

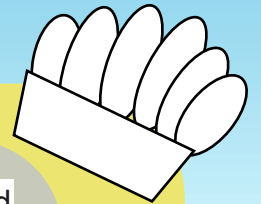
Name: Brandon Fell

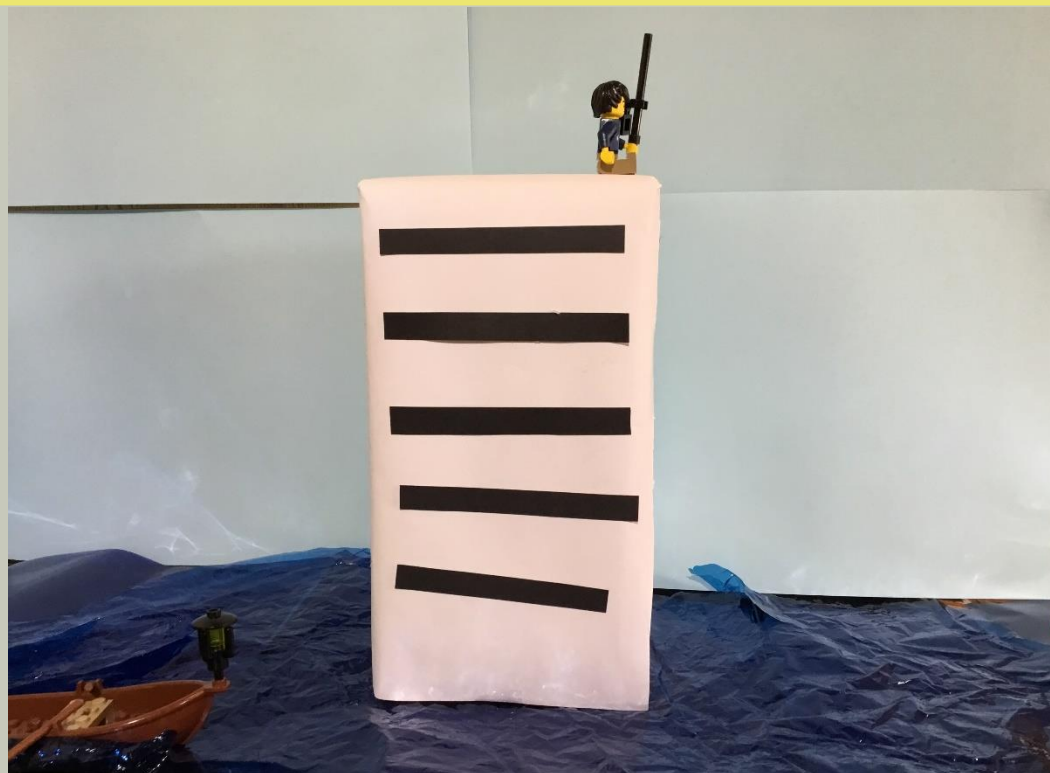
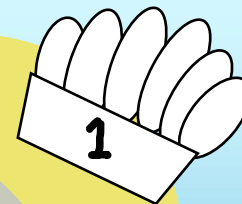
Division: Upper Primary (Year 6)

School: Forth Primary

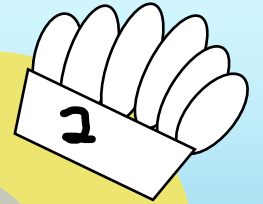
The 100 Year Disaster!

We love our homes, yet because of us, in the next 100 years we can expect to see large quantities of our land disappear (image 1). It's all due to burning fossil fuels. Burning fossil fuels traps heat inside our atmosphere. Water expands when it is heated (image 2). It's not just water expanding that's the problem while we are burning fossil fuels. As we are heating the atmosphere, ice is melting and further damaging our planet. If all the ice melted on our planet, our sea levels will rise 65 meters from what it is today, which would lead to our Australian map to look different (image 3, 4). Even if we were able to prevent sea levels from reaching our land, we will continue to see storms intensifying. Approximately 2 horrific storms will happen every 10 years (image 5). If we don't stop burning fossil fuels, which is causing this issue, it will not stop. So coastal cities will need to prepare (image 6). Sea walls are one of the solutions that are being investigated (image 7). But how high are we willing to build these before we stop burning fossil fuels (image 8)?

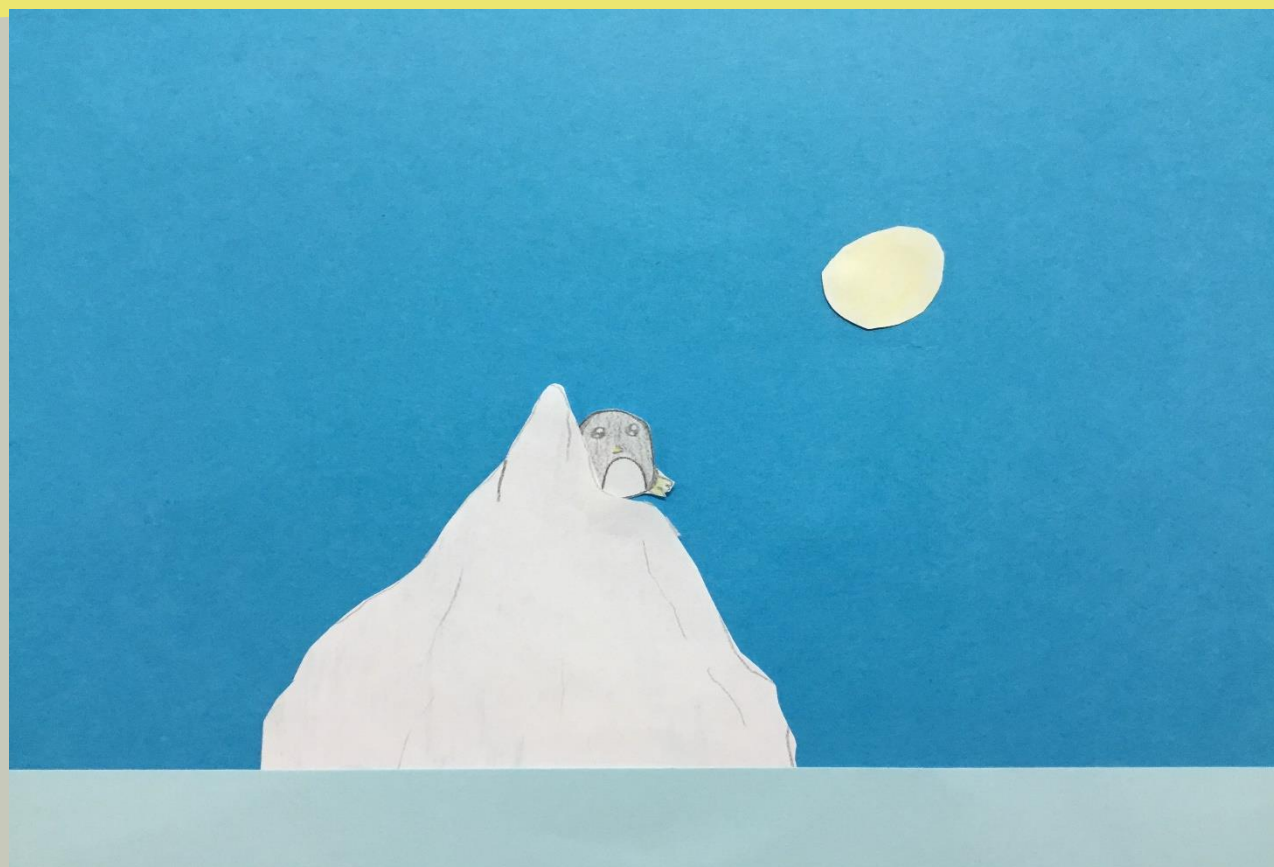
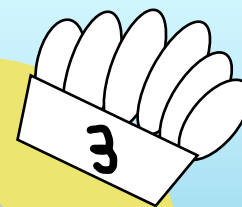




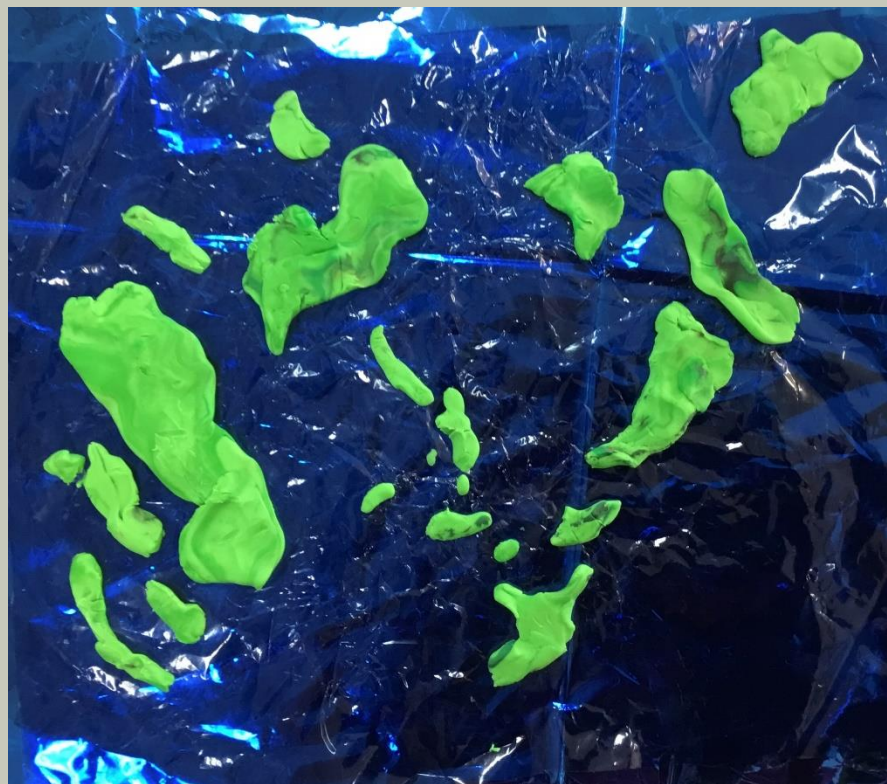
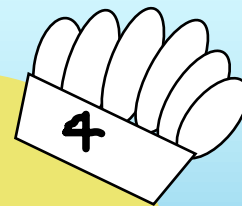
We love our homes, yet in the next 100 years, we could expect to see our land disappearing.



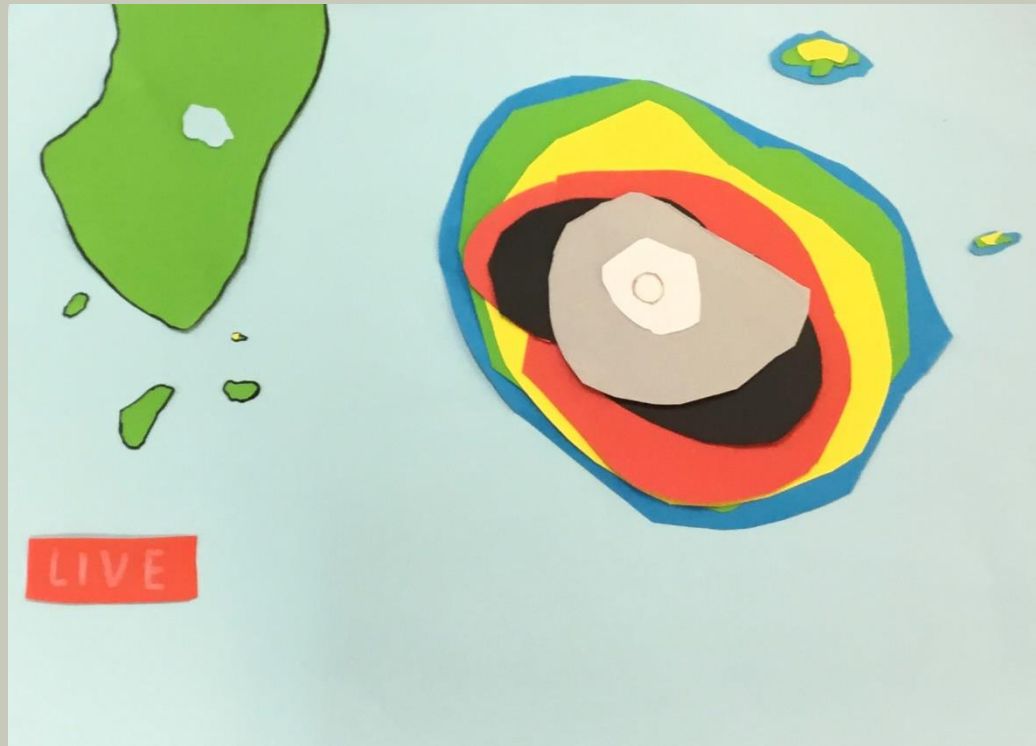
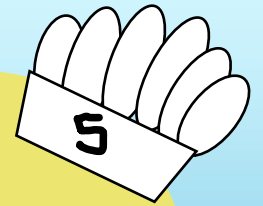
Due to greenhouse gases, the heat is being trapped in our atmosphere and water needs heat to expand.



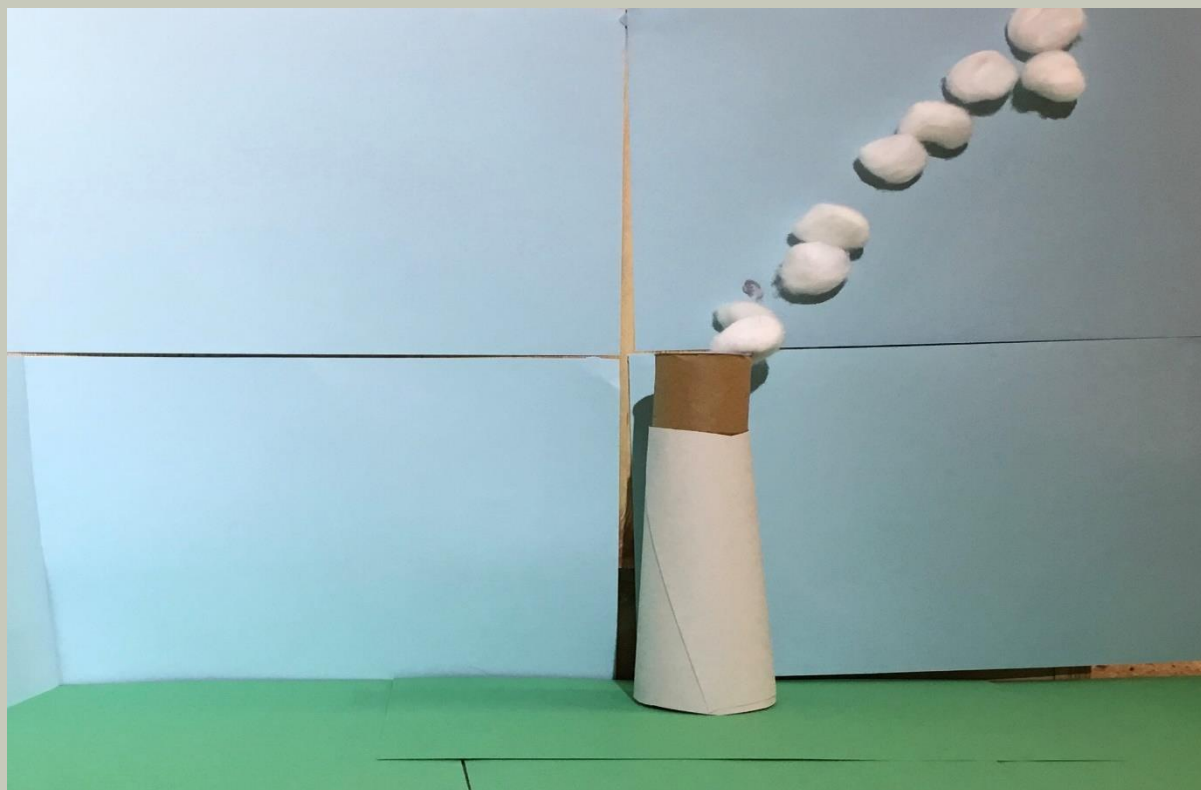
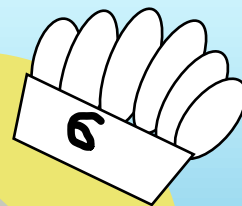
It's not just water expanding that's the problem.
The heat will melt the ice.



The sea could rise 68 meters above what it is today, which means our Australian maps will look different.



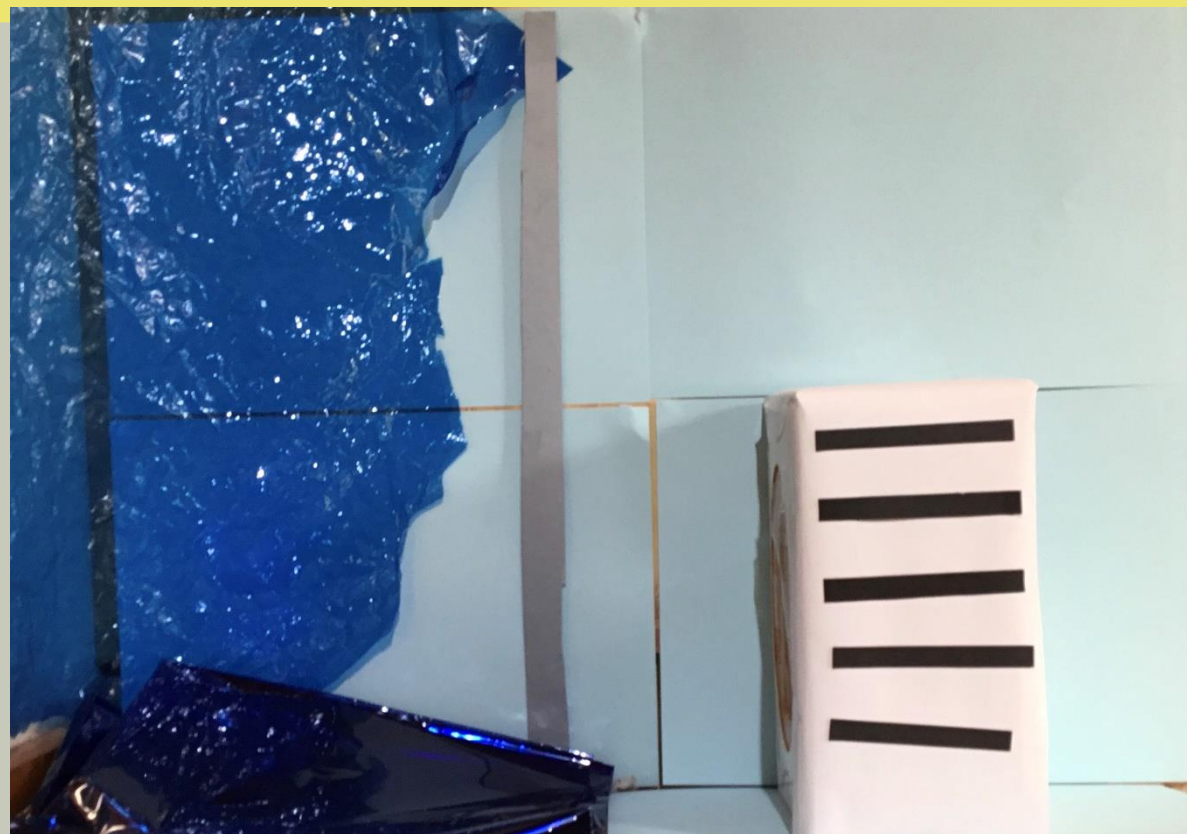
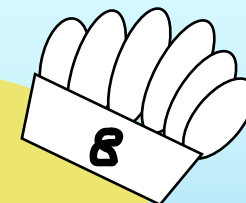
Even if we were able to stop the ocean from reaching our land, storms are going to get worse.



If we don't stop burning fossil fuels, the sea will continue to rise, so coastal cities will need to prepare.



Building sea walls to stop the water from reaching our land will help.



But how high are we willing to go?

Photos

Photo 1- building underwater

Taken on 11th of June 2020

Cropped

Photo 2- diagram of greenhouse gases

Taken on 16th of June

Cropped

Photo 3- penguin on iceberg

Taken on 11th of June 2020

Photo 4- Australian map in 100 years

Taken 17th of June 2020

Cropped

Photo 5-hurricane

Taken on 16th of June 2020

Cropped

Photo 6-burnig fossil fuels

Taken on 14th June 2020

Cropped

Photo 7-sea wall

Taken on 13th June

Photo 8-sea wall and the city

Taken on 14th of June

cropped

Bibliography

National Geographic.
(2019). Sea Level Rising,
Explained.

<https://www.nationalgeographic.com/environment/global-warming/sea-level-rise/>

Acknowledgements

Dylan (brother): prop

Mrs Fell (mother): supplying materials and driving to bluff.

Mr French(teacher): supplying materials.

