

science 3a

the land of the midnight sun

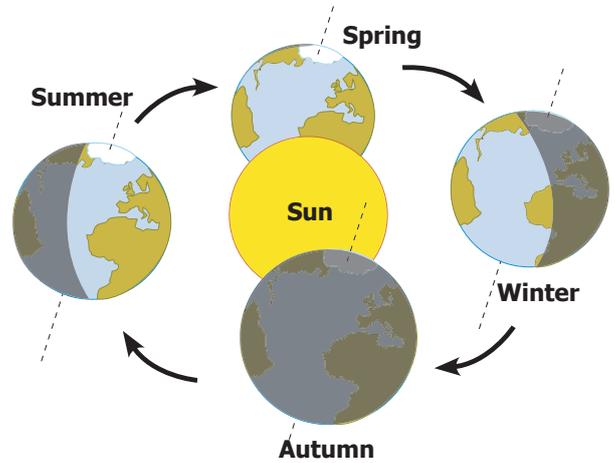
Test your arctic science skills!



Name:

This table shows when the North Pole has sunlight and when it is dark. Some of the numbers are missing. Can you work out what they should be?

JAN 1st	NO SUN for 77 more days
FEB 1st	NO SUN for 46 more days
MAR 1st	NO SUN for <input type="text"/> more days
MAR 18th	SUN APPEARS on horizon
APR 1st	SUN ALL DAY for 175 more days
MAY 1st	SUN ALL DAY for <input type="text"/> more days
JUN 1st	SUN ALL DAY for <input type="text"/> more days
JUL 1st	SUN ALL DAY for 84 more days
AUG 1st	SUN ALL DAY for <input type="text"/> more days
SEP 1st	SUN ALL DAY for 22 more days
SEP 24th	SUN SETS TODAY. It's gone...
OCT 1st	NO SUN for 169 more days
NOV 1st	NO SUN for <input type="text"/> more days
DEC 1st	NO SUN for <input type="text"/> more days



Fill in the missing words to explain why sometimes the Sun doesn't set in the Arctic.

The Earth orbits around the

. It is tilted at an of about 23°. It tilts the Sun in summer, and away from the Sun in .
 If you were at the North in the summer you would be in sunlight for hours - yes, even at midnight.

Here are the missing numbers – but where should they go?



plankton	algae	ringed seal
arctic willow	krill	bee



Help save the Arctic, track real polar bears and have some learning fun with Auro and Borea at www.panda.org/polarbears

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science 3b

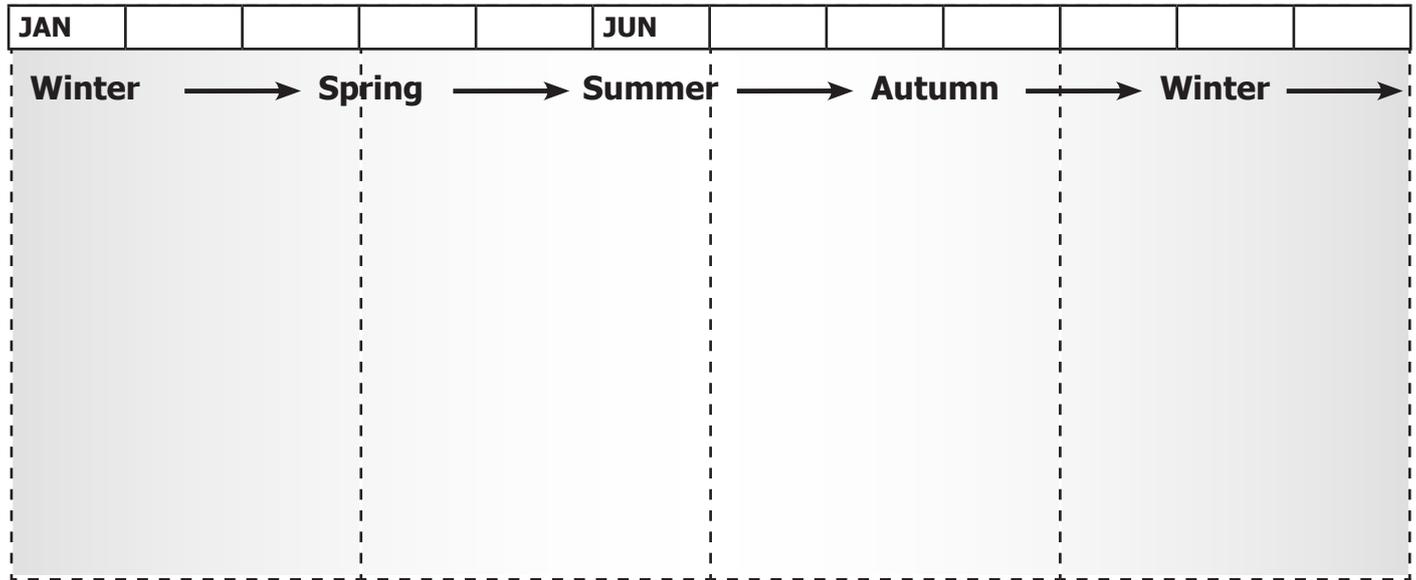
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Name:

Complete this timeline to show the months of the year:



Look at the pictures and labels. During which months do these things happen? Put the labels under the best place in the time line.

24 hours daylight 

Birds migrate 

Plants in bud 

Ground squirrels hibernate 

Lemmings live in deep burrows 

Pack ice freezes 

24 hours darkness 

Arctic fox turns white 

Caribou migrate 

Plants in full bloom 

Birds nest 

Pack ice melts 

Write two more seasonal events and put them in the chart.



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