

Meet an Arctic scientist



Age 7-14



45 minutes

Prep resources



Lesson

Arctic live preparation lesson

Unit

Frozen Oceans Science / Geography



PD Collection

Live lesson support

Live resources



Encounter Live

Live lesson homepage



Student Sheet

Reflection certificate

Live lesson overview

Your chance to speak to a real Arctic research scientist and discuss their life and work to understand the Arctic habitat. You can submit your students' questions in advance or live.

Preparation

If you have never joined a live lesson before use the guidance at <https://encounteredu.com/cpd/collections/live-lessons>, where you will find technical and educational support.

Live lessons work best when students have some prior knowledge and have prepared questions. Either teach a lesson from one of the Frozen Oceans units at <https://encounteredu.com/teacher-resources/topics/polar> or choose a one-off Arctic Live Preparation lesson, available to download on each live lesson web-page.

Questions generated by your class can be submitted via the Live Lesson tab in your Encounter Edu profile.

Check that you can view live chats by testing any YouTube Live video. Ensure you have the correct materials for the Live Lesson.

Learning objectives

- Describe the day in the life of an Arctic scientist
- Understand what inspired the scientist to a career in science and what keeps them going
- Recognise the importance of science out in the real world
- Identify next steps for students to have a STEM career

Session steps

1. Introduction (5 mins)

The session will start with an introduction by the presenter to the Arctic scientist who will explain a little about their role at the UK's Arctic Research Station.

2. Pre-submitted questions (10 mins)

The presenter will then conduct a structured interview using questions which have been submitted by schools in advance.

3. Live questions (30 mins)

The Arctic research scientist and presenter will then attempt to answer as many of the pre-submitted questions from schools in addition to the questions coming in on the live chat, so listen out for your school's question. During this time students can complete their reflection certificate.