



WILD CLASSROOM

Conservation in the Classroom

Celebrating Women in Science

February 9, 2023

1:30 pm ET / 10:30 am PT

Recommended grade levels: 4–8

Watch live on [Conservation in the Classroom](#)

View recording on the [Wild Classroom YouTube channel](#)



Alexis Will, marine biologist

Elisabeth Kruger, Arctic conservationist



Alexis Will is a marine biologist whose work focuses on protecting seabirds around the Arctic. Her team member, Elisabeth Kruger, works with communities and scientists to learn about Arctic marine mammals and help make sure their populations stay healthy far into the future. In honor of International Day of Women and Girls in Science on February 11, join us as Alexis and Elisabeth share some of their favorite experiences in the science field protecting Arctic wildlife, what science means to them, and what interesting research they are looking forward to working on in the future.

BELL RINGER WARM-UP QUESTIONS

Help prepare your learners by introducing the topic with these warm-up questions.

Brainstorm

Think of three different types of jobs that use science and why these jobs might be interesting.

- 1.
- 2.
- 3.

Reflect

Why is science important? How do we use it in everyday life?



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Consider

Working in the science field can be rewarding but also unpredictable and difficult at times. What challenges might scientists face in their work, and how do you think they might overcome these challenges?

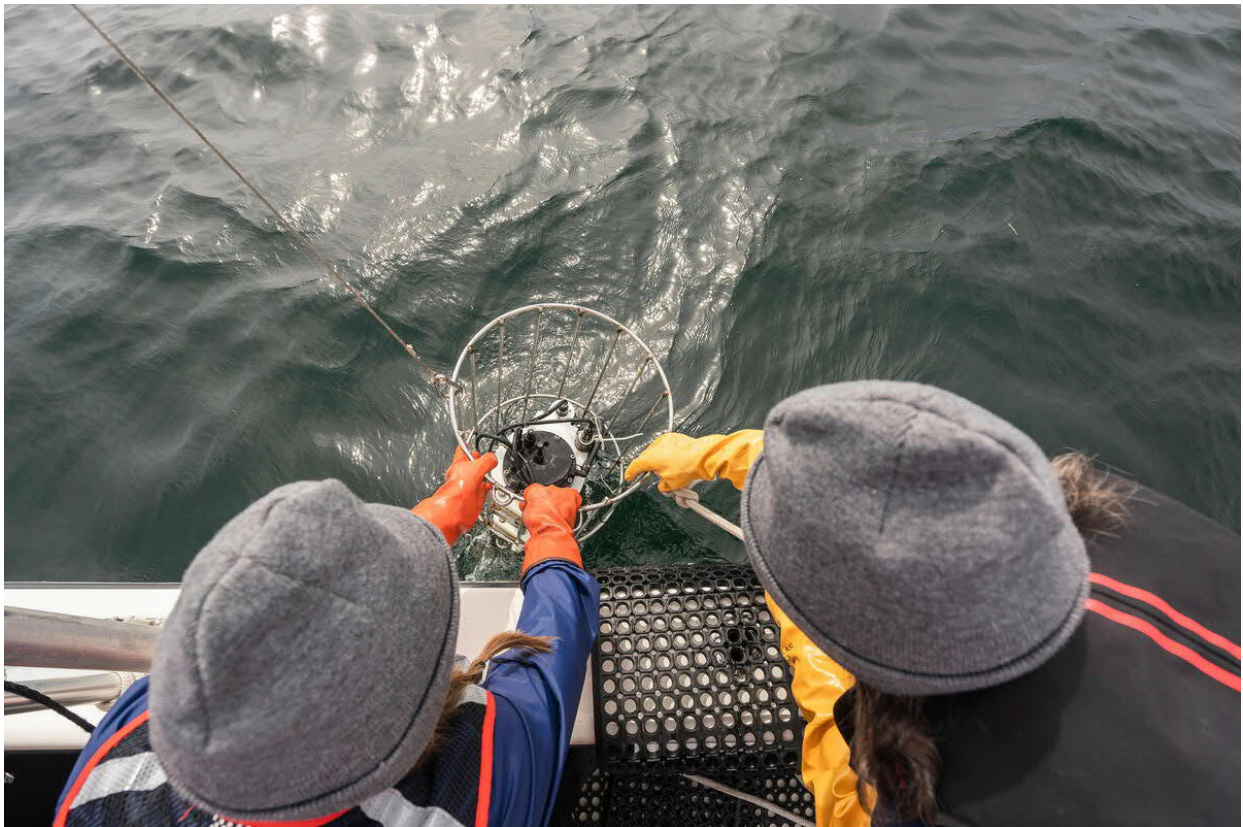


Planning to watch the event live? Write your question(s) for the presenter here:

INFORMATIONAL RESOURCES

Use these resources to provide background information to your learners

- Web article: [It's Her Time](#)
- Web article: [Shark scientist Jasmin Graham on the importance of diversifying marine conservation](#)
- Web page: [Women and Girls](#)
- Web story: [An all-female ranger team challenges the workforce gender gap](#)
- Web story: [Women Leading the Plastic Revolution](#)
- Web story: [Meet the Women in Tech Blazing a Trail for Conservation](#)
- Web story: [5 lessons we've learned as women in conservation science](#)
- Web story: [Meet 13 Women Making Waves in Conservation](#)



ACTIVITIES

Check out these lesson plans to supplement the content from the event.



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[Women in Science ID cards and activity page](#)

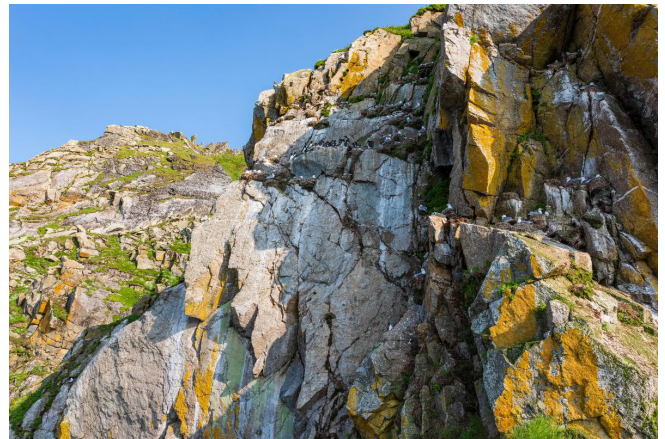
Using the informational ID cards featuring women scientists from WWF, learn about the women who are helping species, habitats, and people around the world. Then pair the cards with the coordinating activity page to have your learners explore and discuss what science means to them.

Grades: 3–8

[The Arctic toolkit](#)

Use the resource guide and activities in this toolkit to learn more about the area where Alexis and Elisabeth work. Choose from a variety of lesson plans, printable materials, and videos focused on the people, habitats, and species that make the Arctic so special.

Grades: 3–8



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[Fantastic Beasts and Where to Find Them: Bizarre Sharks and Rays](#)

Rewatch this Conservation in the Classroom livestream event with Jasmin Graham, WWF shark scientist and 2021 conservation award winner, as she speaks about the importance of sharks and rays and her role as a woman in science.

Grades: 2–6



Celebrating Women in Science

Answer the following quiz questions and writing prompts after watching the Conservation in the Classroom event.

Kahoot!

- [Habitat spotlight: Arctic](#)

Quick Quiz

1. Explain how both Alexis and Elisabeth use science in their jobs in the Arctic.

a. Alexis: _____

b. Elisabeth: _____

2. What is one thing you learned while listening to Alexis and Elisabeth that surprised you?

3. Why do you think the Arctic would be a unique place to study science?

Short answer writing prompts

Ruth Bader Ginsburg said, “Women belong in all places where decisions are being made.” The science field is no exception.

Why do you think it’s important for women and people with diverse backgrounds to work in science? How will they benefit the field?



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Consider some of the biggest threats that our planet is facing and could continue to face for years to come.

What types of science jobs do you think will be in high demand (most needed) in the future? Why?
