

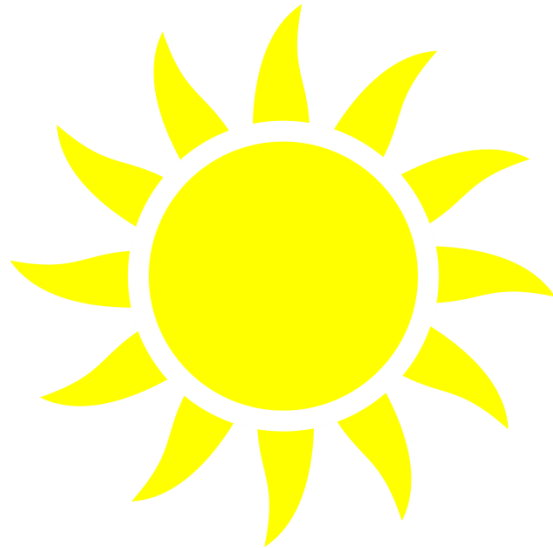
A vibrant blue sky filled with fluffy white clouds. A bright sun is positioned in the upper left quadrant, casting a powerful glow and creating a series of radiating light rays that spread across the entire frame. The overall atmosphere is bright, cheerful, and sunny.

# Sunshine

By Fionn and Killian

# Do we really need the sun?

- ❖ The sun is vital to us.
- ❖ If we didn't have the sun we wouldn't be able to live.
- ❖ Neither would animals and plants.



# How is the sun so vital?

- It's simple.
- If the sun didn't exist neither would we.
- We need vitamin D and oxygen which the trees provide.
- We wouldn't have anything to eat either because animals wouldn't be able to live.



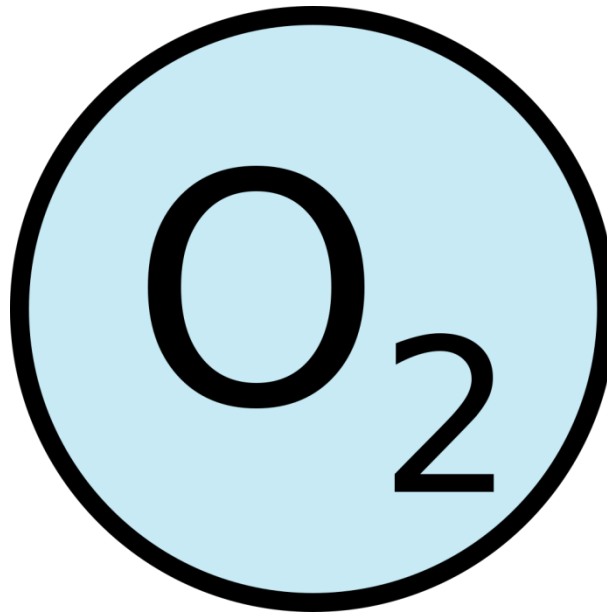
# How do we get Sunshine

- It takes the sunlight just over 8 minutes to reach Earth.
- The light travels to Earth in many forms
  - light beams
  - ultraviolet radiation.
- Some of the light beams are visible to the human eye, other are not.
- Insects see more radiation than humans!



# The Sun

- The sun is made up of 70% hydrogen gas
- It is also made up of 28% helium gas
- And 2% metals



# How to stay safe in the sun.....

- Drink plenty of water
- Put on a lot of sunscreen
- Stay out of direct sunlight



# Did you know

- The sun is a star, it is one of 100 billion stars in our universe
- The sun is 93 million miles away from earth



# How do we record sunshine

- ❖ We use a Campbell - stokes recorder to record sunshine
- ❖ It consists of a spherical lens
- ❖ This glass ball focuses the sun's rays onto a cardboard strip
- ❖ The sun's rays burn a track in the cardboard strip





# Thanks for watching

By Fionn and Killian