



# Year Three Knowledge Organiser



## Under The Surface Spring Term

### Prior Knowledge Vocabulary

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Rock, Stone, Soil</li> <li>Hard/Soft, Rough/Smooth</li> <li>Natural material</li> </ul>                        | <ul style="list-style-type: none"> <li>plant</li> <li>flower</li> <li>leaf / leaves</li> <li>stem</li> <li>root / roots</li> <li>Seed</li> <li>Water</li> <li>Soil</li> <li>Sunlight</li> </ul> |
| <ul style="list-style-type: none"> <li>Past, history, civilization, ancient, event, people, culture, Past, Long ago</li> <li>Hunt, Shelter</li> </ul> |   |

### Prior Knowledge – Key Facts

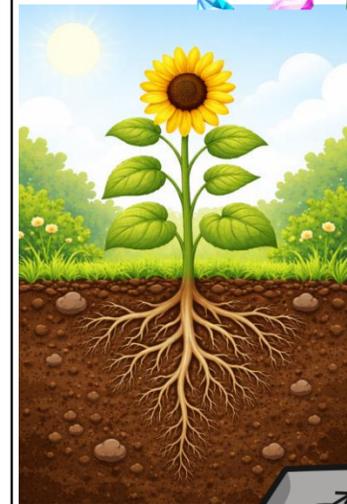
**Rocks and Materials:** Recognize natural materials like rocks, stones, and soil, and their basic properties (hard, soft, rough, smooth).

**Plants:** Identify basic plant parts and what plants need to grow and stay healthy.

Understand that plants grow from seeds, change as they grow, and that they can be part of simple food chains.

**Prehistory:** Learn about life in the past, how early humans hunted, built shelters, and used tools, with an awareness of chronological events.

### Pictures and diagrams



### Key Facts (curriculum end points)

- Learn about the **Stone Age, Bronze Age, and Iron Age** and put them in the right **order** (chronology). Find out how people made better **tools**, started **farming**, and built **settlements**. Learn how **hunting** and building **shelter** helped people survive and live together.
- Learn about important **inventions** like using **fire**, making **metal tools** from **bronze** and **iron**, and creating **pottery**. Find out how **cave art** and **burial** show what people **believed** and how they lived in the past.
- Learn to **classify** rocks by their **properties** (what they are like). Find out how **igneous, sedimentary, and metamorphic** rocks are **formed**, and how rocks are **used** in buildings and everyday life.
- Learn how **fossils** are **formed** and how they tell us about **living things** from the past. Find out that **soil** is made from **weathered rock** and **organic matter**, and that soil is important for **plants** and **growing food**.
- Learn what **plants** need to grow and stay **healthy**, including **water, light, and nutrients**. Find out about the **parts of a plant** (roots, stem, leaves, flowers) and what they do. Learn how **water** is **transported** in plants and why **pollination** and **seed formation** are important for new plants to grow.
- Learn how people in the **Bronze Age** and **Iron Age** lived in **settlements**, built **hill forts**, and used **trade**.

### Vocabulary

Plant parts, root, stem, leaf, flower, petal, seed, water, light, nutrients, soil, air, plant functions, grow, reproduce, transport, support, life cycle, seed, seedling, plant, flower, fruit, pollination, pollen, insect, wind, seed formation, water transport, water, roots, stem, leaves, transport

Rocks: Igneous, Sedimentary, Metamorphic, Mineral, Permeable, Durable, Erosion, Weathering  
Fossils: Fossil, Sediment, Decay, Imprint, Preservation, Paleontology  
Soil: Organic matter, Humus, Topsoil, Subsoil, Bedrock

- Chronology: Timeline, Period, Era, Prehistory, Stone Age, Bronze Age, Iron Age
- Stone Age Tools and Technology: Flint, Axe, Spear, Fire, Shelter, Agriculture
- Bronze Age: Metalworking, Alloy, Trade, Hillfort
- Iron Age: Iron, Fortification, Tribe, Settlement
- Cultural Advances: Ritual, Burial, Archaeology, Cave art