Th

Questions

How do seeds germinate and what happens?

What happens when bulbs sprout?

What do plants need to thrive and be healthy?

What can happen if plants don’t get the things they need?

What do I notice about plants around the school? Are they healthy? Are they unhealthy?

**Key Vocabulary**

|  |  |
| --- | --- |
| **Tier 2** | **Tier 3** |
| wither | germination |
| dormant | perennial |
| mature | carbon dioxide |
| anchor | glucose |
| sustain | clone |
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**Big Ideas/Substantive Concepts**

Growing from a seed

Growing from a bulb

Healthy plants

Show what you know

Pupils should be taught to:

* observe and describe how seeds and bulbs grow into mature plants
* find out and describe how plants need water, light and a suitable temperature to grow and stay healthy

Year 2 Plants

**Resources:** [CUSP curriculum](https://www.unity-curriculum.co.uk/history/history-ks2/) and [Curriculum vision](https://www.curriculumvisions.com/indexHistory.html) resources for online non-fiction texts

Making connections to prior learning

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| --- |
| **EYFS: “The Natural World”**  Explore the natural world around them, making observations and drawing pictures of animals and plants.  Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.  **Year 1:**  Animals and living things  Use of everyday materials  Plants  **Year 2:**  Animals, including humans  Use of everyday materials  Living things and habitats (revisit) |

Working Scientifically

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| --- | --- | --- |
| Asking simple questions and recognising that they can be answered in different ways | Observing closely, using simple equipment | Performing simple tests |
| Identifying and classifying | Using their observations and ideas to suggest answers to questions | Gathering and recoding data to help in answering questions |

**Outdoor Learning Opportunities**

Alfresco Learning: “Year 2 Plants”