L3-4: Making maps bigger

Managing Cover Lessons – Geography

The **method of squares** is an easy way to make maps bigger. This method uses a small map (the map to be enlarged) and a bigger space on which the new map will be drawn. Both have the same number of squares. You have to stretch out the coastline in each small square so that it fits perfectly in the equivalent larger, square.
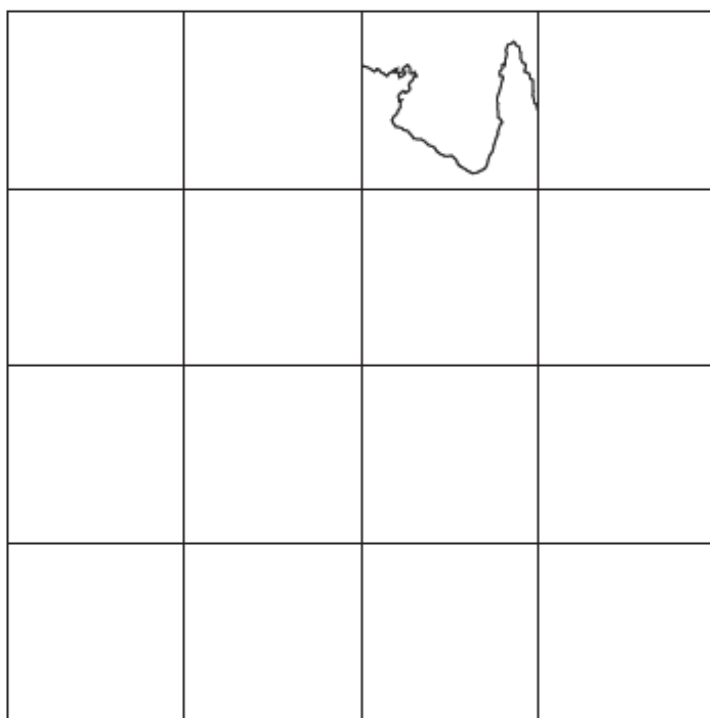
Tasks

1   Use the method of squares to enlarge the map of Australia's coastline in Grid A, drawing your new map in Grid B. One of the squares has already been done to get you started. Don't forget the island!

Grid A

Grid B

2   Look in your atlas for a map which shows Australia's cities and its seven states (these are a bit like our own counties, but much bigger).

   a   Draw dots on your new map in Grid B to show where some of the cities are located. You should find: Adelaide, Brisbane, Darwin, Hobart, Melbourne, Perth and Sydney.

   b   Write the name of each city by its own dot.

   c   Next, draw the state boundary lines on Grid B. These are all straight, except for the winding boundary between New South Wales and Victoria. Write their names in CAPITAL LETTERS. The states are: New South Wales, Northern Territory, Queensland, South Australia, Tasmania, Victoria and Western Australia.

   d   Add the inland towns of Alice Springs and Canberra (the capital of Australia). Then add the three largest areas of sea: the Indian Ocean, the Pacific Ocean and the Southern Ocean.

Follow-up

Shade each state of Australia in, in such a way that no states next to each other are the same colour.