

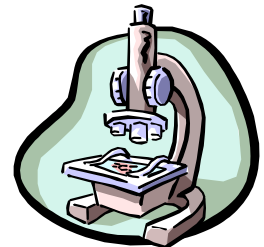
Fungi or Bacteria!

Crest Award Project - 55

Brief Background

The earliest, documented reports concerning the exploitation of enzymes are dated in the late 1820's but the true industrial application of enzymes only began in earnest in the 1960's. The majority of enzymes, used in industrial/biotechnological applications are derived from particular *fungi* and *bacteria*. Enzymes are commonly used in detergents, clotting of cheese, flavour control, biomedical, baking and brewing.

Your Task



For your CREST investigation we would like you to:

1. Investigate the industrial use of enzymes. How and why enzymes are used in industry?
2. You might wish to discover the various types of enzyme available and their uses, to visit or consult a local brewery, obtain information from yoghurt makers or The Dairy Council, investigate biotechnology, look at the web.
3. Gather as much scientific information as possible and tabulate your results.
4. Produce either an illustrated report or a Power Point demonstration, showing your findings.
5. Complete a CREST profile to the satisfaction of your teacher.

