

Matching Biologists

Grades: K-2

NGSS: LS1.A: Structure and Function; LS1.D: Information Processing

Subject: Biology
Collaboration

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

Skills: Identifying, sorting
memorizing, problem solving

BACKGROUND

Now that your students have read *Women in Biology/Las mujeres en la biología*, they should have a good understanding of the women featured in the story, as well as their accomplishments.

Explain to your students that teamwork/collaboration is working with other people cooperatively to accomplish the same goal. Scientists work together sometimes to find cures to diseases and make a diagnosis, among other reasons.



ACTIVITY

1. Read *Women in Biology/Las mujeres en la biología* and be sure to point out the women's hometown, name, and accomplishment. Tell the students to remember these important points for a worksheet they will fill out later. Also, go over the background information with your students.
2. Pass out the worksheet, provided with this lesson, and allow students time to match the female biologists with their hometown and accomplishment. They can work in pairs or in groups to brainstorm their answers.
3. When all of the pairs/groups have completed the worksheet, go over the answers with the students.

DISCUSSION

Ask the students what clues lead to their answers. Why did they choose to match certain answers together? Also ask them what it was like to work as a team. Was it helpful to work together to find the answers? What are the advantages to working in teams? Ask the students if they think scientists work together, and how.



ACTIVITY ANSWERS

Frankfurt, Germany; Maria Sibylla Merian; Created incredibly detailed and beautiful drawings of insects and plants that are used in the Linnaean system.

Washington, USA; Linda Buck; Discovered that nose cells have tiny message receivers called receptors that help people smell.

Connecticut, USA; Barbara McClintock; Discovered and named jumping genes and transposons.

Bermersheim vor der Höhe, Germany; Hildegard of Bingen; Found out that water needs to be cleaned before people drink it to prevent them from getting sick.

New York, USA; Jane Cooke Wright; Observed how medicines affected cells, which helped pick the best treatments for patients.



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.

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through reading

Feedback Welcome.

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Name: _____ Date: _____

Match the female biologist to her fascinating discovery and humble hometown!

Hometown	Name	Discovery
Frankfurt, Germany	Hildegard of Bingen	Observed how medicines affected cells, which helped pick the best treatments for patients.
Washington, USA	Jane Cooke Wright	Created incredibly detailed and beautiful drawings of insects and plants that are used in the Linnaean system.
Connecticut, USA	Maria Sibylla Merian	Discovered that nose cells have tiny message receivers called receptors that help people smell.
Bermersheim vor der Höhe, Germany	Barbara McClintock	Discovered and named jumping genes transposons.
New York, USA	Linda Buck	Found out that water needs to be cleaned before people drink it to prevent them from getting sick.