



Te Kura

TE AHO O TE KURA POUNAMU

THE CORRESPONDENCE SCHOOL

Stars

XR404 2015/1



Acknowledgements

Photos – iStockphoto.com

Milky way over mountains, 41019702

Sunrise in space, 22089059

Blue Giant star, 58139368

Southern Cross constellation, 35927716

Venus and crescent moon, 39957768

Cover image: Milky Way above the mountains. Getty images 510272219

Red Dwarf star, NASA

Matariki/Pleiades constellation, M45_filip. NASA

Milky Way at Royal National Park in Sydney, Australia. Getty images 139494347



Stars



Look at the sky at night.

You can see many stars.
Stars are bright lights in
the sky.

Stars are far, far away.




Some stars are big and some stars are little.

This star is little.
It is called a Red Dwarf star.

There are lots and lots of Red Dwarf stars.






This star is a medium-sized star.

It is called a Yellow star.

The sun is a Yellow star.






This star is called a Blue Giant star. It is the biggest and brightest star of all.

Most of the stars we see at night are Blue Giant stars.



A deep blue night sky filled with numerous stars of varying sizes and colors, including white, yellow, and blue. A faint white grid is overlaid on the sky, with lines intersecting at various points. The text is positioned in the upper left quadrant.

Some stars make a pattern
in the sky.

This is Matariki.



This is the Southern Cross.

A photograph of a starry night sky. The background is a deep, dark blue-black, densely populated with stars of various magnitudes. Several prominent, bright white and yellow stars are scattered across the field. In the upper right quadrant, a distinct pattern of five bright stars forms a cross, which is the Southern Cross constellation. The overall appearance is that of a clear, dark night sky filled with distant celestial bodies.



Some of the bright lights we see in the sky at night are not stars.

Sometimes we can see the planets.

This is the planet Venus and the moon.





Look at the sky at night.
What a beautiful sight!



Discuss with your student

1. Which are the brightest stars?
2. Why are most of the stars we see at night Blue Giant stars?
3. Why is the smallest star called a Red Dwarf star?
4. When Matariki is seen in the winter sky, people celebrate the beginning of the new year. What happens in your community at Matariki?
5. The Southern Cross has been used by people to find their way. What else do you know about the constellation of the Southern Cross?

