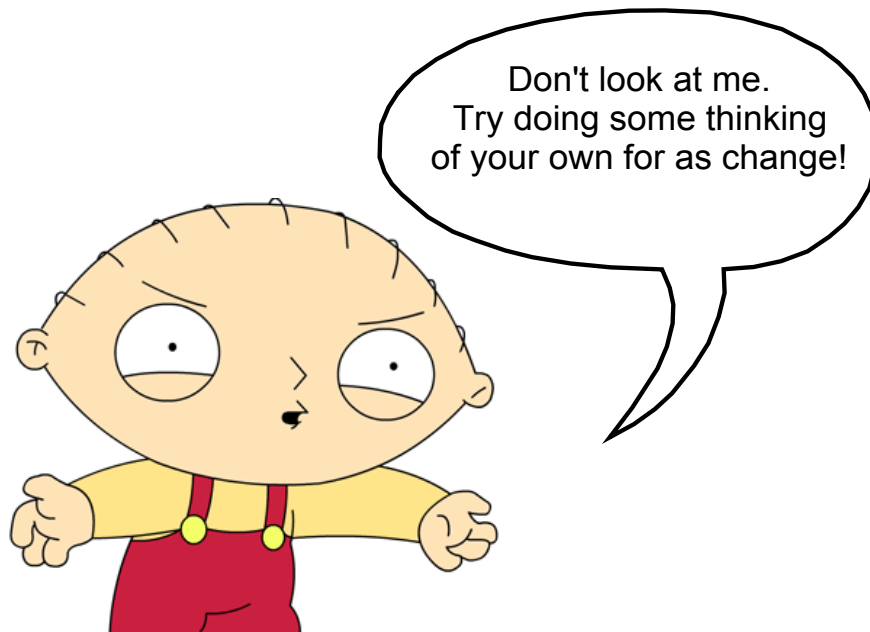




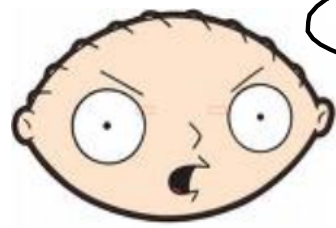
What kinds of questions do Biologists ask?

What kinds of questions do Biologists ask?

- Why?
- What purpose does acne serve?
- global warming
- grasshoppers - peaks & valleys

Ligers

Do what the Stewie head says....



Do This!

The breadth of biology can be studied by considering a variety of categories. In groups of 3, do a little research and **brainstorming** to carry out the following tasks.

a) Define the term biology.

b) Using a dictionary, have your group generate a list of 15 “-ologies” directly related to biology and write a brief description for each. I’ll be nice and give you one: Primateology – the study of primate (monkeys and apes) anatomy and behavior. Next, list places or activities in Canadian society where an understanding of biology or some of the “ologies” may be utilized for fun, benefit, profit or interest.

c) Each person should go to the library or elsewhere, with teacher permission, to collect examples of information which:

- 1) contain clear and concise explanation, and
- 2) have appropriate documentation about the many diverse topics associated with biology and where a knowledge of biology would be useful. You will be expected to share the information with the two other people in your group. (Career information might be gathered at the same time.)

d) Back in class the students should do the following:

- The three individuals in the group should share the information that they collected.
- Each person should write a 2-3 page report* (but I would much rather it be 2 pages!!) entitled **"One View of the Breadth of Biology"**. This report should demonstrate the breadth of biology as seen by the members of the group. There does not need to be any documentation for this 2-3 page summary. **I will, at random, collect one of the 3 reports and allocate a mark that will be shared equally by all group members.** (Oral reports or other methods might be used.)

Evaluation

For each "-ology": 1/2 mark for the name and 1/2 for the description. Maximum 15 marks.

Evaluation for the report: 1/2 mark for each situation where a knowledge of biology would be useful in other areas of society. Maximum - 10 marks.

Each 1/2 mark item should be accompanied by a concrete example, each for an additional 1/2 mark.

Total for the exercise - 35 marks.

*2-3 pages typed. Not 2-3 pages hand written in jumbo letters on half a napkin you found on the floor. As a reference, there are about 380 words on this page. Use that as a bench mark. Answer in full sentences, not in point form.