Human Biology Year 12

Memory Investigation

Introduction

Short term memory (or "primary" or "active [memory](http://en.wikipedia.org/wiki/Memory)") is the ability to hold a small amount of [information](http://en.wikipedia.org/wiki/Information) in the [mind](http://en.wikipedia.org/wiki/Mind) in an active, readily available state for a short period of time. The duration of short-term memory is believed to be in the order of seconds.

Aim

To find if year 12 female students have a better short term memory than year 12 male students.

Requirements.

You will be expected to plan, carry out and write up a scientific report on this topic. You may work in groups of 4 and/or use data collected by both of the year 12 Human Biological Science classes. Each student will hand in their own final write up. The final report you hand in must contain all the **steps** required for scientific investigation. All variables must be stated. Any methods used to reduce error must also be stated. A raw data table and suitable graph of results must also be includedThere will be a validation on the report after the investigation’s completion.

Time

You will be given one period in class to plan the investigation. You will be given two periods in class to carry out and collect results for the investigation. You will be given one week to complete the write up of the investigation in your own time.

Equipment

You will need to decide on this.

References

In this investigation it would be a good idea to have a look at some suggestions online on how to measure short term memory. You should list **two** references in a bibliography using the correct format.

Due date of report=

Value of write up=15%

Value of validation=5%