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|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Y1&2 | Introduction to plants1. 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
 | Habitats1. 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 health1. The human life cycle
2. Life cycles
3. Growth
4. Survival
5. Exercise and hygiene
6. Balanced diet
 | Plant growth1. 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 Protectors1. Rockpooling
2. Life cycles of ocean animals
3. Ocean litter
4. Ocean food chains

Being a marine biologist |
| Y3&4 | Light and shadows1. 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 nutrition1. Skeletons
2. The bones in our body
3. Muscles and movement
4. Eating for survival
5. Nutrient groups

Balanced diets | Rocks and soil1. Rocks: appearance
2. Rocks: physical properties
3. Fossil formation
4. Fossils and palaeontology
5. Soil formation

Soil layers and earthworms | Digestion and food1. 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 circuits1. 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
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| Y5&6 | Mixtures and separation1. Mixtures
2. Sieving
3. Filtering
4. Solutions
5. Dissolving

Evaporating | Properties and changes1. 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**
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