

Going South
Caldecott Primary School
Friday 6 November 2020

In School Hall:

09:00 Jeremy Thomas, The Discovery of Antarctica
09:10 Al Sylvester, Skiing to the South Pole
09:40 Audience Q+A
09:50 Introducing the Going South science investigations
10.00- 10.15 break with polar snacks

Classrooms:

10:15 Going South Investigations

Class 1 - Exploring the Antarctic Continent (with Al and class staff)

Activity	Group 1	Group 2	Group 3
Why are the poles cold?	10:20-10:45	11:05-11:30	10:45-11:05
How do animals survive in Antarctica?	10:45-11:05	10:20-10:45	11:05-11:30
How do humans survive in Antarctica?	11:05-11:30	10:45-11:05	10:20-10:45

Class 2 - Exploring the Antarctic Ocean (with Jeremy and class staff)

Activity	Group 1	Group 2	Group 3
Why are there layers in the ocean?	10:20-10:45	11:05-11:30	10:45-11:05
What does CO ₂ do to sea water?	10:45-11:05	10:20-10:45	11:05-11:30
How can we explore the deep sea floor?	11:05-11:30	10:45-11:05	10:20-10:45

11.30 Each class discusses what they have found out and begins preparing presentations - Class 1 on the Antarctic Continent; Class 2 on the Antarctic Ocean

12.15 - 13.00 lunch

13.00 Classes continue working on own presentations, selecting presenters and rehearsing final presentations

13:45 Zoom introduction to scientists from the UK Polar Network:

13:50 James Bradley, School of Geography, Queen Mary University of London

13:55 Oenone Scott, Department of Life Sciences, University of Essex

14.00-14.15 Class 1 Presentation with Q+A from scientists and audience - Exploring the Antarctic Continent

14:15-14:30 Class 2 Presentation with Q+A from scientists and audience - Exploring the Antarctic Ocean

14.30 End and class departures