

The Knowledge

Supporting the National Curriculum



Ardleigh Green Learning Federation

The Enchanted Woodland



Year 1

Working Together, Learning Together, Growing Together

Knowing More

Remembering More

Learning More

Key People



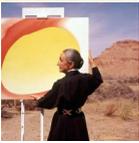
- George Bentham was an English botanist who donated 100,000 plants to the Royal Botanical Gardens.



- Claude Monet was a famous artist who based many of his paintings on gardens



- David Douglas was a Scottish botanist



- Georgia O'Keeffe was an artist known for painting enlarged flowers

Key Dates

- George Bentham was born
- David Douglas brought more than 200 plants to the UK
- William Lobb introduced the giant redwood
- Claude Monet painted 'The Artist's Garden at Giverny'
- Georgia O'Keeffe painted one of her most famous paintings 'Oriental Poppies'

1800

1826

1843

1900

1928

Key Facts

- Plants provide food for many animals, including human beings
- Some plants use small animals and birds to spread their seeds others use the wind
- Plants need sunlight, water and the right temperature to grow
- Plants make oxygen which helps humans and animals breathe
- A plant starts as a tiny seed, the roots and shoots grow out of the seed and then the plant begins to grow upwards
- There are many different groups of animals: amphibians, reptiles, birds, fish and mammals
- Some animals eat meat, some eat plants and others eat both

Key Vocabulary

1. **Stem** : like the spine of the plant, it holds it upright and transports water around the plant
2. **Roots**: sit in the soil and support the stem. The roots also suck up water and nutrients to keep the plant healthy
3. **Leaves**: make food for the plant using carbon dioxide and sunlight
4. **Petals** : attract insects who bring pollen which helps to make seeds
5. **Pollination**: the moving of pollen from one plant to another to help it reproduce
6. **Deforestation**: clearing or cutting down of forests
7. **Carnivore**: an animal who eats meat
8. **Herbivore**: an animal who eats plants
9. **Omnivore**: an animal who eats meat and plants

Test Yourself

- What are the four name parts of a plant?
- What is the job of the stem?
- What conditions do plants need to grow?
- How do plants reproduce?
- What types of food can humans get from plants?
- What part of the plant collects water and nutrients?
- Which part of the plant grows first?
- What is a carnivore, omnivore and herbivore?
- What different groups of animals are there?
- What are the names of 2 artists who painted different types of flowers?

Texts to Read

