

# Live investigation: Arctic food chain mobiles



Age 7-14



45 minutes

### Prep resources



#### Lesson

Arctic live preparation lesson

#### Unit

Frozen Oceans Science /  
Geography



#### PD Collection

Live lesson support

### Encounter Live support

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 resources



#### Encounter Live

Live homepage



#### Student Sheet

Arctic food chain mobiles

### Safety and Guidance



#### Precautions

Great care should be taken when using scissors and dowels. You may wish to run this activity in small groups with closer adult supervision.

### Live lesson overview

This food web activity introduces young people to a range of organisms that they may come across during an Arctic expedition. Students will be asked to identify, classify and group organisms to build an Arctic food web mobile.

### Preparation

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

- Name and describe living things in the Arctic
- Create simple food chains that describe how living things are connected
- Communicate how fragile life is in the Arctic

### Session steps

#### 1. Introduction (5 mins)

The presenter will open the session with a welcome and brief introduction to the expedition and any shout-outs to registered classes. In this activity students will create a series of food chains connecting different creatures that live in the Arctic.

#### 2. Subject knowledge (10 mins)

The presenter will then introduce some of the types of life that can be found in the Arctic and discuss how they are related through predator-prey relationships.

#### 3. Activity (15 mins)

The presenter will begin assembling different food chains found in the Arctic and finally the food web mobile. Students follow along in real-time. During the activity, you can also submit your students' questions via the live chat.

#### 4. Q&A (15 mins)

After completing the activity, the presenter will be able to answer pre-submitted questions and take part in the live chat.