

## Activity – What’s the risk?

### Activity sheet B – What’s your risk?

---

The strength of the Sun’s UV radiation is expressed as a solar **UV index**. The higher the value of the index, the greater the danger from the Sun and the less time it takes to damage your skin. UV radiation can pass through cloud, so the UV index can be high even when the Sun isn’t shining. To work out your **burn risk** at any time, you need to know your **skin type** and the UV index.

1 Complete the sentences below.

- a) The UV index is a measure of the strength of the Sun’s \_\_\_\_\_.
- b) The value of the UV index is affected by where you are in the \_\_\_\_\_, the time of \_\_\_\_\_ and the time of \_\_\_\_\_ as well as the \_\_\_\_\_ and \_\_\_\_\_.

2 Which **two** factors do you need to consider when calculating the risk of getting sunburnt on any day?

---

3 a) Describe **three** characteristics of a person with type I skin.

---

---

---

b) Describe **three** characteristics of a person with type VI skin.

---

---

---





4 Why do people with type I skin get sunburnt more easily than people with type VI skin?

---

---

# Skin cancer

5 Complete the table.

Skin type	UV index value	Risk of sunburn
I or II		
III or IV		
V		
VI		

6 a) What is the UV Index where you are today? \_\_\_\_\_

b) i) What skin type do you think you have? \_\_\_\_\_

ii) Is your risk of sunburn high, medium or low today? \_\_\_\_\_

7 a) Look at the UV index forecast for Europe today. Name *one* country in which your risk of sunburn be:

i) low \_\_\_\_\_

ii) medium \_\_\_\_\_

iii) high \_\_\_\_\_

b) Would your answers be different if you checked at different times of year?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_