

Differences in weather and climate across Britain

Decision making exercise

Task 1: Which location is the best?

You will need to use the maps and the information about each family to decide which place is most suited to which family.

Each family has a table of the weather and climate preferences they prefer.

For each place put:

- ✓ - a tick if the weather is suitable
- ✗ - a cross if the weather is unsuitable
- ?

Add up all the ticks to find out which place is the most suitable for each family – the one with the most ticks would be the best.



THE JACKSON FAMILY: we are a cycling family so we don't like rain or wind. We prefer warm summers and cold winters.



THE HOUSTON FAMILY: we prefer it not to be cold or too snowy. We like to go fishing so rainy days can be good for us.



THE RICHARDS FAMILY: we enjoy barbecues and relaxing in the sun. We like warm sunny summers. Rain doesn't really bother us but we really don't like the cold.

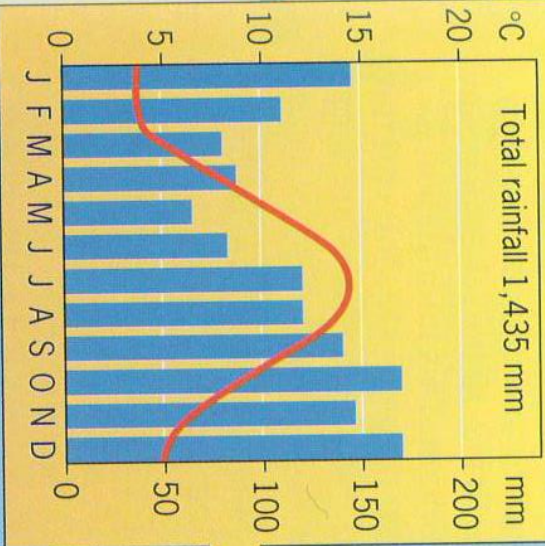


THE GRANT FAMILY: we are keen walkers and skiers. Our favourite days are in winter when it is cold and snowy.

You will be looking at 4 different areas in the UK:

- Oban (north west)
- Aviemore (north east)
- Plymouth (south west)
- Cambridge (south east)

OBAN

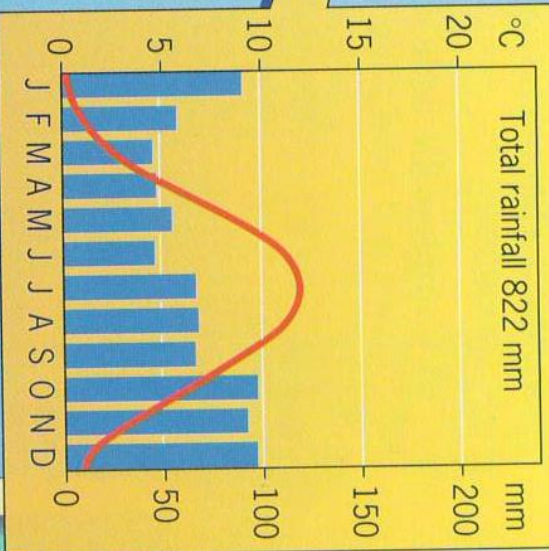


The north and west

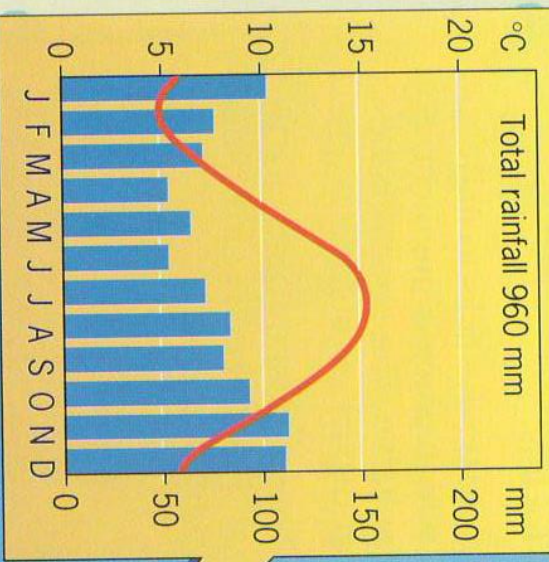
Temperature and rainfall

The north and east

AVIEMORE

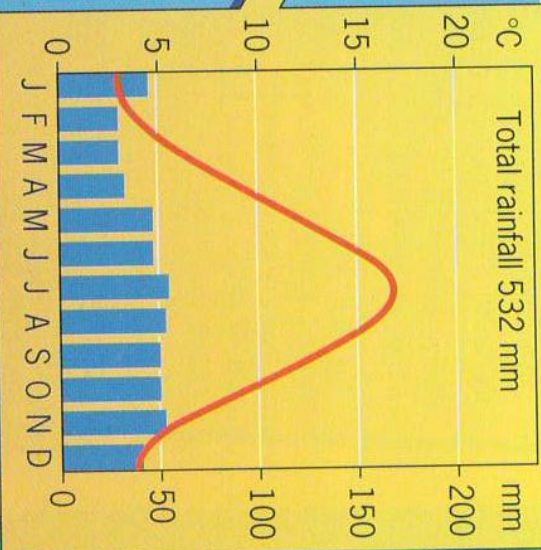


PLYMOUTH

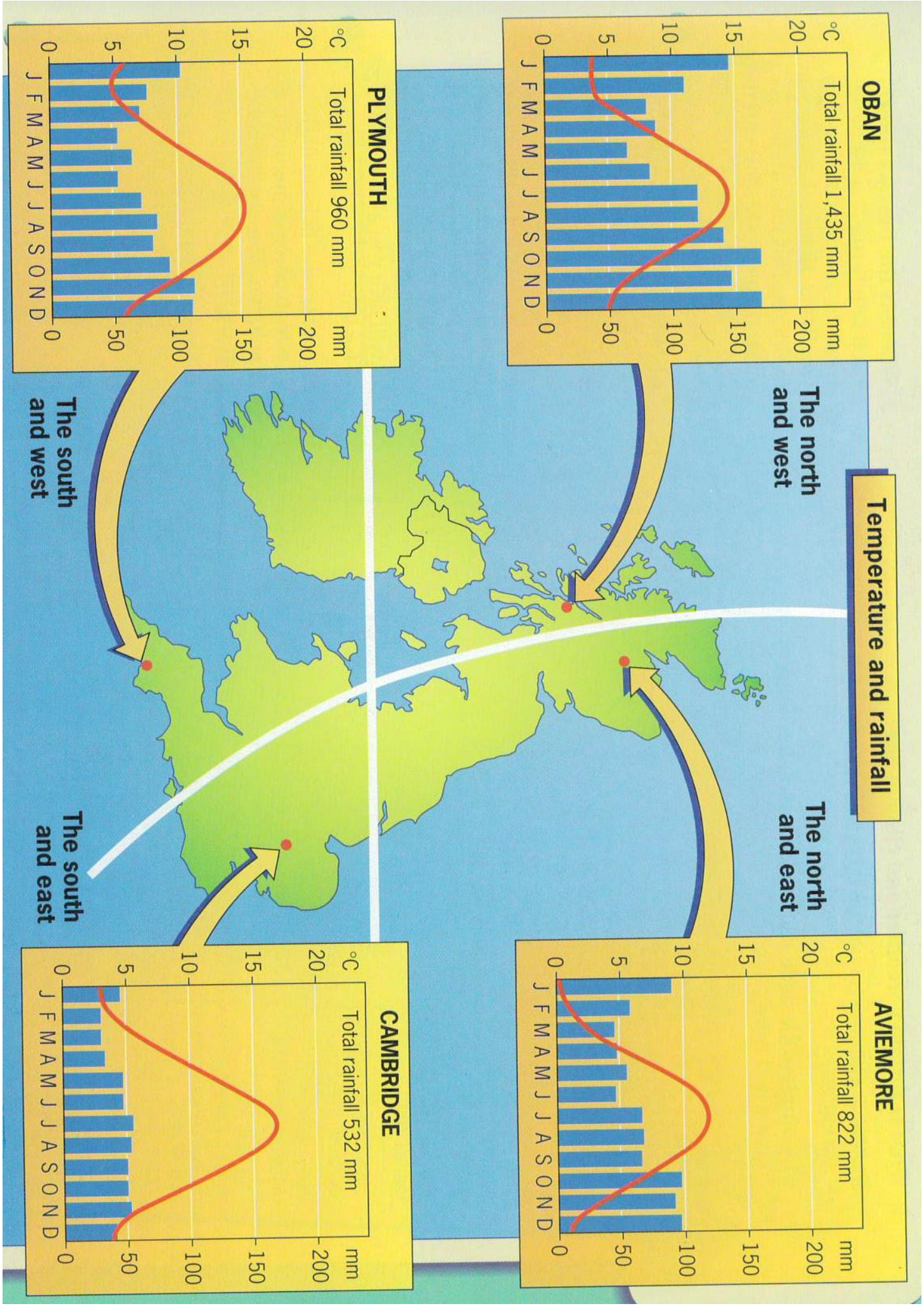


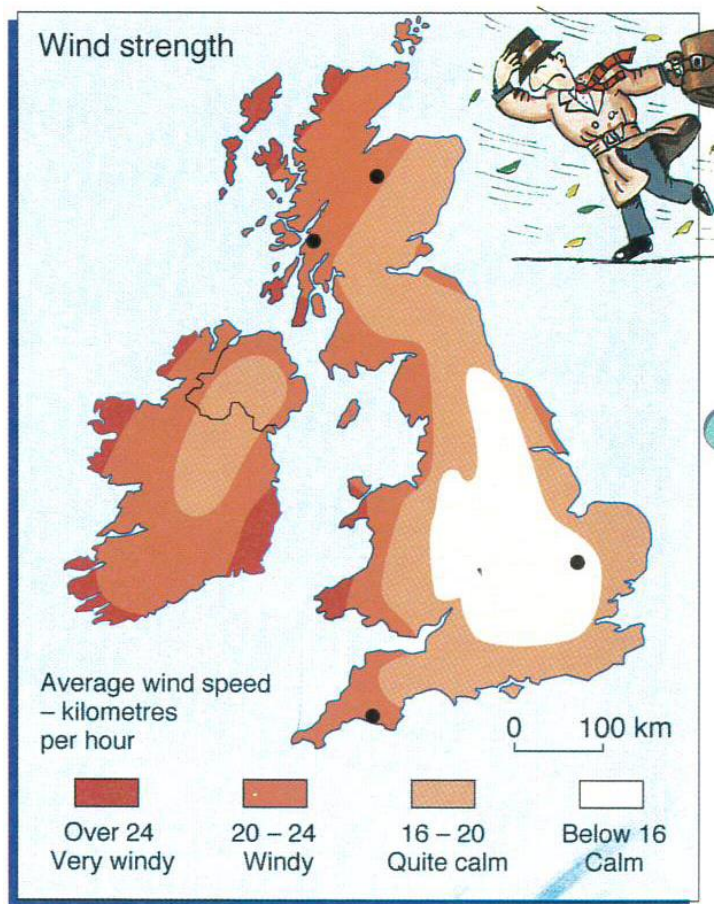
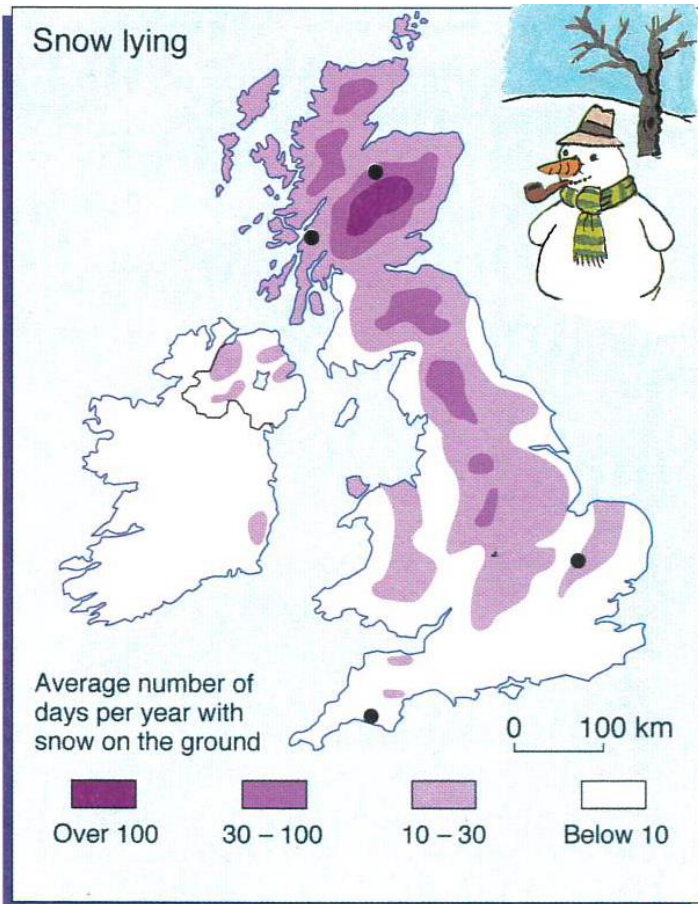
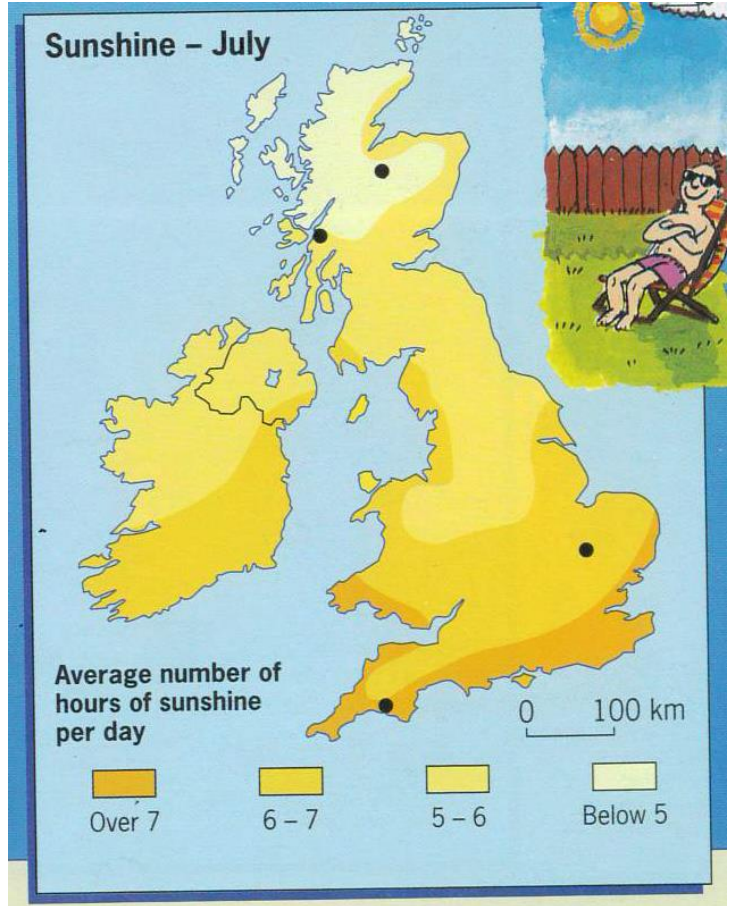
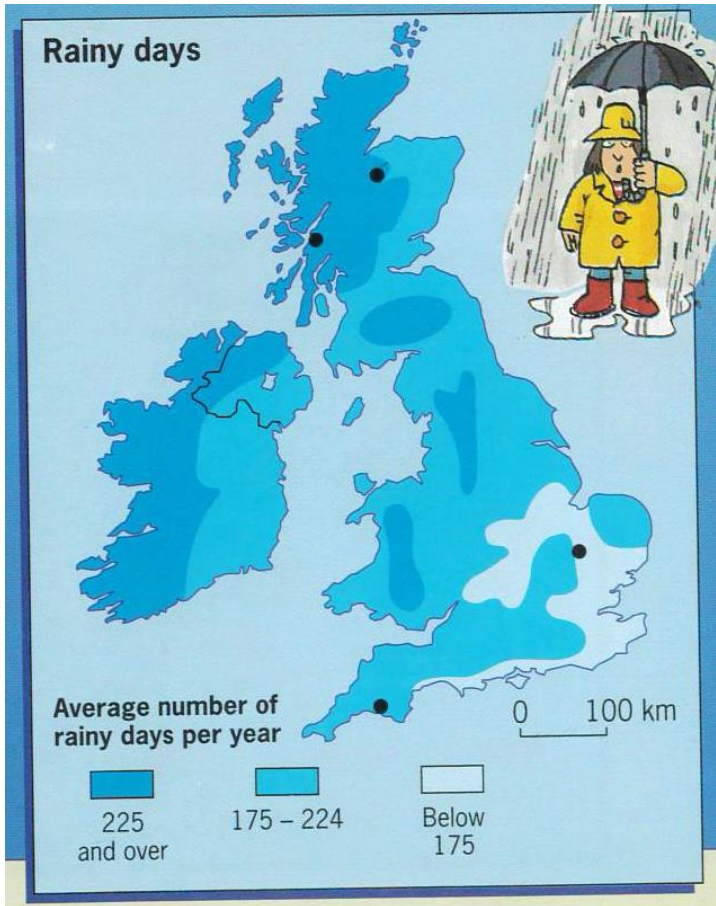
The south and west

CAMBRIDGE



The south and east







THE JACKSON FAMILY: we are a cycling family, so we don't like rain or wind. We prefer warm summers and cold winters.

THE JACKSON FAMILY	Oban (north west)	Aviemore (north east)	Plymouth (south west)	Cambridge (south east)
Cold winters (January below 3°C)		Y		Y
Warm summers (July 15-20°C)			Y	Y
Dry (Less than 175 rainy days)				Y
Quite sunny in summer (6-7 hrs per day)			Y	Y
Very little wind (Below 16 km/h)				Y
TOTAL	0	1	2	5



THE HOUSTON FAMILY: we prefer it not to be cold or too snowy. We like to go fishing so rainy days can be good for us.

THE HOUSTON FAMILY	Oban (north west)	Aviemore (north east)	Plymouth (south west)	Cambridge (south east)
Mild winters (January 3-7°C)				
Mild summers (July 10-14°C)				
Many rainy days (Over 225 per year)				
A little snow (10-30 days per year)				
Windy (20-24 km/h)				
TOTAL				



THE GRANT FAMILY: we are keen walkers and skiers. Our favourite days are in winter when it is cold and snowy.

THE GRANT FAMILY	Oban (north west)	Aviemore (north east)	Plymouth (south west)	Cambridge (south east)
Cold winters (January below 3°C)				
Mild summers (July 10-14°C)				
Quite dry (total rain 600-900 mm)				
Cloudy summers (under 5 hrs per day)				
Lots of snow (30+ days per year)				
TOTAL				



THE RICHARDS FAMILY: we enjoy barbecues and relaxing in the sun. We like warm sunny summers. Rain doesn't really bother us but we really don't like the cold.

THE RICHARDS FAMILY	Oban (north west)	Aviemore (north east)	Plymouth (south west)	Cambridge (south east)
Mild winters (January 3-7°C)				
Warm summers (July 15-20°C)				
Quite wet (total rain 600-1200 mm)				
Lots of summer sun (over 7 hrs per day)				
Windy (20-24 km/h)				
TOTAL				

Task 2: Explain why a location is suitable for each family

For each family write a short paragraph explaining why one location is the most suitable for them. Refer to the temperature and precipitation (rainfall) as well as any seasonal variation. If you can think of other reasons for that location being suitable, add those in as well!

The location which is most suitable for the Jackson Family is . This is because

The location which is most suitable for the Houston Family is . This is because

The location which is most suitable for the Grant Family is . This is because

The location which is most suitable for the Richards Family is . This is because