





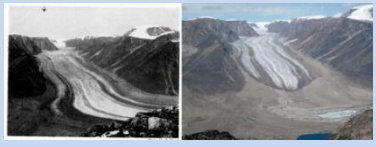


Meet the Outreach team:

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|  <p>Antony Jinman</p> <p>The Geographic North Pole expedition saw Antony and his two team mates traverse over 500 miles from Cape Discovery to the Geographic North Pole in just 51 days by ski, snow shoe and even swimming, to collect valuable scientific data for Plymouth University. He has now completed 12 Arctic Expeditions and can deliver powerful presentations with HD films and photographs. Topics on offer to schools include:</p> <ul style="list-style-type: none"> The Geographic North Pole Personal Development Teamwork Inuit Culture Climate Change Captain Scott Arctic Wildlife |  <p>Josephine Beynon</p> <p>Josephine read Biological Sciences (Zoology) at the University of Edinburgh and became President of their Expedition Society, 'ExpEd'. Whilst there, she embarked on two undergraduate scientific research expeditions to the rainforests of Borneo and the savannahs of Gabon. She also accompanied Antony on an Arctic Expedition to Baffin Island, gaining valuable knowledge of the landscape and its native people. Josephine also has a PGCE under her belt. Subjects and activities can be tailored to include:</p> <ul style="list-style-type: none"> Expedition Stories Teamwork Worldwide wildlife Environmental processes Glaciology Climate Change Inuit Culture |
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Polar Activity Breakdown:

| Topics | Activities | Description | Approx. timings* | Prior prep from school | Subjects |
|--|-----------------------------------|---|------------------|------------------------|--------------------------------|
| Expedition life  | Looking at kit, trying clothes on | This is a great way to look at what real explorers use on expeditions. | 15 – 20 mins | ~ | Physics Textiles History |
| | Expedition Planning & role play | What does one need on an expedition? Which different responsibilities will team members have? | 45 – 60 mins | ~ | Drama Maths Team work |
| | Insulation (Wildlife / clothing) | Compare different types of insulation and see their effectiveness. | 45 – 60 mins | Water at 37°C | Physics Biology |

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| Inuit Culture  | Bannock bread | See how Inuits make their bread. | 45 – 60 mins | Hob and pans | Food Tech Chemistry |
| | Inuit Printing | Imagine you are an Inuit and print what you would see... | 45 – 60 mins | ~ | Art Geography |
| | Igloo making | Try the basic principles of building an igloo. | 45 – 60 mins | Ice | Chemistry Team work Physics Design Tech |
| | Inuktitut Translation | Pupils can translate their name into Inuktitut and see how different the Inuit language is! | 15 – 20 mins | ~ | Languages Geography |
| Wildlife  | Blubber Gloves | Learn how animals in the polar regions keep warm. | 45 – 60 mins | Ice | Biology |
| | Polar Bear Mask | Make a mask and learn how polar bear fur helps them to survive. | 45 – 60 mins | ~ | Art Biology |
| | Food web | Who eats who and where does the energy come from? | 45 – 60 mins | ~ | Biology |
| | Insulation (Wildlife / clothing) | A look at different materials and how well they insulate. | 45 – 60 mins | ~ | Biology Physics |
| Environment/ Geography/ Geology/ Climate Change  | Pole to Pole | What are the differences between the top and bottom of our world? | 15 – 20 mins | 2 hula hoops or ropes to make 2 large circles | Geography |
| | Ice Sheet | Hands on activity to show the movement of ice sheets over land. | 45 – 60 mins | ~ | Geography |
| | Make a Glacier | Build a model to show how glaciers move the earth beneath them. | 45 – 60 mins | Ice and freezer bags | Geography |

* Please note that the timings are a very rough guide and that most activities also include an introductory presentation and sometimes a video clip.

For more information please contact Josephine on 01752 588346,
or email her on: talk@etehome.org