

ACTIVITIES

Knowledge and understanding

- 1 List Australia's climatic regions.
- 2 Name the climatic region of Australia in which you live.

Applying and analysing

- 3 Explain why summers in northern Australia might be described as 'uncomfortable'.
- 4 As a class, list the ways in which climate affects the activities of people in Australia.

Geographical skills

- 5 Plan a trip around Australia for the following activities. Explain which region of Australia you will visit for each activity, and in which month(s) of the year.
- a a beach holiday
- b skiing and snowboarding
- c alpine bushwalking
- d waterskiing
- e cross-country mountain biking

- 6 Sketch an outline map of Australia, and draw on it the boundaries of each climatic region. Annotate your map with a brief description of the climate experienced in each region.
- 7 Study Figure 9.1.8 and do the following tasks.

- a Describe the distribution of the following climatic regions.

- i moist tropical
- ii moist temperate with hot summers
- iii moist temperate with warm summers
- iv winter rainfall with dry summers
- v semi-arid with summer rain
- vi semi-arid with winter rain
- vii arid interior

- b Describe the different climates you would experience on a journey directly from:

- i Adelaide to Darwin
- ii Brisbane to Alice Springs.

- 8 Study Figure 9.1.8 and do the following tasks.

- a Which location has the lowest average annual rainfall?
- b Which location has the highest average annual rainfall?

- c Which location has the lowest average

- d temperature?

- e Which location has the highest average

- f temperature?

- g Estimate the average July temperature experienced by Darwin, Brisbane, Sydney and Hobart. Comment on the pattern shown.

- h Account for this pattern.

- i Describe the seasonal distribution of rainfall received in Darwin and Cairns.

- j Describe the seasonal distribution of rainfall received in Adelaide and Perth.

- k Divide the climate graphs into those that show:

- i most rainfall in summer
- ii most rainfall in winter
- iii even rainfall distribution throughout the year.

- 9 Study Figures 9.1.1 to 9.1.3 and do the following tasks.

- a Write a paragraph describing the January pattern of maximum temperatures.

- b Write a paragraph describing the July pattern of maximum temperatures.

- c Write a paragraph describing the annual pattern of maximum temperatures.

- 10 Study Figures 9.1.4 to 9.1.6 and do the following tasks.

- a Write a paragraph comparing the January and July patterns of rainfall.

- b Write a paragraph describing the pattern of average annual rainfall.