

LEARN AT CHESTER ZOO

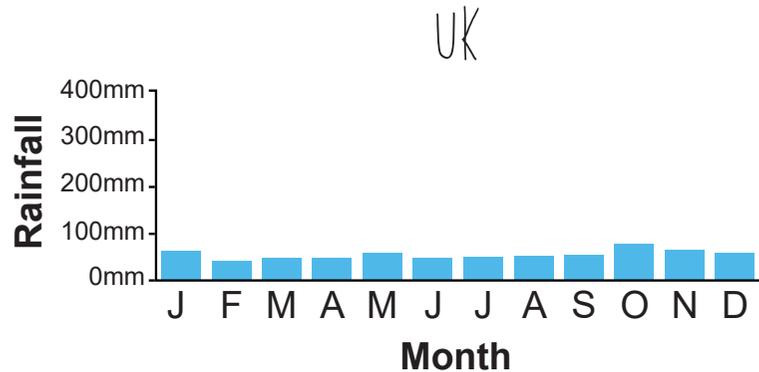
Name: _____

Date: _____

Class: _____

WHY IS THE WEATHER IMPORTANT TO THE RAINFOREST?

Average (typical, usual) monthly **rainfall** of London (UK) and Jakarta (Indonesia):



**Which month had the most rainfall?
How many mm of rain fell in this month?**

Month	Approximate amount (mm)
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UK: _____

Indonesia: _____

**Which month had the least rainfall?
How many mm of rain fell in this month?**

Month	Approximate amount (mm)
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UK: _____

Indonesia: _____

Challenge. How many months had rainfall over 100mm?

UK: _____

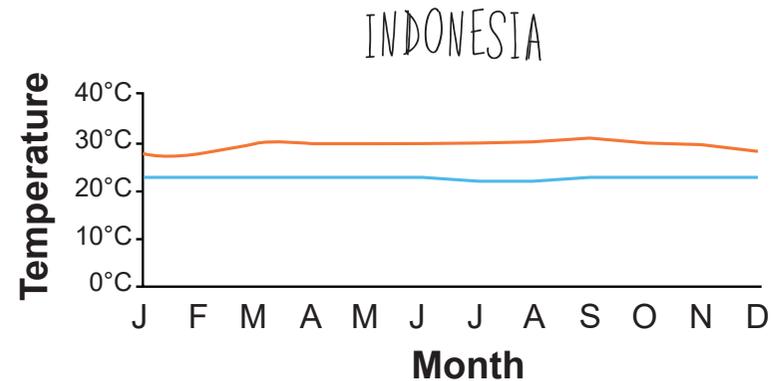
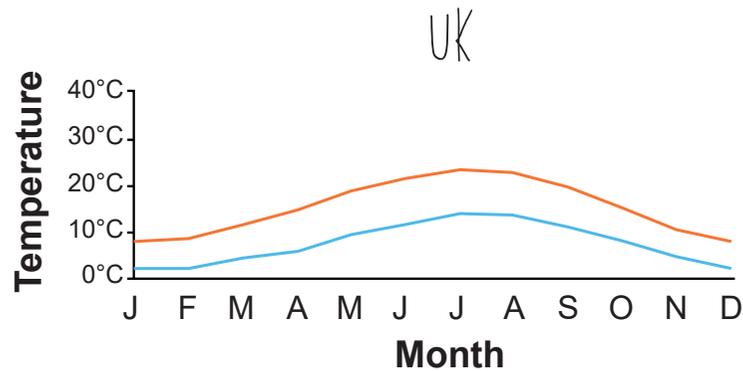
Indonesia: _____

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Name: _____ Date: _____ Class: _____

WHY IS THE WEATHER IMPORTANT TO THE RAINFOREST?

Average (typical, usual) monthly **temperature** of London (UK) and Jakarta (Indonesia):



● Maximum temperature ● Minimum temperature

Which month had the highest maximum temperature?

Month _____
Approximate temperature (°C) _____

UK: _____

Indonesia: _____

Which month had the lowest maximum temperature?

Month _____
Approximate temperature (°C) _____

UK: _____

Indonesia: _____

Challenge: How many months had maximum temperatures over 21°C?

UK: _____

Indonesia: _____

WHY IS THE WEATHER IMPORTANT TO THE RAINFOREST?

By using the graphs we can see that London (UK) has:

- An average minimum temperature of 8°C
- An average yearly rainfall of 615mm
- A dry period of 10 months (less than 60mm rainfall)

By using the graphs we can see that Jakarta (Indonesia) has:

- An average minimum temperature of 22.8°C
- An average yearly rainfall of 1810mm
- A dry period of 3 months (less than 60mm rainfall)

1. The table below shows the ideal conditions for growing oil palm trees. Use the information above to tick the locations that have the right conditions in this table

Ideal conditions for oil palm	2-4 Month Dry Period (less than 60mm of rainfall)	1780-2280mm Average rainfall annually?	21-24°C Average minimum temperature?
London (UK)			
Jakarta (Indonesia)			

2. Which location would be the best for growing oil palm - the UK or Indonesia? Please explain your answer.

WHY IS THE WEATHER IMPORTANT TO THE RAINFOREST?

3. Rainforests are some of the most biodiverse places in the world, meaning they have a great variety of animals and plants. How might the weather in these areas contribute to this? *(Hint: what do plants need to grow? Why might some animals need the plants?)*

