

If you can't see or feel UV, how do you know it's there?



1. Visit the following websites:

- SunSmart: www.sunsmart.com.au
- Australian Radiation Protection and Nuclear Safety Agency (ARPANSA): Radiation Basics – Ultraviolet Radiation <http://www.arpansa.gov.au/basics/uvr.htm>
- Bureau of Meteorology: Forecasts for Sun Safety - http://www.bom.gov.au/info/about_uvb.shtml

2. Research information on **ultraviolet (UV) radiation**. Answer these questions:

- ~ What is UV radiation? ~ How does it reach us?
- ~ How does UV radiation differ from infrared radiation (heat)?
- ~ What time of the year is the sun's UV radiation most intense in Victoria?
- ~ What is the SunSmart UV Alert and how can it help you? (Hint: check the weather page of your daily newspaper)
- ~ At what UV Index level do you need to start using sun protection?
- ~ What effect does overexposure to UV radiation have on your skin?
- ~ How can you protect your skin from the sun's UV radiation? What combination of 5 sun protection measures is necessary?

3. Use what you have learnt about UV radiation to develop a 'UV radiation' information postcard.

Target audience: 14 – 16 year olds

Purpose: to inform young people about the dangers of UV radiation

Distribution points: surf shops, sports stores and cafes in coastal towns

As you design the postcard, remember that you have limited space and need to create something that presents the information clearly and succinctly and also appeals to your target audience. You want teenagers to actually pick it up and read it! How would you convince someone that exposure to something you can't see or feel can be harmful to your skin and possibly lead to skin cancer?

UV RADIATION POSTCARD DESIGN