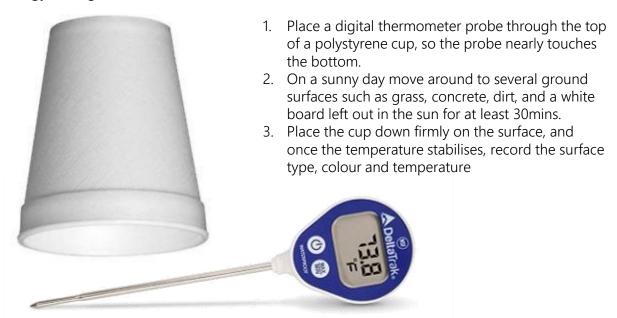
## Albedo Effect

## **Junior Science**

Resources

The Albedo Effect is the result of different coloured surfaces reflecting, and absorbing different wavelengths (colours) of visible light. White surfaces reflect all wavelengths of visible light, and black surfaces absorb all wavelengths. Different colours have different energy waves, with red at a lower energy than green and violet



Surface	Colour of surface	Temperature °C

- 1. What coloured surface had the highest temperature reading?
- 2. What explanation can you give for this?
- 3. What coloured surface had the lowest temperature reading?\_\_\_\_\_
- 4. What explanation can you give for this?
- 5. If ice and snow melt, caused by raising global temperatures, caused darker rock or earth underneath to be exposed, how do you think this might effect the temperature of the surround area?