



A Level Biology Induction Assignment: Water water everywhere! (Mrs Nichols)

Introduction

Water is a vital biological molecule. Although it is small, it is liquid at normal temperatures making it a polar solvent, it is less dense when frozen, is slow to absorb and release heat and an excellent transport medium, among other properties. It is an important component for biochemical reactions such as photosynthesis and essential to all living organisms on Earth.

Your task: the structure and function of water in living organisms

Research the structure and properties of water.

Produce a report that:-

- a. Describes the structure of water and how hydrogen bonding occurs between water molecules
- b. Relate this, and other properties of water, to the roles of water in living organisms (a detailed account)

Produce a thoroughly-researched, referenced report of your findings.

Structure your report as follows:

- Introduction
- Sections for each aspect of your research
- Use headings to organise your work
- If you use images and data, remember to say where you got your information
- Conclusion
- Final section should be a bibliography – essentially a list of all the information sources you used (electronic and paper-based).
- You should format your bibliography using the Harvard referencing system. Use this link to find out more: <http://libweb.anglia.ac.uk/referencing/harvard.htm>

Work due in: First Biology lesson in September