

# Welcome to GCSE Geography



Where will it take us today?



# Topic 4: Sustaining Ecosystems



**Skills Check**

# Geographical skills check

Produce **one** graph to show the data in the table opposite (10 marks)

Answer the following questions..

1. Why is the graphical technique you have chosen appropriate for this data? (2 marks)
2. Suggest **one other** graphical technique that would also be appropriate for this data (1 mark)
3. Calculate total forest loss (1 mark)
4. What % of total forest loss occurred in 2003 (2 marks)
5. What is the mean annual forest loss between 2001 and 2015 (1 mark)
6. What is the range in annual forest loss between 2001 and 2015 (1 mark)
7. Is this data an example of primary or secondary data? (1 mark)
8. Describe what has happened to % of 1970 cover remaining. Use figures in your answer (4 marks)

<b>Year</b>	<b>Annual forest loss (sq. km)</b>	<b>Percent of 1970 cover remaining</b>
2001	18,300	86.0%
2003	25,300	84.4%
2005	19,000	83.2%
2007	11,700	82.6%
2009	7,500	82.8%
2011	6,400	81.8%
2013	6,300	81.6%
2015	5,500	81.2%

Data about deforestation in the Brazilian Amazon

Source:

[http://rainforests.mongabay.com/amazon/deforestation\\_calculatio ns.html](http://rainforests.mongabay.com/amazon/deforestation_calculatio ns.html)

# Geographical skills check

*Describe what has happened to annual forest loss over time. Use figures in your answer (4 marks)*

<b>Year</b>	<b>Annual forest loss (sq. km)</b>	<b>Percent of 1970 cover remaining</b>
2001	18,300	86.0%
2003	25,300	84.4%
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