

Antarctica Video Answers

Saturday and Sunday 1-2 November

1. My Journey to Antarctica

Go through security and jump aboard the C17 Globemaster aircraft destined for Antarctica.

1. Who are the crew for the C17 Globemaster?
 - Members of the United States Air Force
2. How long was the flight and what could you see out of the window during the journey?
 - The flight was five and a half hours and you may have seen sea ice and then mountains as you flew over Victoria Land on route to Ross Island.
3. How cold was it when you arrived in Antarctica?
 - -12 degrees Celsius

Next step learning: Work out the wind chill temperature for when you landed in Antarctica if the wind was recorded at 5 knots.

2. Staying Safe in Antarctica

Travel out on to the sea ice in the Hugglund and complete your Antarctic Field Training then join Shelley back in the locker room to see what should be worn when out and about in Antarctica.

1. How is the thickness of sea ice measured and why is it important to know?
 - By digging down to the ice (removing the snow) and then drilling through the ice and dropping a tape measure down the hole you have drilled. This is done to see if the ice is thick enough to allow safe travel
2. Why do you think it is important to wear lots of layers of clothing rather than just one extra warm layer?
 - Because layers trap warm air and therefore keep you warmer
3. What else do you need to remember when leaving Scott Base?
 - To sign out, wear sunscreen and sunglasses or goggles, take a radio, take an insulated water bottle and drink lots, take a pee bottle

Next step learning: Find out more about the fabrics used to make the clothing that is supplied by Antarctica New Zealand and how it has been designed so that it is fit for purpose. You could design your own clothing suitable for use in Antarctica.