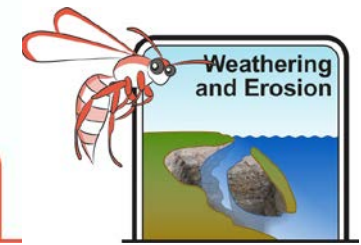


Man-made Changes – Teacher Notes

This activity encourages students to sketch what landscape changes would be visible as a result a change in human activity over the last 160 years. A suggested sketch of what students might draw is appended. In Science, the ability to produce a labelled sketch is important. Labels can be used to highlight changes.

1. In the first scene there would be trees, bushes and animals. Because Aboriginal people visited the area only when there was good food and they were careful to “Care for Country”. There would be no obvious tracks or buildings. Students might sketch a “whirly” or temporary shelter.
2. In the second scene the explorer would have cut and tramped a narrow track through the scrub for himself and his horse. They may also have left cuts or “blazes” on tree trunks at about eye height so they would know their way back. Most of the tall trees would remain standing, as would most animals. Aboriginal people might continue to hunt game and gather small game, roots, vegetables, seeds and nuts across this area.
3. By the third scene tree density would be less as loggers cut and removed hardwood from the bush. Large trees would be selected first. Dragging out trees would need wider paths for teams of horses. This would have scared away some native animals and Aboriginal people.
4. The farmer would have cut down trees, dragged away smaller bushes and set the wood on fire to expose the land to European farming practises. The farmer would need to build shelter for his family, animals and equipment. The toilet would probably be an outside “dunny”. A bore or well and water tank would be necessary to provide water for the family and their animals. Any cropping areas and the vegetable patch would have to be fenced to keep out animals. Storage silos for fertiliser and seed might be seen on the farm property. To carry wagons of crops to market, roads would have to be widened and improved. Few native animals would still be in the area
5. A change in farming practice from broad acre farming to dairy would mean fences would be built. A dairy would also have to be built to provide the infrastructure to collect milk from the cows and trucks bought to take the milk to buyers for processing. The farming family would expect to have telephone connections, running water and an inside toilet. Radio and television reception would also be expected. The road would be sealed and signs might be visible.
6. The area is becoming urbanised. The old farmstead might remain or it might have been bowled over for redevelopment. Each house would expect to be connected to mains water and sewerage. Increased population could support supermarkets and schools. Very few native animals remain but birds may still visit the area.



Man-made Changes – Teacher Notes

Humans change their landscape over time depending on land use and peoples expectations.

200 years ago this area was “all trees” with kangaroos and possums. Aboriginal people would come to hunt and collect food.	139 years ago an explorer came and beat a pathway through the trees wide enough for a man and a horse.	40 years later loggers came and cut down the trees. The wood was exported to England. This was Western Australia’s first moneymaking export.
A farmer needed land. He cleared away the stumps and bushes, built a house and planted wheat.	40 years ago the price of wheat fell so he brought in dairy cows and fenced off the paddocks.	The town grew and needed more land for people to live in. A new suburb was built with its own school.

Man-made Changes – Teacher Notes

This is a suggestion of what students might sketch to show how landscape may change over time due to human activities

<p>200 years ago this area was "all trees" with kangaroos and possums. Aboriginal people would come to hunt and collect food</p>	<p>139 years ago an explorer came and beat a pathway through the trees wide enough for a man and a horse.</p>	<p>40 years later loggers came and cut down the trees. The wood was exported to England. This was Western Australia's first money-making export.</p>
<p>A farmer needed land. He cleared away the stumps and bushes, built a house and planted</p>	<p>40 years ago the price of wheat fell so he brought in dairy cows and fenced off the</p>	<p>The town grew and needed more land for people to live in. A new suburb was built with</p>