Exploring Careers in Biotechnology

# Task

Your task is to become a career recruitment officer for potential employees in the field of biotechnology. You will collect information about your career and present this to your class in a visual presentation (Power Point). Your overall task is to “sell” your career to your class members! You will present this information the last day of shop this week. Put that date below this paragraph.

# Choosing a Career

You may choose a career from the list provided, or you may choose one of your own. Career choices will be given out on a first come first serve basis, so as soon as you have chosen the career you wish to research, let your teacher know.

# Required Information

You will need to research and present the following information:

* Name of Occupation
* Job Description
* Job Responsibilities
* Salary Range
* Education Required
* Where you can go to study
* Length and cost of study
* Any technology used with this career and how it is used
* Potential employers
* Pros/cons to career and path
* Exciting reasons why this career should be chosen
* Personal reflection on career

\* Be prepared for a question and answer period at the end of your presentation.

# Bibliography

You will be required to hand in a bibliography of all the resources you used. For accurate research, a combination of sources (i.e., books, Internet, newspaper, interviews, etc.) should be used. Your bibliography should be no more than 1 slide on your presentation and must contain at least 2 sources (one source must be an interview). You will use the APA bibliography format.

# Visual Presentation

The visual presentation should be created with software such as Microsoft PowerPoint. Your visual presentation should be a **minimum of 10 slides**. Only key information should be written on your slides, to give the reader a quick idea of you’re talking about. More detailed information will be given during your oral presentation. You want to add relevant pictures, links, or transitions to make your presentation more effective.

**Cautions:** Too many transitions can cause your presentation to be confusing, distracting, and annoying. Dark backgrounds should have light writing and light backgrounds should have dark writing. Images should be used only with permission of the owner or creator. Your presentation should be both appealing and professional.

# Mandatory Class Presentation

Your class presentation should be 3-5 minutes long. Your presentation should be interesting and you need to be enthusiastic. Remember you are trying to captivate interest for this career. You may use index cards if needed.

During the presentation, you will be required to present all requested information. Your presentation is your only opportunity to provide your evaluator with any information.

# Assessment

You will be marked by a rubric and an observational checklist, which is attached. Refer to this rubric before you start your project, while you are working on your project, and when you are finished. We will use the same rubric to grade you. Double check to make sure you are getting the best possible grade. You must submit a self-grade at the end of your presentation (the rubric filled out by you).

# Possible Career Choices

* Bioinformatician
* Biomedical Engineer
* Laboratory Technician
* Clinical Research Associate
* Quality Control Analyst
* Senior Research Scientist
* Biotechnology Sales
* Pharmaceutical Sales
* Biotechnology Research Associate
* Academic Research Associate
* Industry Research Associate
* Crime Lab Technician
* Quality Control Engineer
* Validation Technician
* Animal caretaker
* Animal technician
* Forensic DNA Analyst
* Greenhouse technician
* Field technician
* Instrumentation technician
* Calibration technician
* Laboratory Assistant
* Laboratory automation specialist
* Laboratory support worker

All of these careers listed have many subcategories and cover a wide variety of topics. You may choose to specialize even further, i.e. biofuel scientist, academic research associate in neurogenetics…So many options!