

Antarctica Video Questions

Thursday 6 November

1. The Benthic Community

Meet Sal Genovese and find out more about the unique animals that live on the sea floor below the sea ice in McMurdo Sound.

1. What does benthic mean and what sorts of animals live in the benthic community?
2. What do sessile (non-moving) creatures tend to eat?
3. What types of feeders are sea urchins compared with sea stars?

Next step learning: How do you think the animals that make up the benthic community have adapted to life in Antarctica. How do you think climate change could affect these animals and how could you test your theory.

2. Sampling the Sea Floor

See how the scientists are taking and recording samples of what's living on the sea floor.

1. What are the scientists trying to work out?
2. How are results recorded?
3. What can Sal and his team do to improve the accuracy of their results?

Next step learning: Get involved in the [Marine Metre Squared](#) programme to help survey the animals living on your local sea shore.

3. Ice Fishing

Come out on to the sea ice to meet Rebecca McMullin and discover how she has been catching fish from under the sea ice and what she will be using these fish for.

1. How does Rebecca catch fish from under the sea ice?
2. What does Rebecca use to attract the fish?
3. What does Rebecca want to find out from these fish?

Next step learning: Find out more about the otoliths which are sometimes called fish air bones or earstones that Rebecca talked about.