

THE ROCKET

Design and Make Competition

The Lennox Family

Ms O'Gara

Jack (10), Daniel (6), Maura & Darren

24/04/2020

By Jack Lennox



Our Idea

After a lot of discussion we finally decided that we would create a Oil fuel **Space Rocket**.

Why:

Because....Rockets are big, powerful, fast & they fly to space.

We care for our environment and the future of the earth so our rocket is powered by fruit and vegetable friendly fuel oil.

Space and some facts

We're off on an adventure out of this world to discover space!

But before we start here are some fun Facts about space

- 1) One million Earths could fit inside the sun – and the sun is considered an average-size star.
- 2) For years it was believed that Earth was the only planet in our solar system with liquid water. More recently, NASA revealed its strongest evidence yet that there is intermittent running water on Mars, too!
- 3) Comets are leftovers from the creation of our solar system about 4.5 billion years ago – they consist of sand, ice and carbon dioxide.
- 4) You wouldn't be able to walk on Jupiter, Saturn, Uranus or Neptune because they have no solid surface!
- 5) If you could fly a plane to Pluto, the trip would take more than 800 years!

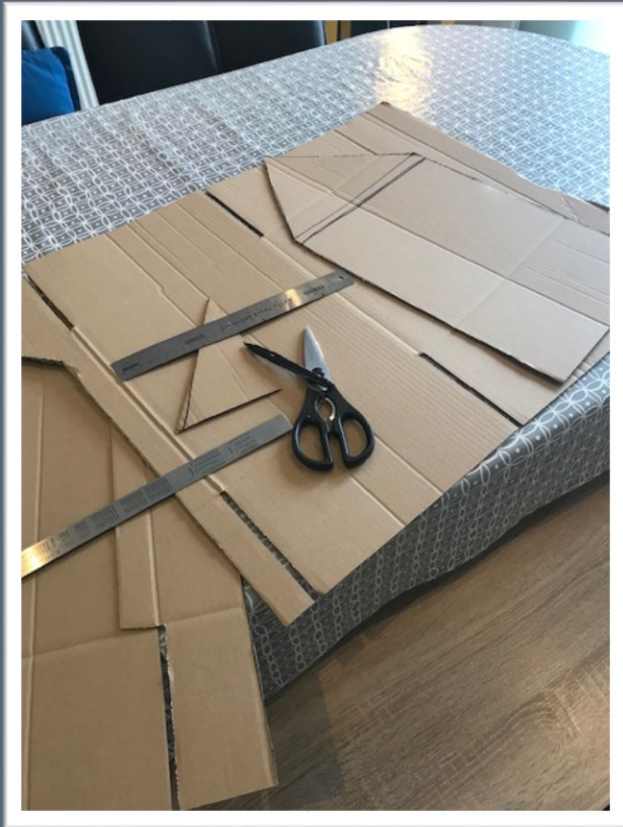
Materials we used

We used all recycled materials

- ✓ Cardboard
- ✓ White paint
- ✓ Black paint
- ✓ Coloured cards
 - ✓ Glue
 - ✓ Scissors
 - ✓ Ruler
- ✓ Colouring pencils
 - ✓ Tinfoil
- ✓ Masking tape

The Process

We first measured out the design of our rocket on the cardboard and cut it out



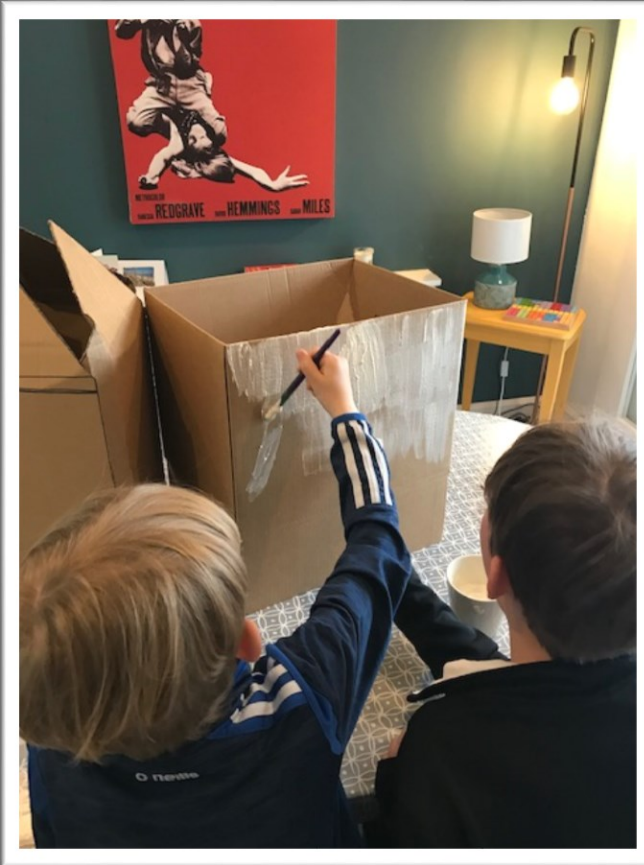
The Process

Cutting out the design



The Process

Painted up the rocket



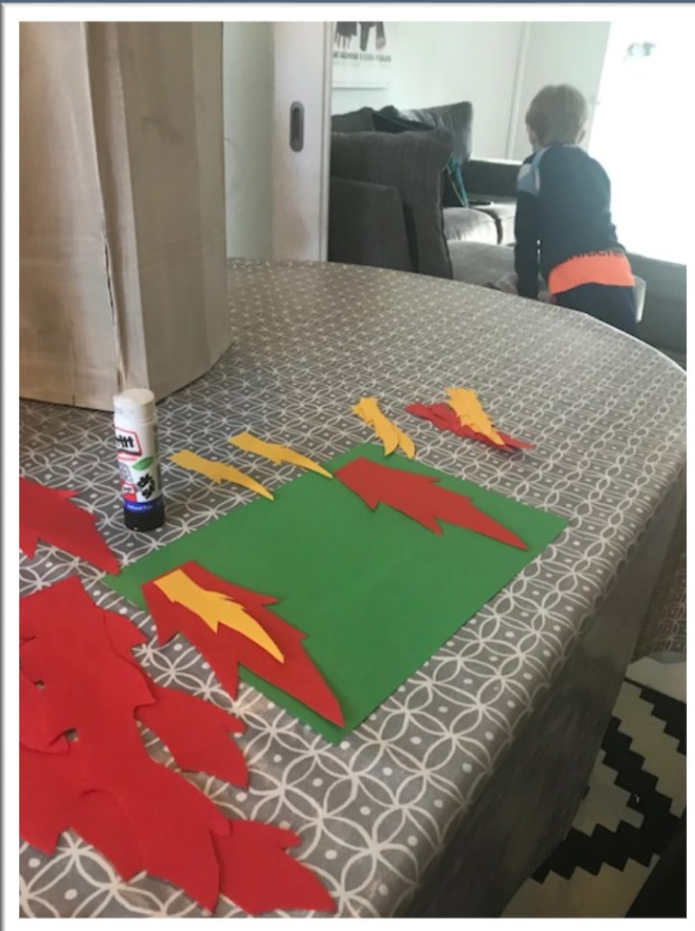
The Process

Painted up the rocket



The Process

Creating the fruit flames



The Process

Creating the fruit flames



The Process

Putting all the elements together



The Process

Putting all the elements together

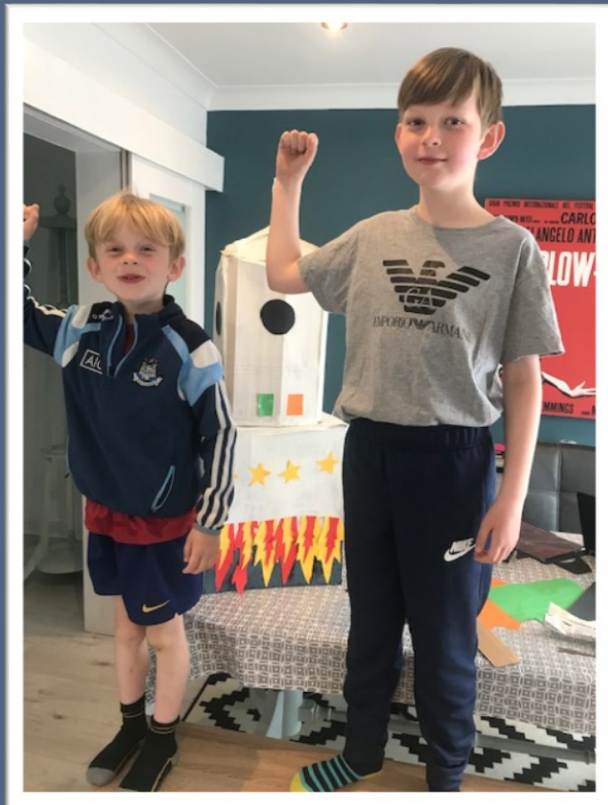


Problems

- We has to paint 3 white layers of paint to cover the cardboard
- Closing in the top of the spaceship was hard
- Measuring the cardboard for the cone spike at the top of the spaceship was hard, because you had to be exact
- The cardboard was hard to cut because it was very thick

Outcomes

- We were all delighted with the outcome of our creation



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Conclusion

It was so much fun working together creating our Space Rocket. It took 4 days but the best part was all working together with my Mam, Dad and Daniel.

I am so proud of our creation.

Jack Lennox

24/02/2020

