

If found please return to in B..... so I can do my homework! :-)

Plants and Biotechnology Project - Homework Options

For weeks 1-3 choose the homework that suits you best. You can email work to or hand in your book when asked.

Week 1 (DATE - DATE) - All About Photosynthesis

- Write the story of "The Exciting Adventures of Clara Chloroplast". Change the name if you like, but make sure the story includes plenty of detail about photosynthesis.
- Produce a PowerPoint, MovieMaker or Flash Animation about photosynthesis.
- Make a colourful leaflet aimed at year 7 pupils to help them learn about photosynthesis. Include a quiz or crossword that they could do as homework.

Week 2 (DATE - DATE) - How is a Leaf Adapted to do Photosynthesis?

- Make a model leaf (or interactive PowerPoint) with labels showing the main parts and how they help make photosynthesis happen quickly.
- You and your helicopter have been put in a shrinking machine. You are now the size of a speck of dust so you can fly inside a leaf to see how it is adapted to do photosynthesis quickly. Describe your journey and your observations.
- In your own words, describe how the main parts of a leaf help photosynthesis happen quickly.

Week 3 (DATE - DATE) - Biofuels and Bioplastics

- Your local MP wants to know more about biofuels and bioplastics. Choose one of these and write to him explaining what they are and how they are better for the environment.
- Find out how bioplastics can be made and compare the time taken for normal plastic and bioplastic to biodegrade.
- Produce a poster, PowerPoint, MovieMaker or Flash Animation about bioplastics or biofuels.

Week 4 (DATE - DATE) - Presentation Preparation

Use the homework time in this week to prepare for your group's class presentation.