

Antarctica Video Questions

Tuesday 4 November

1. Skiddoo to Cape Evans

Put your skiddoo training to good use by driving the skiddoo out to Cape Evans to visit the scientists.

1. What is the speed limit on Skiddoo in Antarctica?
2. How did you know where to go on the skiddoo?
3. What is the name of the hut at Cape Evans and why is it significant?

Next step learning: What would you need to be careful of while travelling on the sea ice on a skiddoo?

2. Gearing up to Dive

Talk to Jim from the science team about the equipment they use to dive under ice and how they stay safe.

1. What equipment is used?
2. What do the divers wear?
3. How long are the dives?

Next step learning: Discuss the challenges of diving under sea ice.

3. SIMCO

Find out more about what SIMCO are, where they grow and how they contribute to the food web.

1. What is SIMCO?
2. How can you tell where SIMCO are growing?
3. What eats SIMCO and how does SIMCO contribute to the food web?

Next step learning: Find out how scientists know if animals are getting energy from SIMCO or phytoplankton from the open ocean.

4. Sampling SIMCO

Watch the divers collecting samples of SIMCO and listen as Jim explains the scientific process.

1. Why are the scientists collecting samples of SIMCO and photographing the ice?
2. Where is SIMCO mostly found?
3. What would make this research more accurate?

Next step learning: What technology could be used to help this research and why is this research important.