

Name _____ Class _____ Date _____

Women in Science Research Project

Overview:

Women have made many contributions to our understanding of science. For this assignment, you will work in pairs to research a famous woman scientist and create a poster or PowerPoint/Google Slide Show that highlights their background, their work and their contributions to our understanding of science.

There are many women suggestions.

- Alice Ball- African American nurse who discovered a process for separating oil from the fat in the blood of people with leprosy.
- Chien-Shiung Wu- Physicist who discovered the process of beta decay.
- Dian Fossey- Primatologist who studied the behavior of gorillas in the wild.
- Dorothy Hodgkin- Chemist who determined the molecular structures of penicillin and vitamin B12.
- Grace Hopper- Computer scientist who coined the term "debugging" and was the first person to use the term "computer bug".
- Jane Goodall- Primatologist and anthropologist who studied the behavior of chimpanzees in the wild.
- Marie Curie- Physicist and chemist who discovered the elements polonium and radium and was the first woman to win a Nobel Prize.
- Rosalind Franklin- Physicist who discovered the structure of DNA.
- Sally Ride- Astronaut who was the first American woman in space.
- Tu Youyou- Pharmacist who discovered the malaria drug artemisinin.

As you research your scientist - you will need to find the following information that will be included on your project.

1. Birth and Death Information.
2. Education.
3. Career Path.
4. Other interesting background information.
5. Their field of science.
6. How their research benefitted our understanding of science.
7. Challenges this person faced.
8. Would you like to follow in their footsteps?
9. Any other important information.
10. Completed self-assessment.

Women in Science Research Project: self-assessment

Name: _____

Self-Assessment Grade: _____

Justification: _____

Student Signature: _____

Date: _____

Agree/Disagree: _____

Facilitator Assessment: _____

Comments: _____

Facilitator Signature: _____

Date: _____

Objectives Completed	10-9 Objectives Completed	8-6 Objectives Completed	5-4 Objectives Completed	3 or Less Objectives Completed
	70 Points	60 Points	40 Points	0 Points
Effort	Outstanding Effort	Good Effort	Needs Improvement Effort	Unsatisfactory Effort
	20 Points	15 Points	10 Points	0 Points
Self-assessment	Self-assessment completed: Including grade and justification	Self-assessment partially completed	Self-assessment not completed	
	10 Points	5 points	0 Points	