

Year five topic homework

To be handed in on Tuesday 2nd June.

Plants

In science this term, we are learning all about plants and habitats.

Choose from the list below for your next homework project

- Parts of the flower and reproduction in plants. Draw a diagram of a flower and label on the main parts: Stigma, Stamen, Pollen, Ovary, Petals, Stem, explain what each part of the flower does. You could make your own flower poster showing this information.
- Pollination. Explain how this process works, you could present your findings as a flow chart describing a day in the life of a bee.
- Grow a plant (beans work well) and keep a **2-3 week observation diary**. Record: Height measurements, changes in leaves, amount of water given, drawings or photos. Add a conclusion about what plants need to survive.
- Make a mini biome. Create a 3D model of a biome (for example, rainforest, desert, ocean, woodland, grassland, tundra).
Include: At least 3 plants (flora) and 3 animals (fauna), labels explaining how each plant/animal survives there.
- Habitat comparisons. Compare two different habitats (e.g., desert vs rainforest). You could create: a Venn diagram, a comparison table or a fact file.
Include climate, plant types, rainfall, and adaptations.
- Grow some cress heads. Keep a diary over the course of 10 days. Describe your observations using scientific vocabulary.



- Create a project showing the **life cycle of a plant** (e.g., bean plant, sunflower, apple tree). You could include: seed, germination, seedling, mature plant, flowering, pollination, seed production. You could present this as a poster or a booklet.