



Highly Commended

Science Writing

Year R-2

Emma Zuo

St Andrew's School



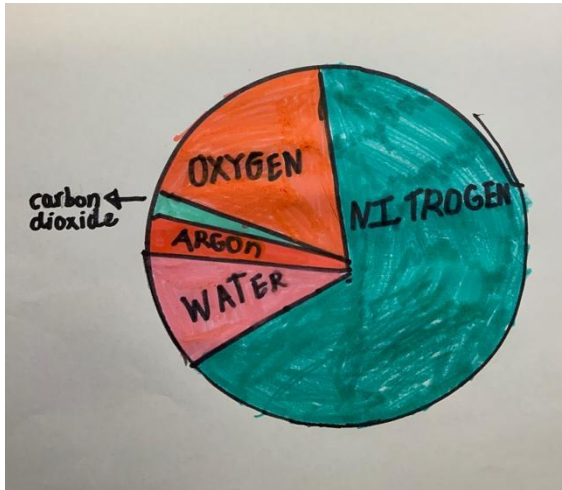
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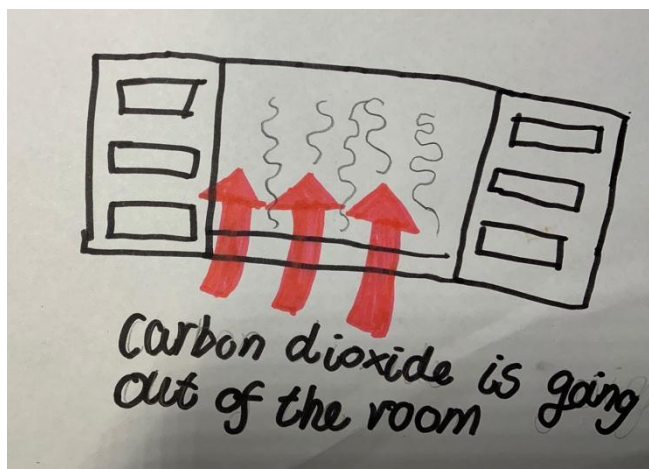


Air Quality

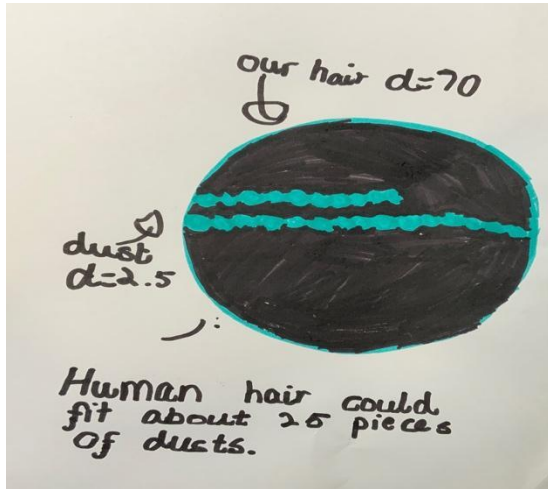
Air is important for living things. Animals, plants and humans need air to survive. In the air, there are gases, such as nitrogen, oxygen, carbon dioxide CO_2 and water vapour, and also there are lots of small particles, like dust, pollen and smoke. Air quality affects our health and environment.



Indoor air quality is measured by the concentration of CO_2 , humidity, temperature and dust. CO_2 comes from our breathing, cooking and gas heater. A high concentration of CO_2 can lead to dizziness, sleep and even asthma. Scientists suggest that opening windows regularly would effectively reduce the level of CO_2 inside the room.



Dust are tiny particles with sizes range 1-400 micrometers. PM2.5 particles are fine enough to enter the lung and bloodstream hence causing lung irritation, runny nose and short breath. The outdoor



sources of dust are exhaust gas from vehicles and bushfires. The indoor dust comes from tobacco smoke, cooking and burning candles. To reduce the effect of dust, it is suggested that apply an air purifier to control air quality. Also wear a facial mask during the outdoor activities if the air quality is poor.

In conclusion, clean air is important for the health of families. We need to monitor and maintain the high level of air quality.

Reference

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