

Genetics Community Research Project - Makeup Assignment

Learning Goals: Students will gain a deeper understanding of how principles of genetics are used in various career fields in Washington County, Utah.

Question: How do members of our community use principles of genetics in their jobs?

Project Task: You will choose ONE career field from the list below that utilizes genetic principles we have learned about in class (traits, punnett square, pedigrees, selective breeding etc). You will research this career to answer the questions below.

1. Do online research into ONE of the following careers:
 - a. Genetic Counselor
 - b. Cancer Researcher
 - c. Farmer
 - d. Rancher
 - e. Forensic Investigator

2. **Describe the following and give the websites you used to find the information**
(you must have at least 3 different websites listed)

1. Describe the career field you were assigned to research. Write at least 3 complete sentences.

Website(s) used:

2. Give a detailed description of how genetics is used in that career. Write at least 3 complete sentences.

Website(s) used:

3. Describe how genetics changed that job in the last 2 years. Write at least 3 complete sentences.

Website(s) used:

4. Describe the skills or education necessary for that career. Write at least 2 complete sentences.

Website(s) used:

3. Create a Google Slide Show

Create a Google Slide show presentation to share your information. The slide show must have at least 6 slides. Share your slide show with Mrs. Stant. My email address is jessica.stant@washk12.org

Slide 1: Title Slide

Slide 2: Answer to question 1

Slide 3: Answer to question 2

Slide 4: Answer to question 3

Slide 5: Answer to question 4

Slide 6: References (list the websites you used - at least 3)

Your slide show should have at least one picture on each slide.

Scoring Guide

Area	Points
Background research	
Question 1 _____/3	
Question 2 _____/3	
Question 3 _____/3	
Question 4 _____/2	
Websites Listed _____/3	Total _____/14
Slide Show	
Slides with pictures _____/6	
Information _____/4	
References _____/1	Total _____/11
Total	_____/25