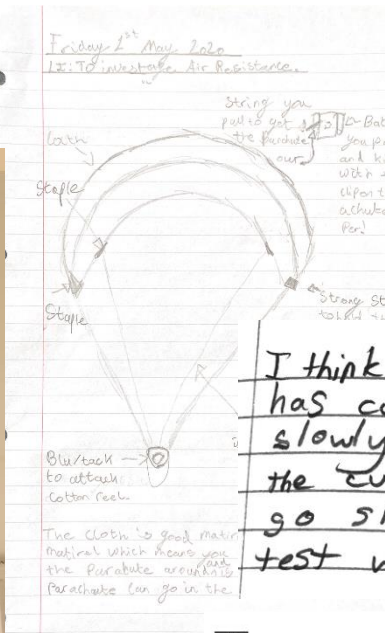


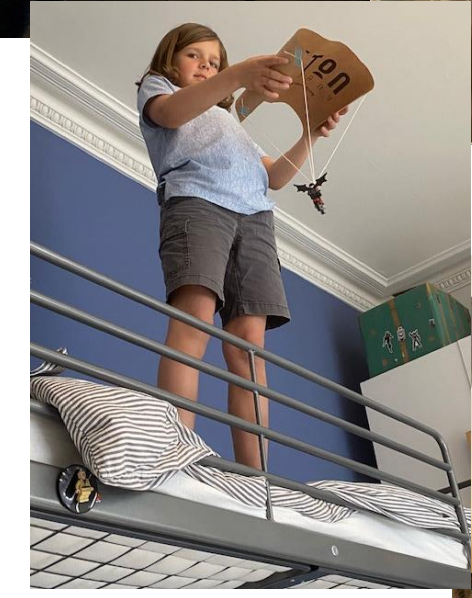
Year 5 have been learning about forces.



We learnt that the force that pulls unsupported objects to the earth is called Gravity.



I think you should use my first test which has cuts at the corners because it falls slowly but still falls. It might worry the customers because they are going go slowly if they have my second test which has no holes.



We learnt the opposing force to gravity is air resistance. We were set a task to design a parachute.



Super Skydiving Report ISLA2

I can explain how air resistance affects moving objects.

The Super Skydiving Company are waiting for your report! How should they redesign their parachute to make it fall slowly? Write a report to tell the company what their parachute should look like or be made of in order to create the most air resistance.

Draw and label your suggestion for the new parachute.

Explain which parachute fell the slowest, and why.

The newspaper fell the slowest because it is the lightest out of the materials.

The new parachute should be A newspaper parachute because it is the lightest material of plastic and cloth.

Next we learnt about water resistance. We learnt that objects that are streamlined will travel more quickly.



We had to design boats using materials we had at home. We then timed how long they took to travel between two points. We had to think about the shape of the boat to make it the most streamlined as possible.



Year 5 Day 5 and 6 1st and 4th May 2020