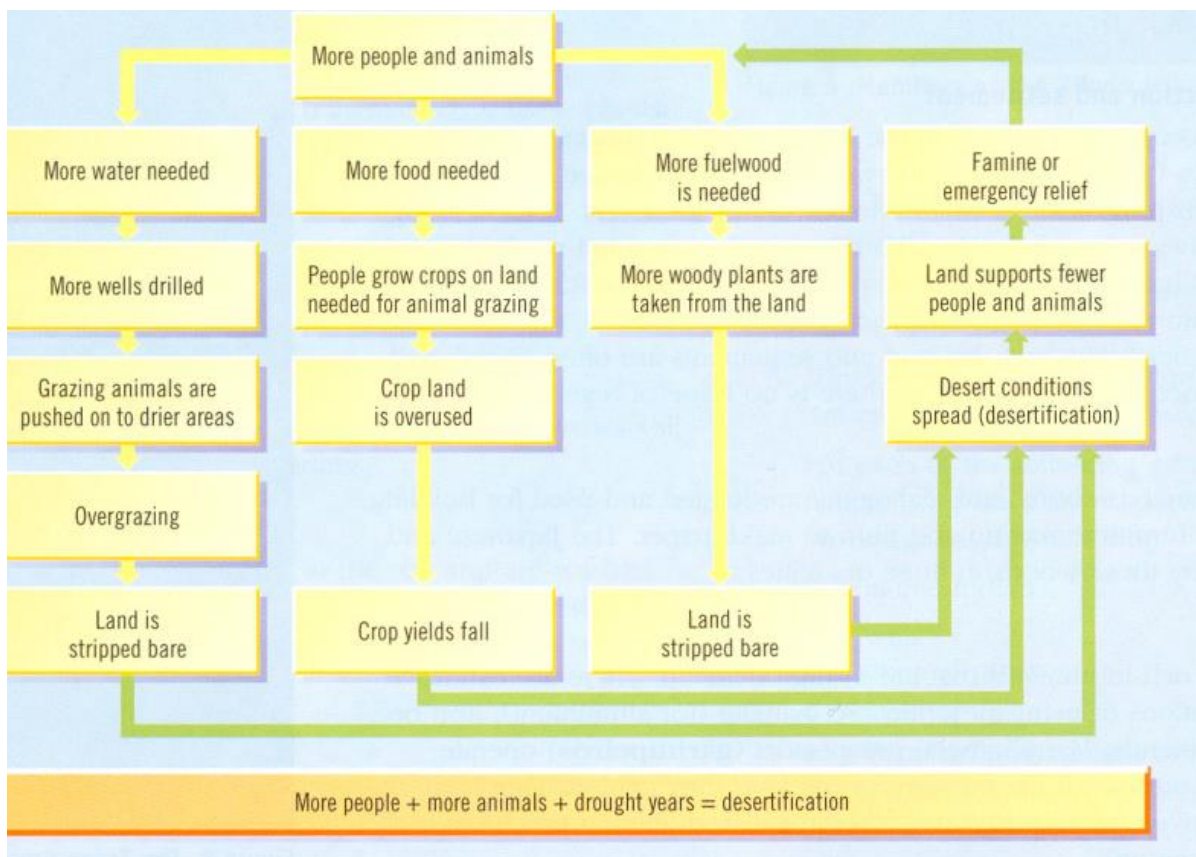


1. Using an atlas and your map of plate boundaries, name the type of volcano (acid or basic) you would expect to find in each of the following places:

- a) Iceland
- b) Chile
- c) Alaska
- d) Hawaii
- e) Japan

2. What are the main causes of desertification in the Sahel? What could be done to stop the spiral into desertification shown in the Figure?



3. Look at the figure.

- Which place has the highest temperature in summer? Is it on the coast or inland?
- Which place has the lowest temperature in summer? Is it on the coast or inland?
- Can you explain your findings?

**Figure 4 Climate variations for a continental land mass**

Location	Latitude (approx)	Distance from open sea (approx) km	Average summer maximum temperature °C	Average winter minimum temperature °C	Range of temperature
Bergen, Norway	60.5°N	20	15	1	14
Oslo, Norway	60°N	330	17	– 5	22
Stockholm, Sweden	59.5°N	780	16	– 3	19
St. Petersburg, Russia	60°N	1440	17	– 8	25
Hamburg, Germany	53.5°N	110	17	1	16
Berlin, Germany	52.5°N	380	16	– 1	17
Warsaw, Poland	52°N	1120	19	– 3	22
Moscow, Russia	56°N	3300	19	– 10	29
Tomsk, Russia	56°N	3300	18	– 20	38
Irkutsk, Russia	52.5°N	2700	18	– 21	39
Blagoveshchensk, Russia	50°N	1200	21	– 23	44
Okhotsk, Russia	39°N	0	13	– 25	38
Petropvisvsk, Russia	53°N	0	13	– 8	21

*Climatic data for selected places between 50°N and 60°N latitude, Eurasia*

4. A. Describe the ways in which taiga and tropical rainforest vegetation have adapted to climate.  
B. Construct a table contrasting taiga and tropical rainforest under the following headings:  
precipitation, temperature, vegetation.
5. Write a letter to your local newspaper explaining the problems that multinational companies bring to a country such as Papua New Guinea.
6. Using the photograph of the Foreland in the Figure to help you, draw 4 labelled diagrams to explain the formation of a cave, an arch, a stack and a stump.

