**AP Biology: Career Project**

While you may not necessarily pursue a biology major in college or seek a biology-related profession, it is important to understand the myriad of opportunities that are based in the life sciences.

1. Choose your career. Use the examples below to get you thinking.

My chosen career is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Genetics**

Genetic Counselor

Bioinformatician

Laboratory Technician

Forensic Scientist

Patent Lawyer

Bioethicist

Bioengineer

**Research**

(Paleo-) Zoologist

(Paleo-) Botanist

Archeologist

Pathologist

Marine Biologist

Herpetologist

Entomologist

**Medicine**

Nurse (RN)

Physician’s Assistant (P.A.)

Physician (M.D.)

General practitioner

Specialist

Pharmacist

Veterinarian

1. Create a presentation that addresses the following questions/topics about your career. It may help to take on the point of view of someone who is currently in this profession or is recruiting for this type of position.
   1. What are the education and training requirements of your profession?
   2. What colleges/universities offer programs in your field of study? Consider not only what schools are local but also whose programs are the most prestigious.
   3. What is the average salary (per year) for your career?
   4. What are the employment projections for your field for the next 5-10 years (after you would graduate from college/training)?
   5. Where do people in this field live and work? Describe not only what kinds of companies/organizations hire people in your profession, but also in what cities you could expect to find work. Be sure to consider job opportunities locally!
   6. Many researchers and professionals join organizations or associations with others in their field to set guidelines for career paths and to provide mentorship and guidance to people new to the field. These organizations are also reliable sources of information about that particular career. Describe at least ONE professional organization/association with members in your chosen career.
2. Create a resume using the information you have gathered about your chosen career. You will need to find a REAL JOB OPPORTUNITY in your field and design a resume for yourself as if you were going to apply for the position. Your resume should be professional in appearance and include the following sections. Your resume should be limited to ONE PAGE (not front and back).
   1. Personal information (name, address, phone number, email address – these can all be hypothetical except for the name).
   2. Work experience
   3. Education/training
   4. Certificates/licenses
3. In total, you will turn in the following items as part of your project:

* Presentation (if digital, email or save copy to teacher PC)
* Resume
* Copy of web page with job listing for which your resume could be used.
* Reference page with at least FIVE credible sources in APA format. The job listing does not count as one of your sources!

**RUBRIC**

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| --- | --- | --- | --- | --- | --- |
|  | **Score** | | | | |
| **Criteria** | **5** | **4** | **3** | **2** | **1-0** |
| **Presentation Content (x2)** | **All 6 required content items are addressed.** | **5 required items are addressed.** | **4 required items are addressed.** | **About half of the required items addressed.** | **Less than half of the required items addressed.** |
| **Presentation Accuracy (x2)** | **All components are thorough and accurate.** | **Most components are thorough and accurate** | **Some required components lack detail and/or are inaccurate.** | **Many required components lack detail and/or are inaccurate.** | **Most required components lack detail and/or are inaccurate.** |
| **Resume Content (x2)** | **All 5 required content items are addressed. Formatting is correct and professional.** | **4 required items are addressed. Formatting is correct and professional.** | **3 required items are addressed. Formatting is somewhat correct.** |  | **Less than half of the required items addressed. Formatting is incorrect.** |
| **Effort** | **Project clearly demonstrates thoughtful effort.** |  | **Project demonstrates satisfactory effort.** |  | **Project demonstrates a lack of effort.** |
| **References** | **5 or more references in APA format from credible sources.** | **4 references in APA format from credible sources.** | **3 references in APA format from credible sources.** | **2 references in APA format. Some sources may not be credible.** | **References insufficient or missing. Sources are not credible.** |
| **TOTAL** | **\_\_\_\_\_\_\_\_\_/40** | | | | |