


The scented garden – Knowledge Organiser – Year 2 - Science

Key facts to learn	
All plants go through a life cycle – seed, grows into a plant, produces seeds, dies.	
Some plants can be eaten. Other plants are harmful to people.	
Plant parts consist of roots, a stem, a flower and leaves.	
Plants use sunlight to make their own food.	
Plants need light and water to grow healthily.	
Food can be categorised into different groups. A healthy diet contains all these food groups.	

Vocabulary

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| <ul style="list-style-type: none"> • Life cycle – a series of changes living things go through. • Plant - a large group of living things that use sunlight to make their own food. Most plants have leaves, stems, roots and either flowers or cones. Grasses, trees, vines, vegetables, cactuses, ferns and mosses are plants. • Seed - a tiny developing plant that is enclosed in a protective coat usually along with a supply of food and that is able to develop under suitable conditions into a plant like the one that produced it. • Stem - the stem is the main structure of a plant that supports leaves and flowers. • Roots - the roots of a plant grow underground. Roots help to keep the plant from falling over and gather water and minerals from the soil. | <ul style="list-style-type: none"> • Leaves - leaves come in many different shapes including long skinny needles that are found on pine trees. • Flower - a flower is the part of a plant that blossoms. Flowers produce the seeds that can become new plants. • Petal - the brightly coloured outside part of a plant. • Fruit – a usually sweet food (such as a blueberry, orange, or apple) that grows on a tree or bush. Fruits contain seeds. • Vegetable – The other edible parts of the plant (like stems, flower buds, leaves). • Carbohydrate – Foods that give you energy, such as potatoes, bread, rice, pasta. • Dairy – Food that that provide calcium, such as milk, cheese, yogurts and cream • Protein – Food that stops you becoming poorly, such as beans, eggs, meat and fish. |
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