

# Burning Issues

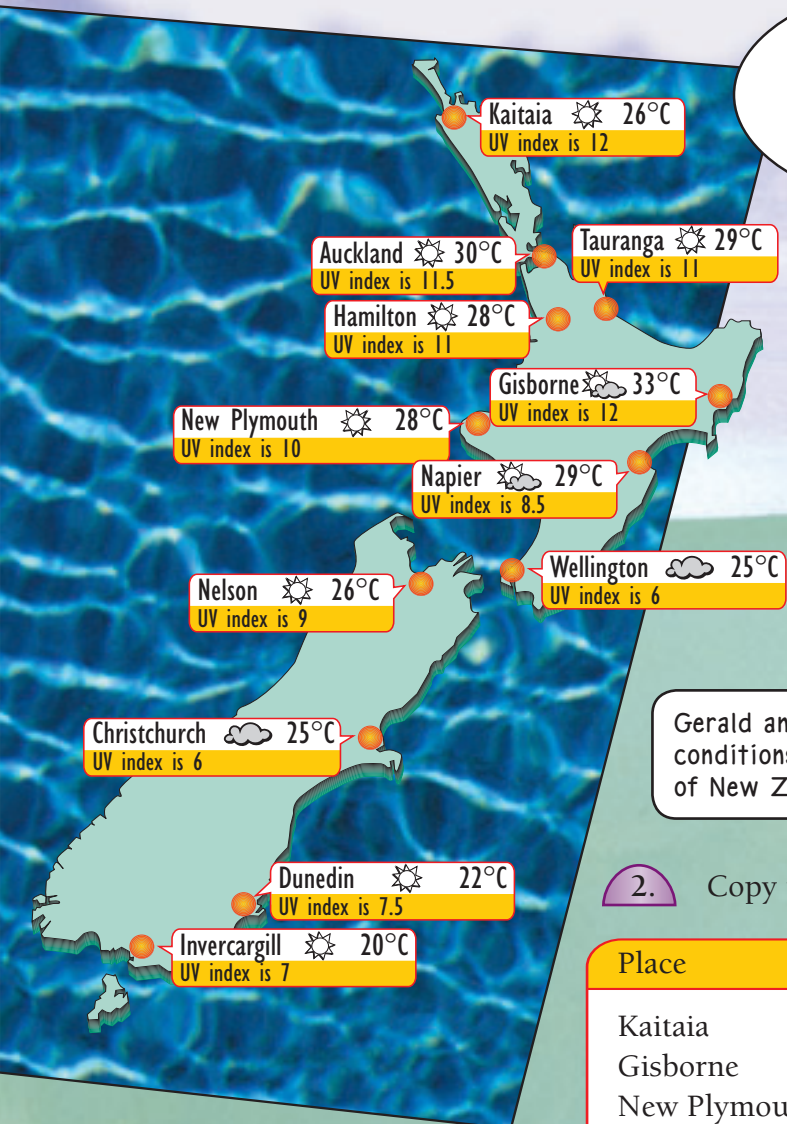
You need  a classmate

## Activity

Scientists and doctors want people to be aware that exposure to ultraviolet (UV) rays can cause sunburn and skin cancer.

Gerald and Lisa are discussing what they have read about UV radiation.

- Below is a weather map of New Zealand for 1 p.m. in the middle of summer. Use the data shown on this map to check what Gerald and Lisa have found out. Discuss your findings with a classmate.



Temperature has nothing to do with UV. A hot, overcast day can have lower UV than a cool, cloudless day.

UV is lower when it's totally cloudy. But there's no clear rule for partly cloudy skies.

Gerald and Lisa also learned that if the weather conditions are similar, UV is higher in the north of New Zealand than in the south.

- Copy this table into your book and complete it.

Place	UV index	Temperature	Weather
Kaitaia			sunny
Gisborne			partly cloudy
New Plymouth		28°C	
Nelson	9		
Christchurch			overcast
Invercargill			

