Antarctica Video Questions

Friday 7 November

1. Weddell Seals
Make the most of your last day in Antarctica by heading out on the skidoo in search of seals.
1. Where did you find the Weddell seals?
2. Why did you not drive closer to the seal colony?
3. Why do you think the seals are here?

Next step learning: Find out more about Weddell seals and their behaviours.

2. Weddell Seals in the Antarctic Food Web
Catch up with Steve Wing in the Weddell seal colony and find out how these seals have adapted to life in Antarctica and how they fit into the Antarctic marine food web.
1. What adaptations do Weddell seals have that help them to survive in Antarctica?
2. What do Weddell seals eat and how do scientists know this?
3. Why is Steve interested in Weddell seals?

Next step learning: Find out what threatens the Antarctic Tooth fish and why this is of concern for the Antarctic marine ecosystem.

3. A Week of Cool Science in Action
Join Steve Wing back at Scott Base and think about the science work that has been done this week and why it is important.
1. What is at the base of the marine ecosystem in McMurdo Sound in the Ross Sea?
2. What has SIMCO been linked to and how is this link being measured?
3. What does Steve hope the outcome of this research will be?

Next step learning: Find out more about the Ross Sea and what's being done to protect this ecosystem.

4. A Special Antarctic Treat
Come and see what Shelley has discovered in the ice of the Erebus Ice Tongue.
1. How might this cave have formed?
2. What is a crevasse and why do they make walking on glaciers dangerous?
3. Where might you find ice caves in New Zealand?

5. Field Trip Summary

Take some time at the end of the field trip to reflect on what you have learnt about Antarctica and the Antarctic marine ecosystem.

1. What have been the highlights of this field trip for you and why?
2. What questions do you still have about Antarctica and how could you find the answers to these?
3. Help your teacher to fill in the online evaluation form for this field trip?