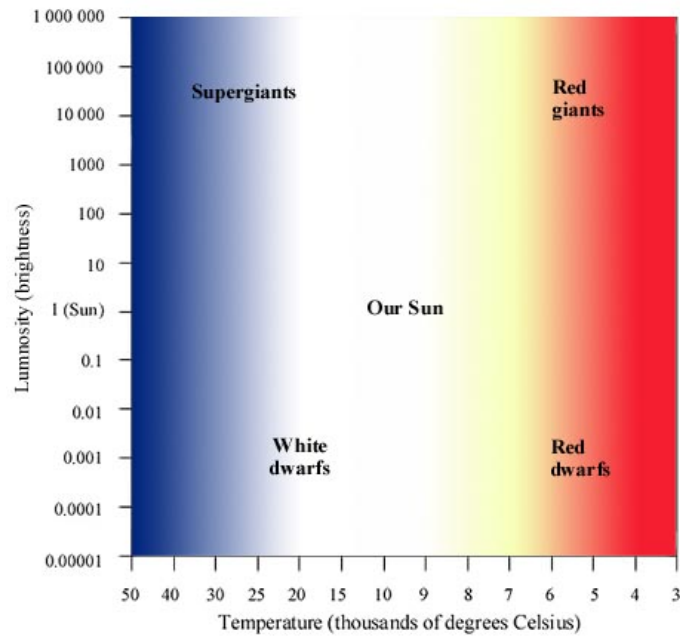


# How hot and how bright?

This task is about reading a graph about brightness and temperature of stars.



a) Which star type has a temperature of 5000°C and a luminosity (brightness) of 70,000?

b) Write in the temperature and luminosity for "Supergiants".

Luminosity:

Temperature:  °C

c) On the graph luminosity is compared with our Sun. What does a luminosity of 1000 mean?

Published on <https://newzealandcurriculum.tahurangi.education.govt.nz>