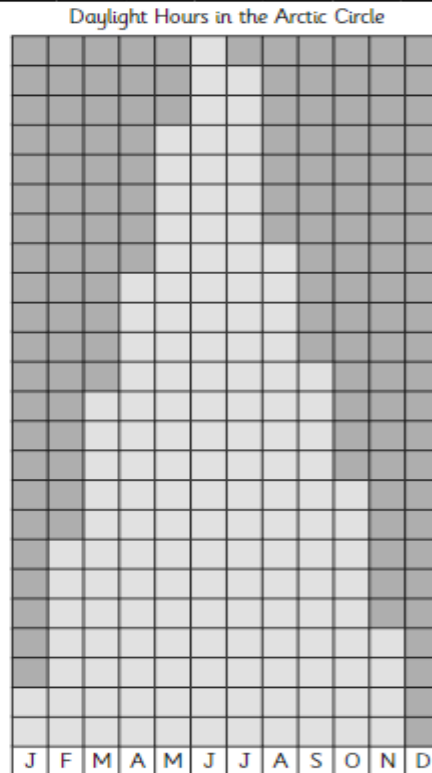
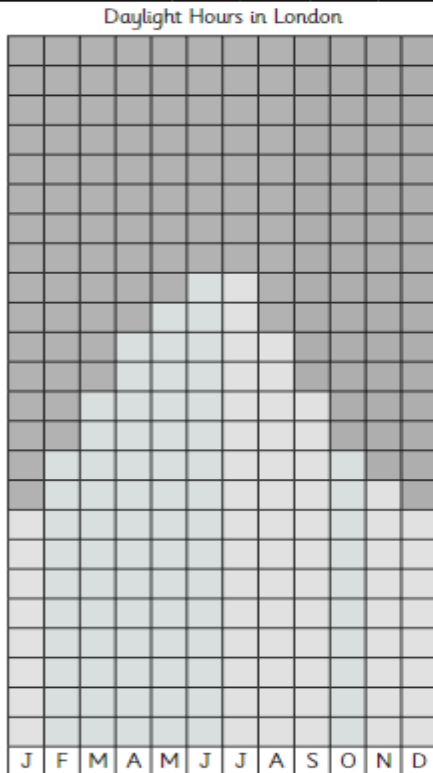


Comparing Daylight Hours **Answers**

Shade the daylight hours for each month in yellow. Shade the remaining blocks in dark blue.

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
London	8	10	12	14	15	16	16	14	12	10	9	8
Arctic Circle	2	7	12	16	21	24	23	17	13	9	4	0



What do your graphs tell you about daylight hours in the Arctic Circle?

The graph shows that during the spring and summer months, there are many more hours of daylight in the Arctic Circle than in the winter months and more hours of daylight than in London between April and August. In June the sun doesn't go down and there are 24 hours of daylight. In winter, the hours of daylight are extremely short and in December, there are 0 hours of daylight.

What impact do you think this has on the lifestyles of those living in the Arctic Circle?

Children's own responses could include it being difficult to sleep in the summer months and hard to do daytime activities and work during the dark winter months.

This table shows the monthly average daylight hours for Antarctica.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Antarctica	24	21	10	5	2	0	3	6	9	18	20	24

What do you think a graph showing the daylight in the Antarctic Circle might look like?

Children's own responses could include any of these descriptions: 'it would look a bit like a V shape'; 'it would create the opposite shape to the graph from the Arctic Circle'; 'it would be fully shaded at the start and end of the year, dropping to 0 hours of daylight in the middle in June'.