. Sources of light 2. What is reflection? 3. Where do shadows come from? 4. Shadows throughout the day 5. Investigating shadows   Using light and shadows | Movement and nutrition   1. Skeletons 2. The bones in our body 3. Muscles and movement 4. Eating for survival 5. Nutrient groups   Balanced diets | Rocks and soil   1. Rocks: appearance 2. Rocks: physical properties 3. Fossil formation 4. Fossils and palaeontology 5. Soil formation   Soil layers and earthworms | Digestion and food   1. The human digestive system 2. Human teeth 3. Investigating dental hygiene 4. Teeth of carnivores, herbivore and omnivores 5. Producers, predators and prey in food chains   Poo clues | Electricity and circuits   1. Using electricity 2. Building circuits 3. Switching on and off 4. Investigating electrical conductors and insulators 5. Investigating bulb brightness   Electrical safety | Making connections: How does food affect fatigue?   1. Planning 2. Gathering data 3. Analysing, concluding & evaluating 4. Extending 5. Presenting |
| Y5&6 | Mixtures and separation   1. Mixtures 2. Sieving 3. Filtering 4. Solutions 5. Dissolving   Evaporating | Properties and changes   1. Hardness 2. Transparency 3. Conductivity 4. Reversible changes 5. Irreversible changes: Burning and rusting   Irreversible changes: Mixing | Earth and space   1. Models of our solar system 2. Our solar system 3. The moon 4. Day and night 5. Time   Satellites and space junk | **Animals- Circulation and Health**   1. **Factors affecting health** 2. **The heart and circulatory system** 3. **Blood** 4. **Heart rate** 5. **Investigating exercise and heart rate** 6. **Investigating heart rate and fitness** | **Light and reflection**   1. The pathway of light 2. See the light 3. Measuring shadows 4. Reflecting light 5. Making a periscope 6. Using mirrors | **Making connections:**  **How reflective are space blankets?**   1. **Planning** 2. **Gathering data** 3. **Analysing, concluding and evaluating** 4. **Extending** 5. **Presenting** |