

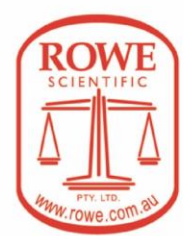


**Prize Winner**

**Science Writing  
Year R-2**

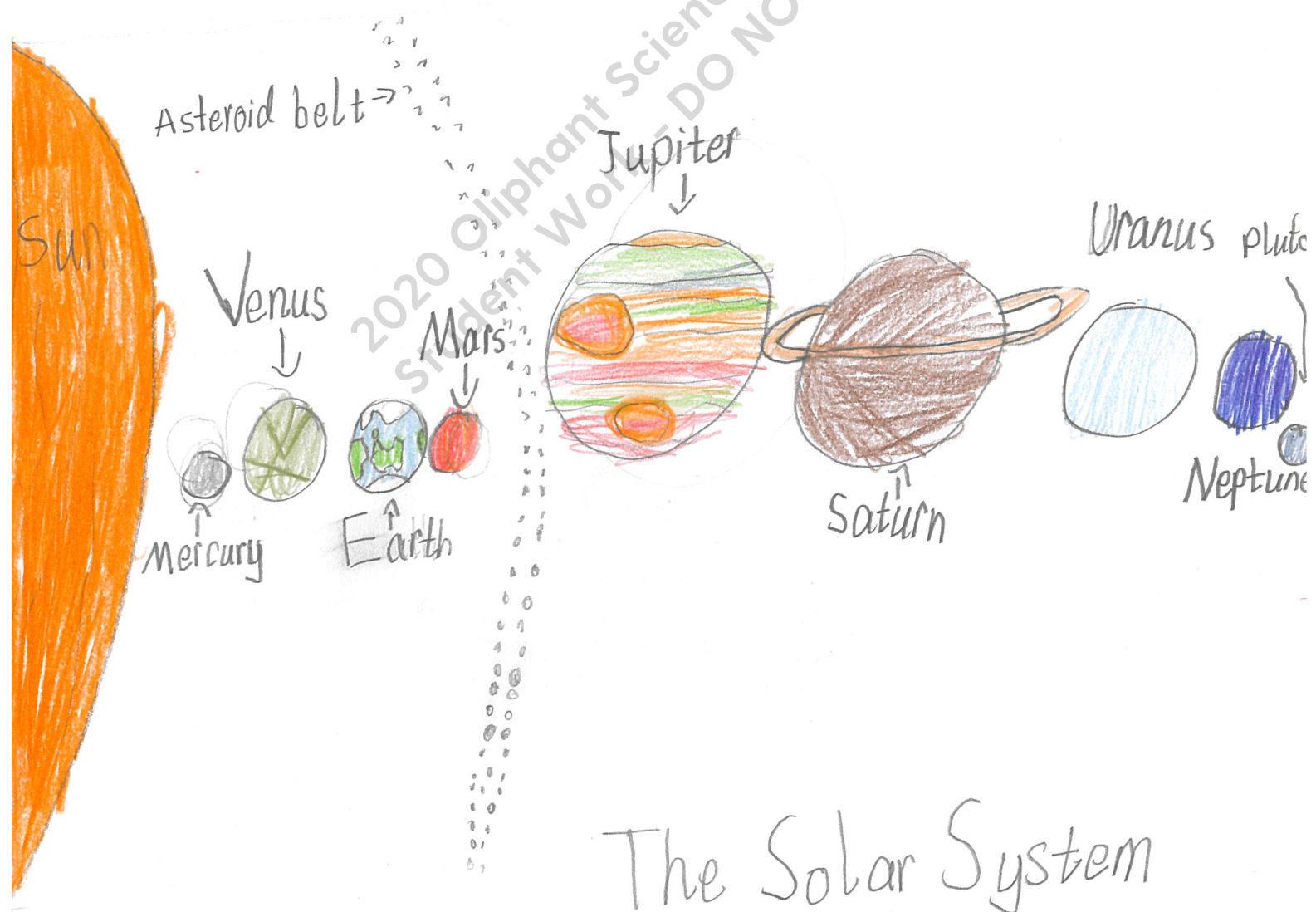
**Anna Luo**

**St Andrew's School**

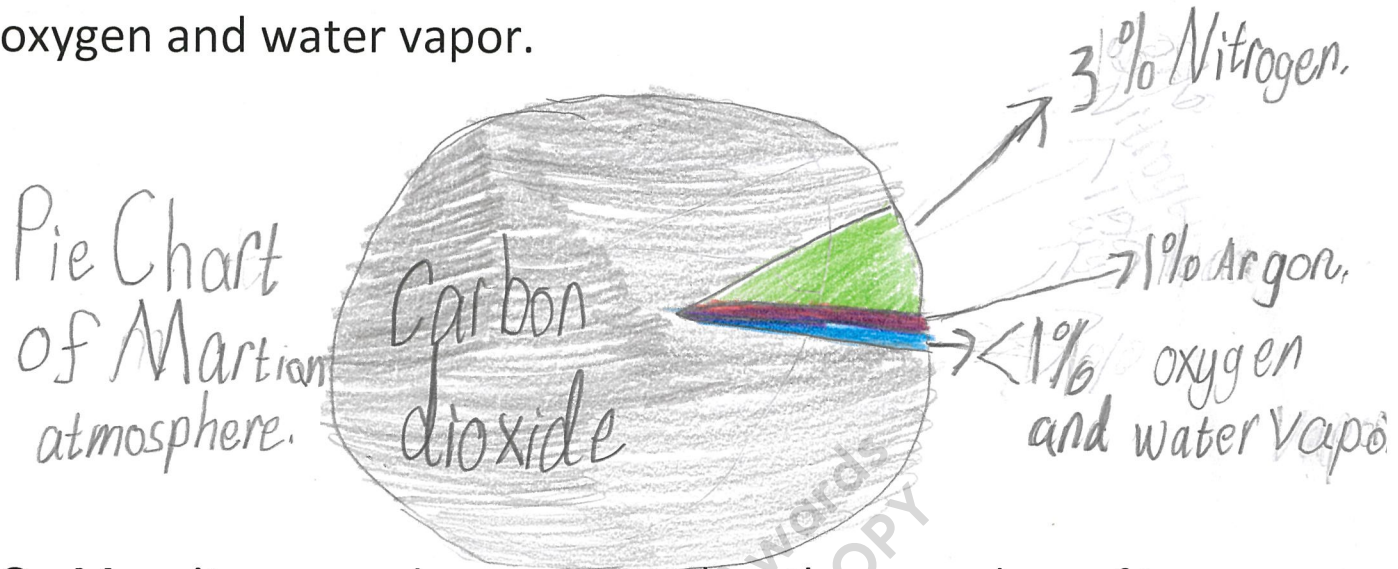


# Living on Mars

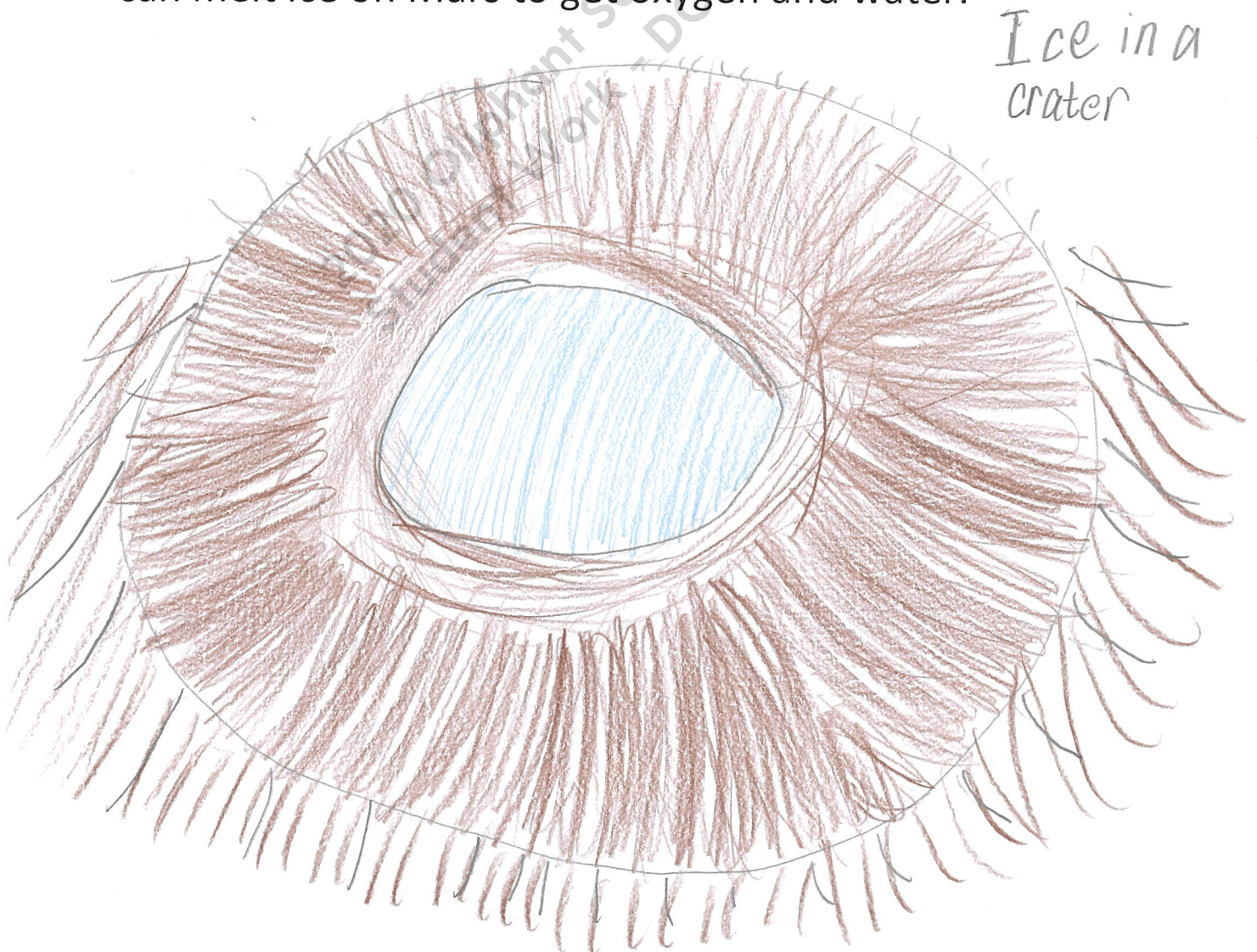
In the Solar System, Mars is the fourth planet nearest to the Sun and is the most Earth-like Planet. Mars is made of rocks and metals, so it has a solid ground. Mars' average temperature is around  $-63^{\circ}\text{C}$  and its maximum temperature is  $20^{\circ}\text{C}$ . Mars has less gravity than Earth. People need air, water, shelter, food, and energy to survive on Mars.



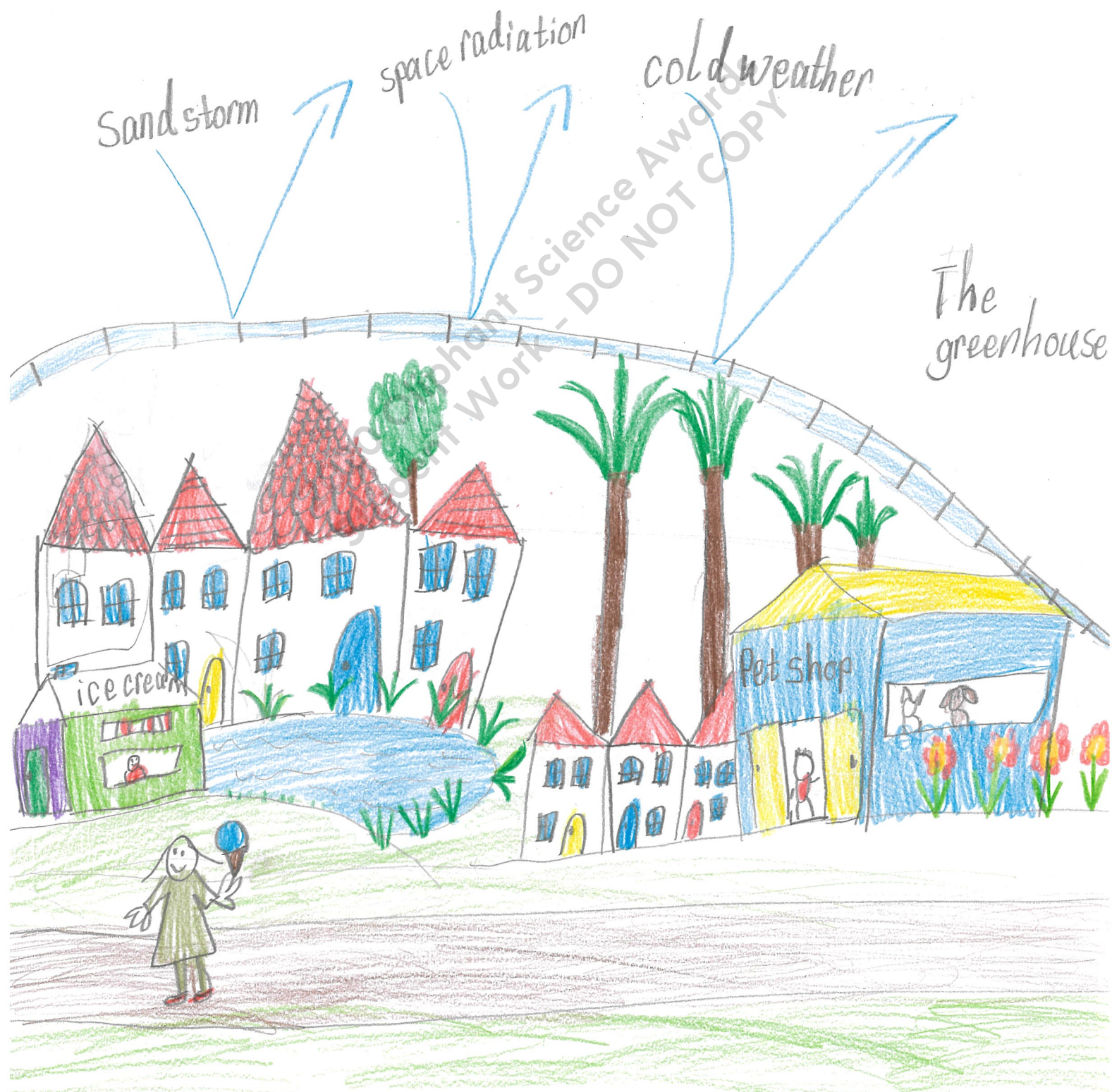
Mars has a very thin atmosphere. Most of the gas in the atmosphere is carbon dioxide, and less than 1% of oxygen and water vapor.



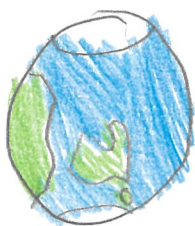
On Mars it never rains or snows, but there are lots of ice underground, mostly found at the poles of Mars. We can melt ice on Mars to get oxygen and water.



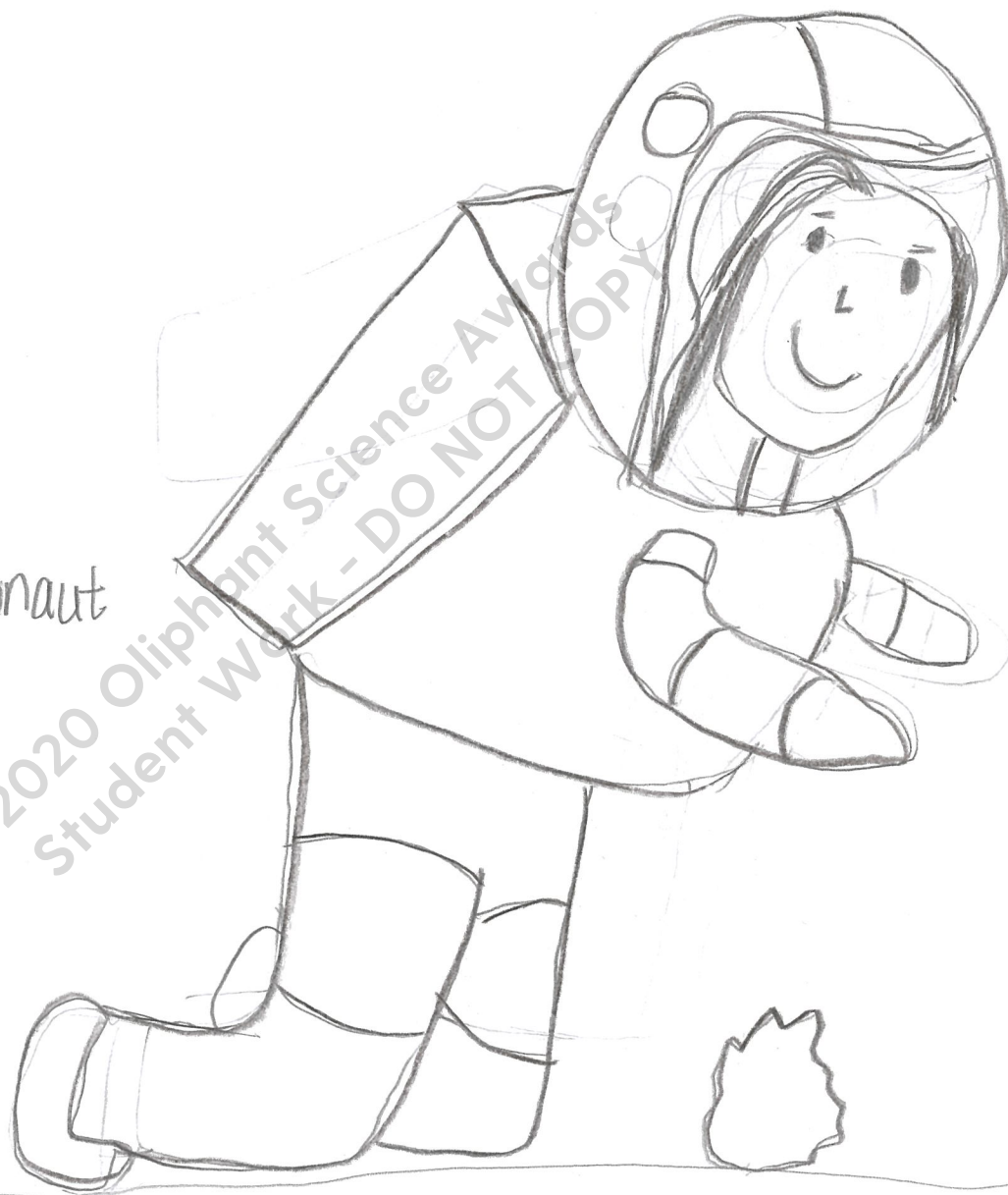
Greenhouses can be built from ice, which will protect us from extreme weather and space radiation. Plants can grow in greenhouses. Scientists found most important nutrients that plants need can come from Martian air and rocks. Energy can be brought from the Sun by Solar panels.



Since 1957 people have sent more than 40 satellites and rovers to explore Mars, some failed. When I grow up, I would like to be an astronaut and fly to Mars.



Me the astronaut



# Bibliography

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