



Te Kura

TE AHO O TE KURA POUNAMU
THE CORRESPONDENCE SCHOOL

Bikes

2013/1

IRO207





Alexander Turnbull Library

Boneshaker 1870s

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A gentleman in cycling dress on a pedestrian hobbyhorse circa 1809–1829.

One of the first bikes ever made looked like this. It was made in 1818 in London, England. The man who made it was a cartwright. He usually made carts and wagons.

It had no pedals. You had to push with your feet to make it go.

The wheels were made of wood. The tyres were made of iron. It was a very bumpy ride!

There was a chest support. You could lean forward and rest on it.

Bikes

In the 1870s, people were riding bikes like this.



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This bike was called a penny-farthing. A penny and a farthing were types of coins. The penny was worth more than the farthing. Can you guess which wheel was the penny wheel?

It was very hard to get on this bike. You had to stand it beside a wall and climb up. This bike could go up to 30 km an hour.

Many people were injured riding this type of bike. It was a long way to fall and people broke their wrists and arms when they fell. They also caught their legs in the spokes of the wheels. Some people were killed.

In 1789, two French men made a tricycle. By 1879 there were many different sorts of tricycles and quadracycles.

Tricycles have three wheels and quadracycles have four wheels. Bicycles, tricycles and quadracycles may carry one, two or three people.

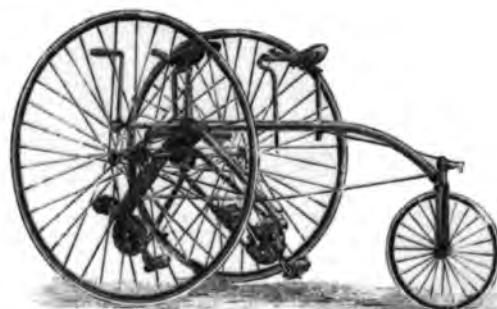
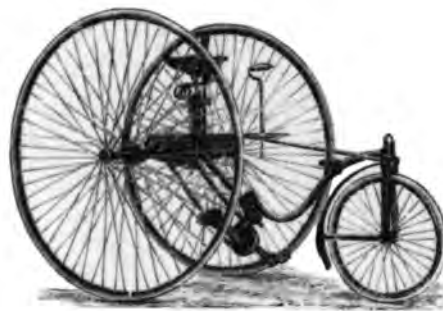
Lots of people liked to ride tricycles rather than the penny-farthings. Can you guess why?

Look at the pictures and tell your supervisor how many people can sit on these tricycles.

Can you see how the person makes the tricycle move?

Can you see how the person steers?

Can you see any brakes?





Here is a woman wearing bloomers riding a bicycle in 1900. This was very shocking. At that time, women only wore long dresses that covered their legs. Women weren't meant to show their ankles.

This bike has two wheels the same size.

It has pedals and a chain. The pedals turn the chain. The chain turns the back wheel.

The tyres are made of rubber. The rubber tyres absorb the bumps in the road and make the ride smoother and more comfortable.



This bicycle has a basket.

A basket on a bike is very useful. You can carry your school books, a bag, some shopping or some food and drink.

This bicycle has a special child seat. Some child seats are on the back of the bike. Some seats are covered so the baby doesn't get wet if it rains. Some seats are open to the wind and rain.





Many people used bicycles to help them in their jobs. The nurses in the picture rode from house to house to see sick people. They only had a small bag of equipment. Can you see it?

Chimney sweeps and window cleaners rode bikes and carried ladders and brushes. Some people went from house to house on a bike to sell vegetables.

In this picture one man is selling ice-creams in the park. What is the other man doing?





In towns and cities it can be much easier to get through a traffic jam on a bike. In some places there are cycle lanes that only people on bikes can use. A bike can go faster than a car when there is a lot of traffic.

Lots of people cycle to work to save money on petrol and parking. People pick up and drop off urgent mail items around the city. They are called couriers. They use bikes to get through the traffic quickly.



Some cities have bikes you can hire for an hour or two. You can pick a bike up in one place and drop it off somewhere else.



People like riding bikes just for fun. There are special bikes for BMX riding, mountain biking and road racing.





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Cycling is a very popular sport in New Zealand.

At the 2012 Olympic Games in London, New Zealand won three medals in cycling events.

The New Zealand para Olympians won four medals in cycling events at the 2012 Paralympic Games in London.

New Zealand's Sam Bewley, Westley Gough, March Ryan and Jesse Sergent compete during the London 2012 Olympic Games men's team pursuit track cycling event at the Velodrome in the Olympic Park in East London on August 3, 2012.





Laura Thompson and Phillipa Gray of New Zealand compete in the Women's Individual B Time Trial on day 7 of the London 2012 Paralympic Games at Brands Hatch on September 5, 2012 in Longfield, England.

Silver medallist Sarah Walker of New Zealand celebrates during the medal ceremony for the Women's BMX Cycling Final on Day 14 of the London 2012 Olympic Games at the BMX Track on August 10, 2012 in London, England.



A separate workbook accompanies this reading booklet.

You can choose to complete the activities after reading each section of the booklet or at the completion of the whole booklet.

You are encouraged to read the booklet several times to increase your comprehension.

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Cover: Racing cyclist 6630025

Racer No. 5 jumping hurdle 58324

Upside down over ramp 365717

BMX dirt track jumping 3254201

Engraving Victorian period cycles 4344009

Bikes for hire 4787936

Blue bicycle with basket 17027423

Bicycle-with-father-and-daughter 13764827

Cyclists on traditional Slovenian marathon Little Franja 15814783

Ice-cream vendor in park 16390092

Bicycle-lane marking 20343545

Mountainbiking on gravel roads, Lake Garda 21563358

Photo: An early 19th century illustration of a gentleman in cycling dress on a pedestrian hobbyhorse ca. 1809–1829. © Historical Picture Archive/Corbis HT007296

Photo: Man riding a boneshaker bicycle 1870s. © Alexander Turnbull Library 1/4-008609-G

Photo: Man on a penny-farthing bicycle. © Alexander Turnbull Library 1/4-008608-G

Photo: District Nurses, with their bicycles, outside South Durham District Nursing Office, Christchurch. 29 August 1914. © Alexander Turnbull Library 1/1-005293-G

Photo: New Zealand's Sam Bewley, Westley Gough, March Ryan and Jesse Sergent compete during the London 2012 Olympic Games men's team pursuit track cycling event at the Velodrome in the Olympic Park in East London on August 3, 2012.

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Photo: Silver medallist, Sarah Walker of New Zealand, celebrates during medal ceremony for the Women's BMX Cycling Final on Day 14 of the London 2012 Olympic Games at BMX Track on August 10, 2012 in London, England. © Bryn Lennon/Getty Images 150109649.

Photo: Laura Thompson and Phillipa Gray of New Zealand compete in the Women's Individual B Time Trial on day 7 of the London 2012 Paralympic Games at Brands Hatch on September 5, 2012 in Longfield, England. © Hannah Johnston/Getty Images 151271707.

Photo: The New Woman: Bloomer garbed, derby hatted, on bicycle. © Bettmann/Corbis F2055.

Photo: Cycle courier. © Bigstock.com 39468217

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Cover image: Racing cyclist. © istockphoto.com 6630025

Photo: Man riding a Boneshaker bicycle 1870s.

© Alexander Turnbull Library 1/4-008609-G

Photo: Girl on bicycle decorated as the ship Terra Nova.

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Photo: Phill Mansell on his penny-farthing bicycle. 24 April 1929.

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Photo: Christchurch bicycle band ca 1895.

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Photo: Girl on Unicycle. © istockphoto.com 3188988

Photo: Velotaxi with passengers on Milan street, Italy. © istockphoto.com 6630025

Photo: Blue bicycle with basket. © istockphoto.com 17027423

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