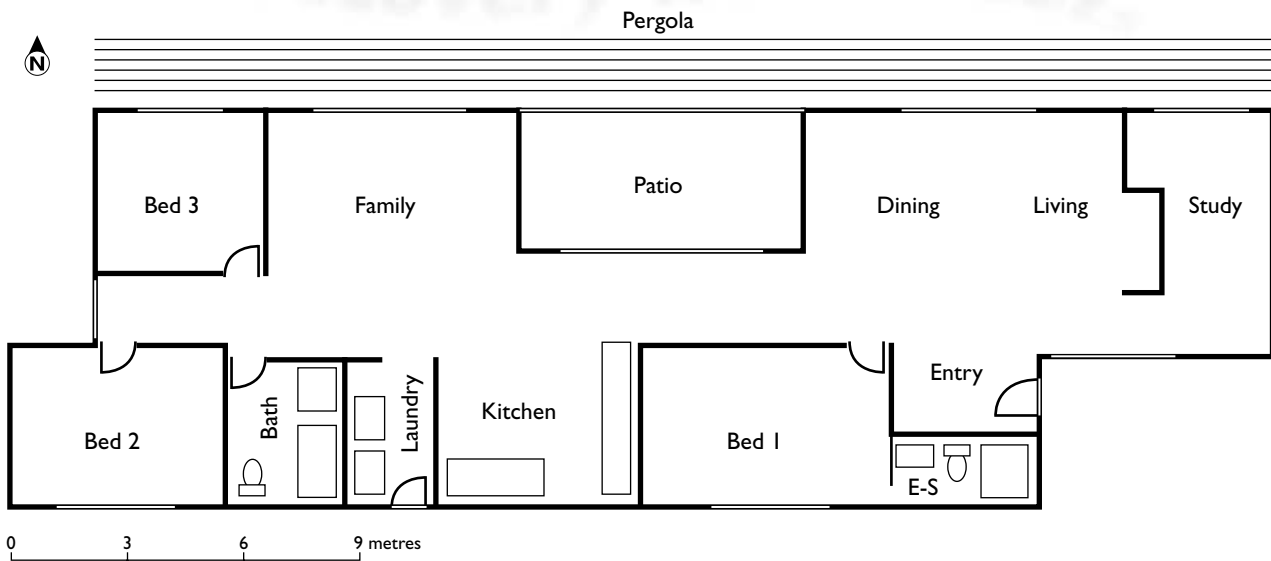




Discovery Worksheets

Draw a house plan

Building a new home requires you to buy land first and then to choose a house plan that will suit your block. The floor plan below has been designed to make the most of a northerly aspect. In winter the sun streams through the windows because it has a lower path. In summer, when the Sun is more directly overhead, the windows are protected by a pergola.



- Why are the living and family rooms located where they are?
.....
- Why are the sleeping areas located where they are?
.....
- Which direction do most windows face? Why?
.....
- How many people could comfortably live in this house? Explain your answer.
.....

Design your own home

- Design your own house or apartment using the simple online tools provided by the Small Blue Printer website (www.smallblueprinter.com/ver5.html). Use the site to work out the relative sizes of the rooms and the position of the windows and doors. Print your basic plan.
- Add a scale and key to your map.
- Add room names and labels that show the benefits of your design, for example, north-facing windows allow more sunshine during winter.



Internet — <http://www.smallblueprinter.com/ver5.html>