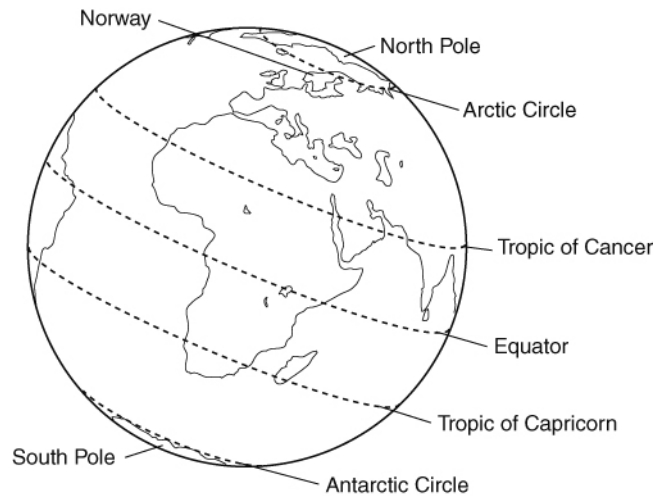


The Equator is an imaginary line around the middle of the Earth. There are other lines that are sometimes drawn on maps of the Earth. Lines that go around the Earth, as shown in the diagram, are lines of latitude.



When it is summer in the northern hemisphere, the North Pole is tilted towards the Sun. There are six months of daylight at the North Pole.

People who live in northern Norway are north of the Arctic Circle. They are quite near the North Pole and so they get some days in summer when the Sun does not set. People who live on the Arctic Circle get only one day in the year when the Sun does not set, and people who live further south do not see the 'midnight Sun' at all.

In the winter, people living in the north of Norway get some days when the Sun never rises at all. The further north they live, the more completely dark days they get in winter.

- 1 Why is Norway sometimes called the 'land of the midnight Sun'?
- 2 During which month in the year would Norwegians see the 'midnight Sun'?
- 3 The Antarctic Circle is near the South Pole. What can you say about the Sun in June and December for someone who lives on the Antarctic Circle?
- 4 Hardly anyone lives in the Antarctic all year round. Some scientists live there for about six months every year. Which six months of the year do you think they spend in the Antarctic? Explain your answer.
- 5 Imagine that you live in Alta, which is in Norway, north of the Arctic Circle. Write a blog entry to describe to your friends what it is like living in Alta in the middle of the summer and in the middle of the winter.
- 6 Optional extra: Find out what is special about the Tropics of Cancer and Capricorn. (*Hint: it has something to do with the angle of the Sun in summer.*)

I can...

- describe how the length of daylight near the North and South Poles changes during the year.