

Agenda:

- 1. Educational philosophy
- 2. The website
- 3. Types of projects
- 4. Logistics, timetabling and assessment
- 5. Evaluation

The Biosciences Project Inventory

- http://sbsweb2.bio.ed.ac.uk/group projec ts/node/24
- Or Google: Biosciences, project, inventory

Types of projects:

Field and lab-based



"Find-out-about"



Topics of projects

- Biodiversity, conservation and management
- Environmental effects of anthropogenic activities
- Human nutrition, food supplements and hygiene
- Agriculture and animal welfare
- Medical and social issues

Each project entry includes:

- Project Description
- Research Guidance
- Starter References
- Additional information

Safety issues

Contact details

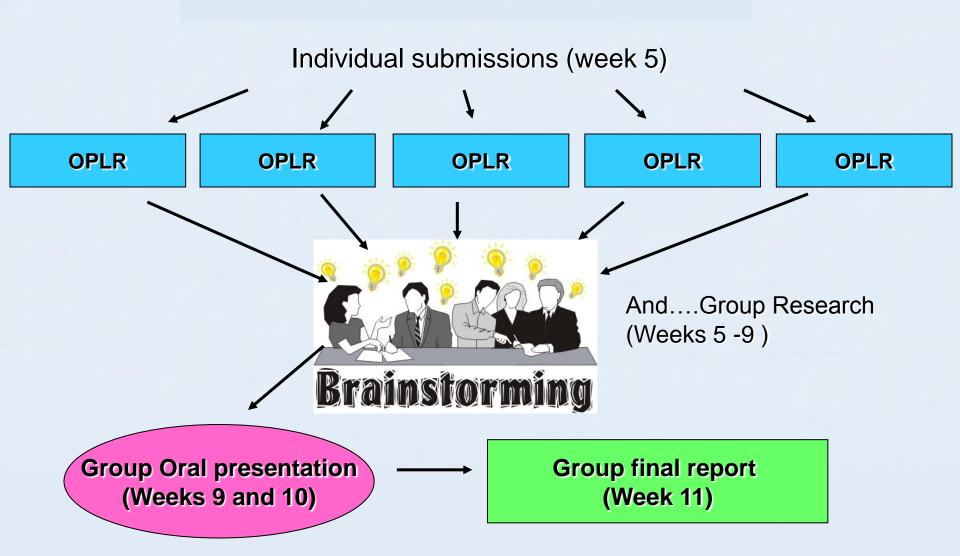
Gallery links

Logistics of the exercise

- About 30 of the listed projects are offered each year.
- Students are divided into groups of 4-6.
- Each group submits a shortlist of 4 choices from the list.
- Topics are allocated.
- Each student works independently to produce Outline Proposal and Literature Review – in which they must ask questions and suggest ways of researching them. They have 10 working days for this.
- Group Research (4 weeks)
- Oral Presentation
- Final Report

Group chooses project short-list (weeks 1 and 2)

Topic decided (week 3)



Oral presentation

A staged debate

A theatrical presentation

Group effort: every one says their bit



Refreshments are served!



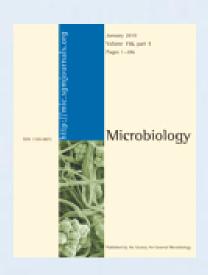


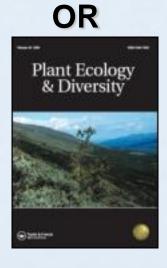




Final report (one per group) to be modelled on:







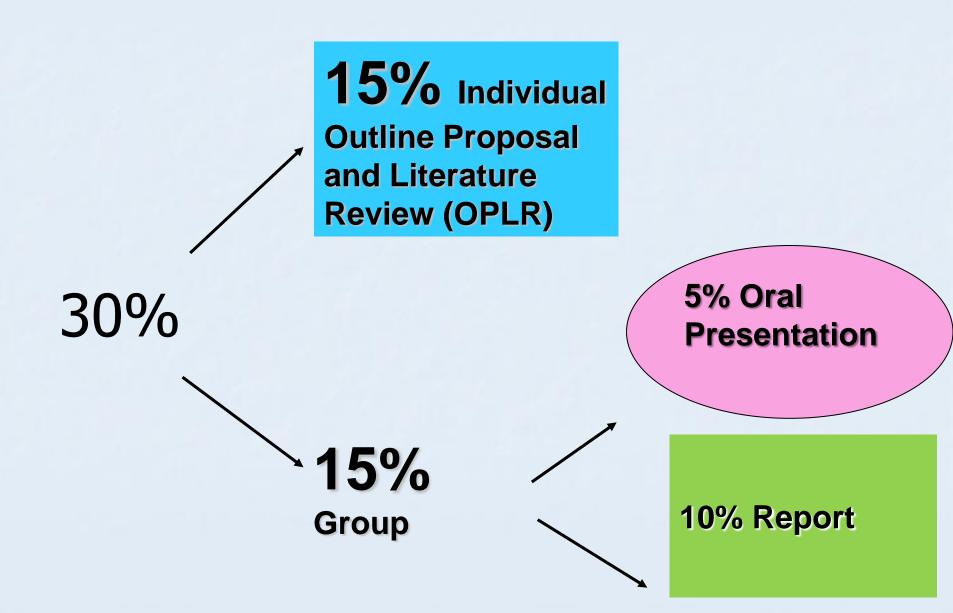


etc.....

Parliamentary Post Notes

 http://www.parliament.uk/documents/post/ /postpn 376-natural-capitalaccounting.pdf

Assessment





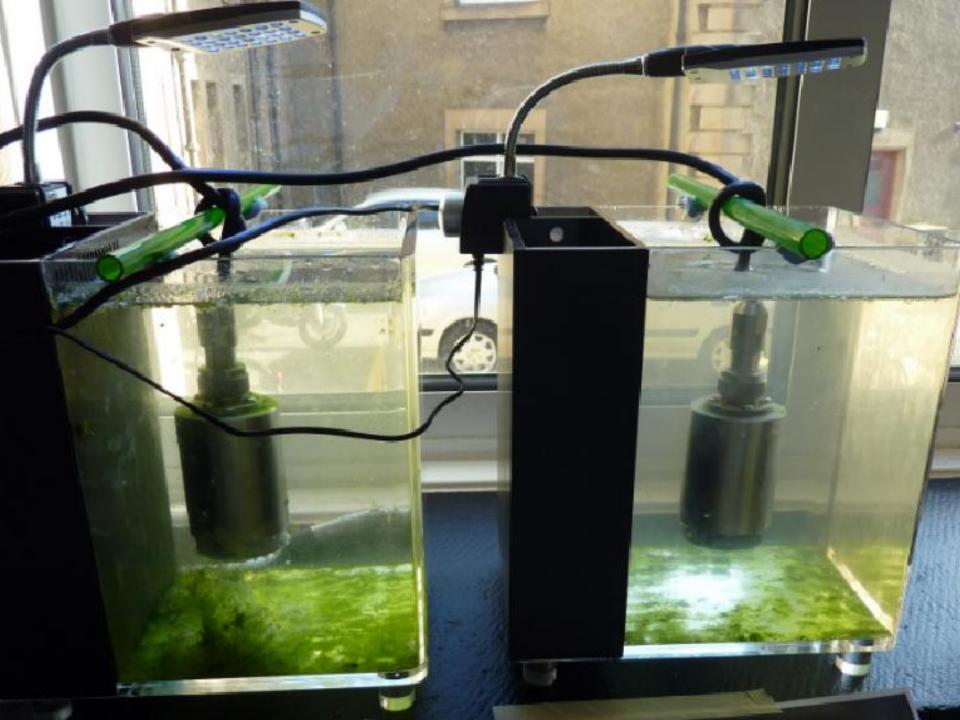














Fern sporebank at RBGE











Questions, not just answers



What employers want....

A degree on its own is not usually enough to get a job. Employers want students to demonstrate that, in addition to formal qualifications, they have the skills and qualities that they are seeking.

These skills would include

- self awareness
- taking initiative
- team working
- oral presentation skills
- interpersonal skills
- business acumen
- computer literacy

http://www.uwe.ac.uk/careers/students/skills/skills_index.shtml

Some quotes:

- "The group project was very interesting and it allowed us to bond with different people with similar interests and find out information for ourselves."
- "The group project was a great way of gathering together ideas and allowing students to express themselves or use their skills in a novel situation."
- "The best thing was the hands-on approach to learning through project work."

....and some quotes from the contacts:

- "We were very impressed by your students and particularly their level of knowledge and questions."
- "It was lovely to see you and your students today. They were such an impressive bunch! I had no idea we had been out so long."
- "Wow! They asked such searching questions!"

Was the group investigative project educationally valuable?

Year	It was an excellent experience	Very much	Fairly	A little	Not very	Total
2007	4	17	1	1	1	24
2008	31	14	2	1	1	49
2009	23	25	2	0	1	51
2010	22	39	8	1	1	71
2011	8	14	5	4	0	31
Total	88	109	18	7	4	226

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