

Explaining Mathematics
Science One Mathematics Lab
Due: 13 April 2010

Goal: You are to choose a mathematical concept from anywhere in the Science One curriculum (including the labs) and explain it to your peers.

The modes of explanation available to you are:

1. produce a short video of not less than 5 minutes and not more than 10 minutes that is in a format suitable for posting on the web;
2. produce a computer program that demonstrates the concept;
3. produce a web page that explains and illustrates the concept.

Notes:

- Your explanation may include a demonstration, illustration through examples, or any other creative ideas you have.
- You will be marked on (1) correctness of the mathematics, (2) clarity, (3) quality of the presentation, (4) appropriateness of the level of presentation, and (5) how engaging your project is to your audience. We may use peer evaluation to determine (5).
- You may work in groups of size 1 to 4.
- This project is worth 4 marks on your final Science One grade.