



**3rd & 4th Class
Geography**



North and South Pole

In today's geography lesson, we explored the difference between the South and North Poles.

Even though they are the opposite ends of the world, there is a lot of similarities between the North and South poles. The North Pole is located at the top of our planet, in the Arctic while the South Pole is in Antarctica.

So let's test what we learnt today.

The Pole to Pole Quiz: Answer with Arctic or Antarctica to the following questions



01 Where do polar bears live? _____

02 Where do penguins live? _____

03 Where is the largest desert in the world? _____

04 Which is coldest? Hint – the lowest temperature record was MINUS 89.6 _____

05 Tom Crean was a heroic explorer from Kerry, Ireland. But where did he explore? _____



Antipode Quiz

The North Pole and South Pole are also known as **antipodes**. That means if you dig an imaginary tunnel straight through the earth, you would end up at the South Pole.

There are lots of other examples of antipodes, that is places on earth that are on the opposite of the world to another place. So for example, if you dug an imaginary tunnel from New Zealand, you would end up in in Spain!

Let's see if you can figure out which places on earth are on the opposite side to each other.

Question 1

If you dug a tunnel through the earth from Ireland, where would you end up?





Antipode Quiz

Question 2

If you dug a tunnel through the earth from Beijing, where would you end up?





Make your own Compass!

Make your own compass to find out where the North Pole is.

Will you need: Adult supervision, Sewing needle about 1-2 inches long, small magnet or fridge magnet or fridge door, a small piece of cork (a piece from a drinks bottle works but it needs to be cork), a small bowl.

- 01** Hold the needle by the eye and rub it along a magnet or fridge door. Make sure to do this in one direction only. E.g. Rub the needle downwards only. Do this 30 times.
- 02** Take the cork and cut a quarter inch off the top of it, making a small cork disc.
- 03** Take a small bowl and half fill it with water.
- 04** Place the magnetised needle on the cork disc and place it in water. The needle point should point towards the nearest magnetic pole, which is the North Pole in Ireland.



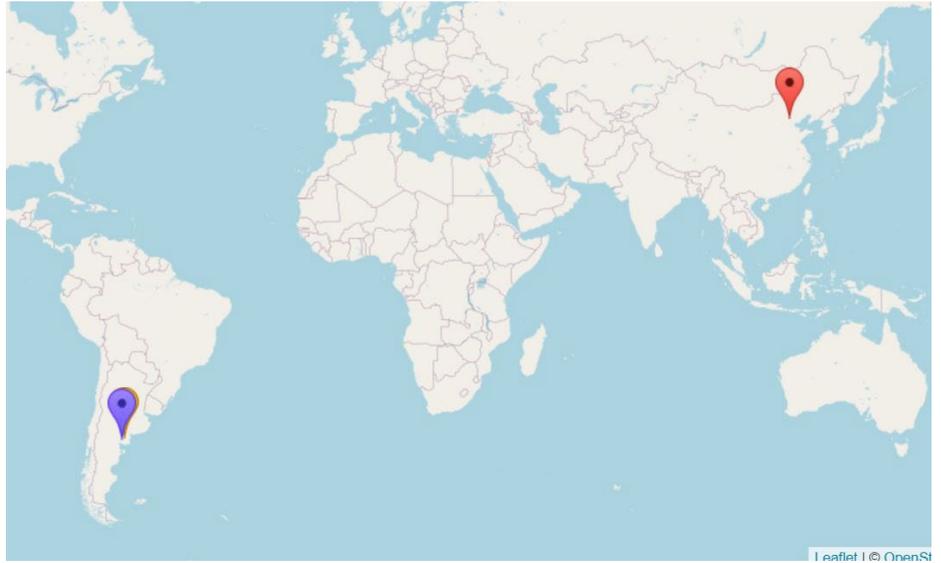


Answers

01



02



Pole to Pole Quiz Answers: 1. Polar bears living the arctic which is why they don't eat penguins! 2. Penguins are only found in the southern hemisphere. There are 18 species of penguin, 5 of which live in Antarctica. 3. Antarctica is actually the biggest desert in the world. A desert is an area where little grows and they get very little rain. 4. Antarctica is much colder than the Arctic. The actual location of the South Pole is the Arctic sea and not ice! 5. Tom Crean was a very famous Antarctica explorer! He once spent 492 days drifting on ice in the Antarctica after his ship sank!

Antipodes Quiz: See the maps on this page. 1. The opposite of Ireland is the Pacific Ocean where the orange marker is! The purple marker is the nearest land, which is New Zealand! 2. The opposite of Beijing, China is Argentina in South America!