

# Task: UV Radiation - Part 1

Study the UV Radiation Table below, showing the mean percentage of UV radiation that is reflected by different surfaces. The higher the number the more UV radiation that is reflected.

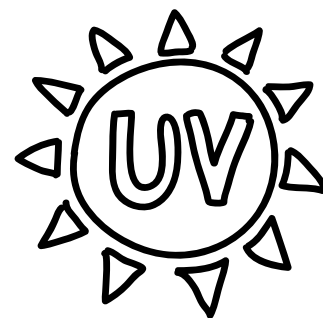
Surface	How Much UV Light it Reflects (%)
Asphalt	6
Beach Sand	
Wet	5
Dry	14
Concrete	
New	12
Old	9
Gravel	7
Lawn (Grass)	2
Red Brick	6
Sea Surf	26
Snow	
New and Dry	90
Old and Dry	66
White Paint	3
Tennis Court	20
Wooden Boards (Deck)	6

Source: Mean numbers used, rounded to the nearest whole number, as found in Turner J & Parisi AV (2018). Ultraviolet radiation albedo and reflectance in review: The influence to ultraviolet exposure in occupational settings.



## Task: UV Radiation - Part 2

Design a **Sun Safe Outdoor Space/Playground.**



Tip: Use your knowledge of the Sun and the UV radiation it emits to assist with the surfaces you choose for your design.

A large, empty white rectangular area intended for the student to draw or write their design for a sun-safe outdoor space or playground.