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ANTARCTIC SCIENCE

This is a sample Antarctic Science Activity Sheet only. Its main purpose is to show you some of the interesting activities that you can do when you choose this badge. Also, you can use this sample sheet to start doing the badge activities, while your teacher is sending away for the full activity sheet and badge.

If you have completed some of these activities before your full sheet arrives, your teacher can mark this sheet, then transfer the marks to the full activity sheet.

Sample Antarctic Science Activity Sheet

Rating	Antarctic Science Activities	Teacher's initials and date
2 **	Sometimes scientists need to leave the well-resourced bases to work remotely for a week or more. If you had to survive in the harsh conditions of Antarctica for a week, what would you pack in a survival kit? Justify your choices.	
10 **	Who eats whom? Create a food web of a marine predator and prey relationship in Antarctica.	
13 **	What are ice core samples, and how do they help scientists understand the ancient atmosphere and help explain climate change? Illustrate a timeline showing the link between depth and time.	
23 *	Dip your index finger into a bowl of icy water. Repeat this process with your finger coated in vaseline. If the vaseline represents seal blubber, what conclusions can you draw about the insulation of seals?.	
24 **	How many research stations (bases) are there in Antarctica and where are they located? How many are on exposed land and how many on ice? Draw a map which also indicates the bases of four named nations.	

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