

Careers in Biology

Grades: 2-5

NGSS: ETS1:B Developing Possible Solutions

Subject: Biology
Research
Compare and
Contrast

Skills: Researching and organization

Materials: *Women in Biology/Las mujeres en la biología*, worksheet

BACKGROUND

All of the women featured in *Women in Biology/Las mujeres en la biología* are biologists. They all study living organisms, but different organisms at that. This is because there are several branches of biology, such as botany and cell biology, which means there are a variety of career paths for biologists. Below is a list of just some career paths/jobs for biologists:

Zookeeper
Animal Caretaker
Veterinarian
Environmental Consultant
Scientific/Medical Writer
Biology Teacher
Research and Laboratory Technician
Medical Doctor

Surgeon
Medical Sales Representative
Nurse
Dentist
Physical Therapist
Forensic Scientist
Food and Drug Inspector
Pharmacologist

ACTIVITY

1. Read *Women in Biology/Las mujeres en la biología* to your students, as well as the background information above.
2. Have students choose and research two careers from the list above. Tell them they should take notes on how the two careers are similar, and how they are different. Some categories to pay attention to are educational requirements, skills needed, and branch of biology.
3. Tell students to fill out the template, provided in this lesson, to compare and contrast the two careers.



DISCUSSION

Ask your students why they chose those two particular careers. What did they find that was similar between the two, what was different? What did they like or dislike about both careers? Do they think either career is one they would want to pursue when they grow up?



This activity is excerpted from the Teacher's Guide to:
Women in Biology

Hardback: 978-1-945779-09-1

Paperback: 978-1-938492-30-3

eBook: 978-1-945779-12-1

Las mujeres en la biología

Paperback: 978-1-938492-07-5

eBook: 978-1-938492-29-7

Also enjoy *Women in Chemistry* and *Women in Physics*,
available in English and coming soon in Spanish.
Watch for more titles in the *Science Wide Open* series!

For more great free education resources,
visit us at ScienceNaturally.com



Sparking curiosity
through reading

Feedback Welcome.

Please send to Info@ScienceNaturally.com

Name _____ Date: _____

Compare and Contrast: Careers in Biology!

_____ and _____ are similar because...

_____ and _____ are different because...
