

# Living off the land

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Soil test

Purpose: We examined the soil samples to find out which ones they were and if they reacted to the water or not.

Activity:

1. We had to see if we could roll the soil into a ball and if we could not roll it up then we would have to try and make it into a sausage.
2. We rolled the soil into a sausage.
3. Then we put water in it and see if we could roll it up in a ball and a sausage.
4. Then we found what the soil was.

Observations:

1. I observed that the clay soil was hard to break.
2. There seemed that the silky clay is the best for growing food.

Soil sample	What did you notice?	What type is it?
Sampla A	I noticed that the water made the sandy soil so we could roll it up in	Sandy soil

	the ball.	
Sample B	I noticed that the water made the Loamy soil the same and I could not still roll it up into the ball.	Loam soil
Sample C	I noticed that the clay felt sticky at the start and i could not break it but when we put water in it then it would break easily	Clay soil

### What sort of crops are grown with each soil type?

Sandy soil is good for root crops like carrots and potatoes, as well as certain vegetables like lettuce and tomatoes. Clay soil can support cabbage and mustard family like broccoli and cabbage, as well as perennials and shrubs. Loam soil is good for growing fruit trees and other fruits.

### What foods do these crops produce?

The crops produce fruits, vegetables, nuts, and oilseeds.

### Where do we find these types of soil?

We primarily find these types of soil in Queensland and Australia.

