

# **Forest School 2HR**

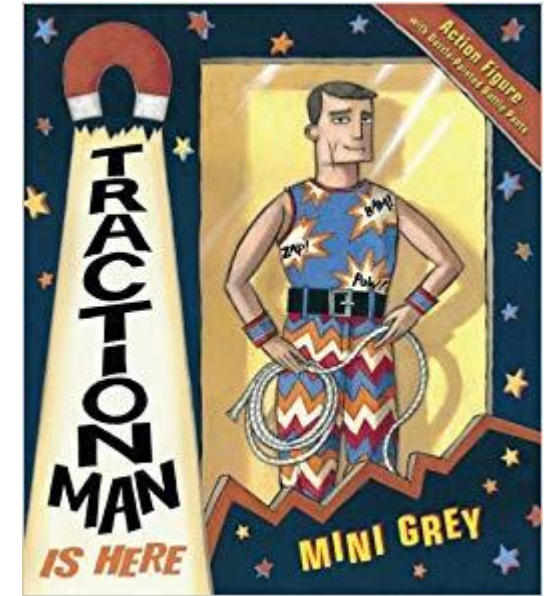
**Autumn Term 2018**

**Week 3  
The Garden**

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# Science Week

This week has been science week in school. We read the book Traction Man and from the book we generated this question:



**What would Traction Man use to build our school?**

To answer this question we began our learning by exploring different materials and their properties.

From this learning of materials and their properties we generated two questions we wanted to investigate.

Our questions were:

- ◉ Which is the strongest material?
- ◉ Which is the weakest material?

To test the strength of a range of materials we made models of our school using these materials:

- ◉ Plastic – Lego bricks
- ◉ Wood – sticks
- ◉ Paper
- ◉ Straw

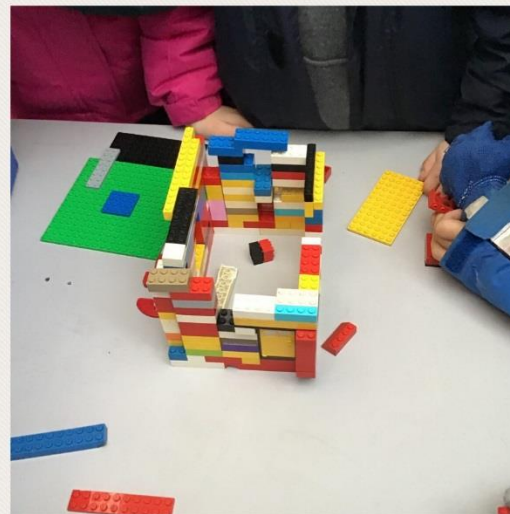
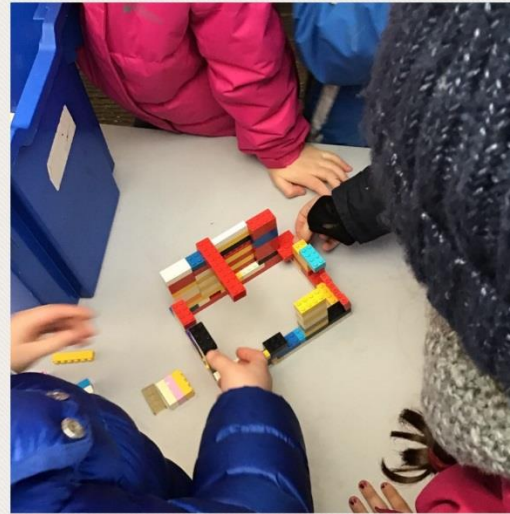


We tested which material was the strongest and also the weakest by blowing the models with a hairdryer.

To make sure our investigation was a fair test we used the same setting on the hairdryer and put each model the same distance away from the hairdryer.



# Material: Plastic – Lego bricks





# Material: Wood - Sticks





# Material: Straw



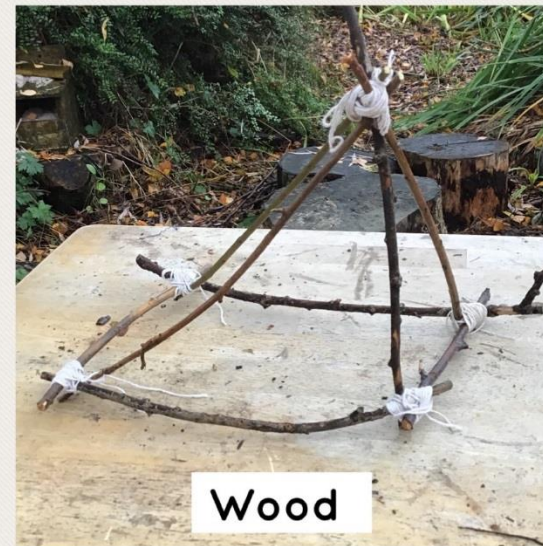
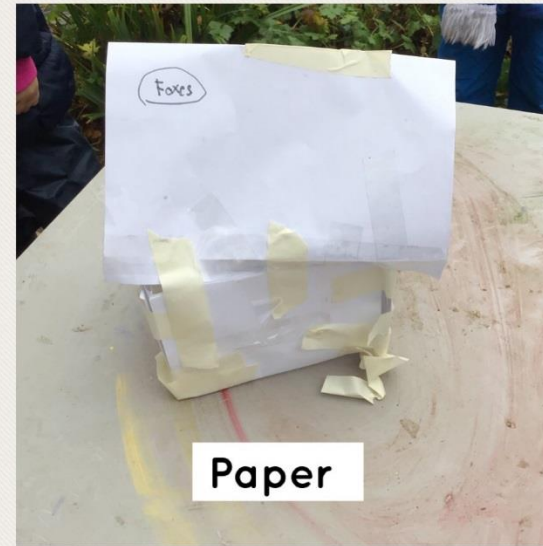


# Material: Paper





Each group had different ideas and thought of different designs.

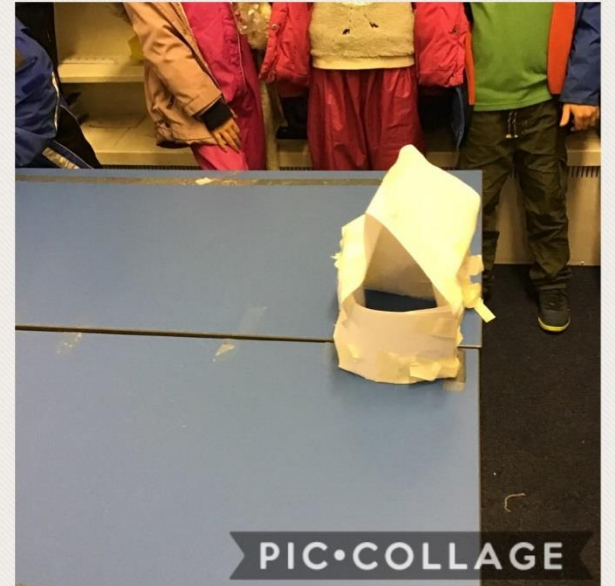
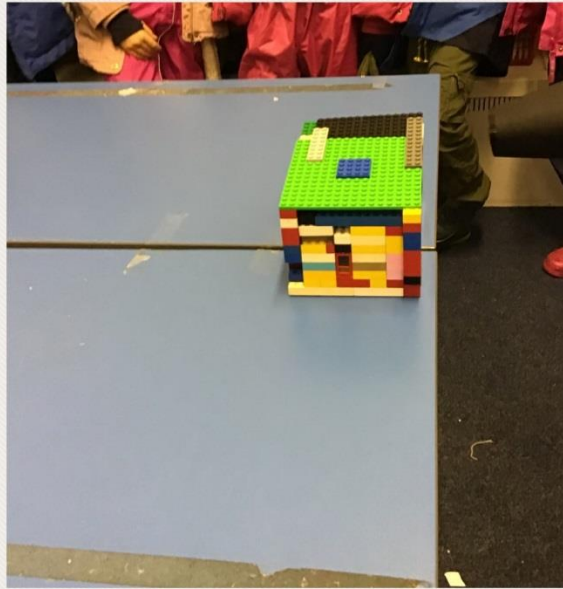
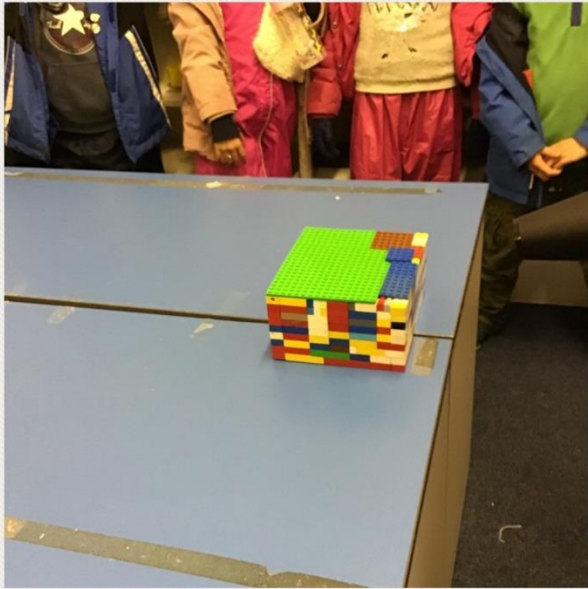




# Results

- We discovered that **plastic** was the **strongest** material and **paper** was the **weakest** material.
- The plastic - Lego models didn't move at all when blown with the hairdryer.
- The wood – stick models were also fairly strong. They didn't move but wobbled when blown with the hairdryer.
- The straw models were weak as they were blown across the table.
- The paper models were the weakest. They blew right off the table onto the floor!



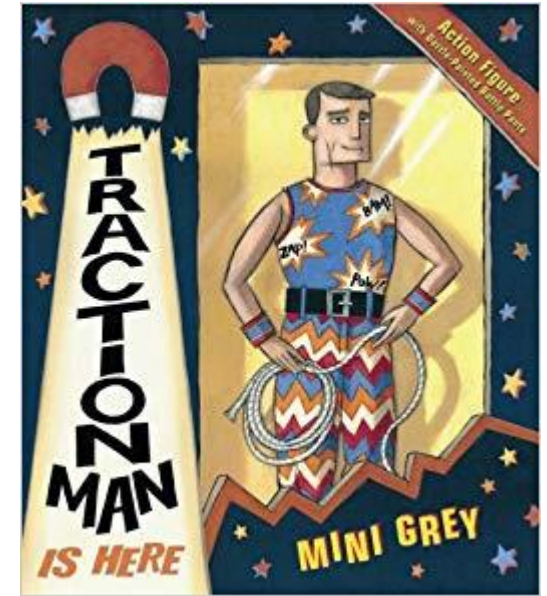


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# Conclusion

- We concluded that Traction Man would use plastic to build our school because it is the strongest material.
- It is hard but isn't heavy.
- It comes in lots of different colours and can also be transparent.
- It is also waterproof.





## In the Afternoon...

We made tomato soup!

We named and discussed each ingredient. We also learnt how to hold knives carefully. Then we all had a turn at chopping and peeling the ingredients and adding them to the pan.

It smelt delicious and we couldn't wait to taste some!







We also looked very carefully at the changing colours of the Autumn leaves and made some super observational drawings.