



# SCIENCE WEEK

## Science Boffin Assembly



The science Boffin member Harry came to Shire Oak Primary School and blew the children's mind. Harry did four experiments, the first one was a cup experiment to show how slush powder absorbs water. In the experiment he put water in one cup and moved them around to see which one it was in.

thing through a balloon and out the other side it won't deflate.

Isabel, a student in year four, said, "I found it funny as well as being interesting." Jack said, "It was great as well as being full of information."

He then did an experiment with flash paper to show once it's alight it won't go out until it's gone. The fourth and final experiment was elephant toothpaste. This was to show how chemicals react to each other. We used...

- liquid soap
- potassium iodine
- H<sub>2</sub>O<sub>2</sub> hydrogen peroxide

The experiment resulted in the strange mixture over flowing.

**Safety First** - The rules were...

- Do not play with fire
- Do not mix chemicals if you don't know what they are.
- Do not drink the chemicals or touch without safety gloves.
- Do not talk when someone is concentrating.
- Overall the children loved it!

**Thank you Harry!**



# SCIENCE WEEK

## SKYPE SCIENCE!!!!



Year 4 skyped Mr. Ian Davies because he was a science teacher. He gave Year 4 some tasks. Some people did the first, others the second and the rest the third. The challenges he set were - 1. What is the best shape for leaves?

2. What shape of leaf is best to shed water?

3. Are trees the best shape?

They are going to skype him next week to share the results.

Kelsey in Year 4 said, "Some were easy and some were hard and I wanted to do a harder challenge."

Mia in year 4 said, "I am confident about the challenge."

## DENSITY!!!

Mr. Killington came to Year 4 to tell them about density. He showed them some things such as an egg, a marble, an empty butter tub, a grape, a raisin, an apple and a lump of plasticine. Year 4 had to guess if the different things were dense or not dense and if they would float or not. He also showed them if you put salt water underneath baby lotion the baby lotion lays on top of it. He put some red dye in so the children could see it clearly.



# SCIENCE WEEK

## What a cool experiment!



On Monday year 4 did an experiment. We all got different projects, but I think our groups were the hardest out of all of them.

The group I was in had Brooke, Ibrahim, Jago, myself Lewis, Naomi and Melita.

Our project was to see - What is the best shape for leaves.

So we thought that we could see how much water the six leaves could carry.

To be honest it did not turn out that well to start off with ...

To be honest it did not turn out that well to start off with ...but after we got up to standard we did pretty well.

The first leaf we tested was the biggest leaf of all ,it had 10ml .The next leaf which was the spiky leaf which had 4ml the next one had a surprising 0ml same with the next one 0ml and finally a result of 6ml.

### THE BALL EXPERIMENT

For this next experiment we stayed in the same groups but we did something different. We listened to a story Mr. Marshall told us. The story was about these kids who wanted to see which ball could bounce the highest so we got six balls and tested to see which one could.

We had to get different surfaces to bounce the six ball on.

Our group luckily got the concrete ground because it's harder and it will make the balls bounce higher. The first ball we did got 53cm and that was the table tennis ball. Everybody thought the table tennis ball would bounce the least! The second ball was the hockey ball with 12cm. The small ball had 45cm. The tennis ball had 28cm. The air ball [with lots of holes] had 38cm .And finally the large soft ball had 35cm.

Over all the hockey ball lost on all of the surfaces.

Phoebe said, "The experiment was really interesting because we looked at how it worked!"

Ella said, "The ball bouncing experiment was brilliant because it was a fair test."

I think that the experiment was fair because we dropped the ball from the same height.

**WE HAD A GREAT TIME !!!**



# Science Week

## Year 6 SCIENCE INTERVIEW



This week it is science week so Year 6 went to Ralph Thorsby High school. They went to the science lab to learn some science. I interviewed Shazfa in Year 6. She answered some questions; I asked her and she told me a bit of a recount.

These are the 7 question's I asked Shazfa in year 6.

[1] Were you doing science?  
She said yes.

My second question was what experiments were you doing?  
She said she cooked cabbage and

Made colours with different everyday liquids.

My 3<sup>rd</sup> question was

Did you have a good time? Shazfa said it was excellent. Then my 4<sup>th</sup> question was what was the scientist called? It was a really weird name the, teacher's name was doctor Morell.

5<sup>th</sup> question what was your most favourite thing that

You did? Making different colours. 6<sup>th</sup> question how long were you there? 2 hours she said she had an amazing time. And that was the end of the interview. I can't wait till I'm in year 6.

They went to the high school so they could learn science and also get there experience of high school. They also did lots of different experiments I think it was a good chance for them to get used to high school.





# SCIENCE WEEK

## Zoolab come to Shire Oak



*On Wednesday Caz came to shire oak primary school to show year 3 and 4 some of her pets from her home apparently she has thousands and hundreds of animals in her home.*

*She brought in 1 lizard dragon also 1 trantruler also 1 corn snake also 1 millipede. They were all very interesting to me also her lizard was called Flapjack that is a funny name.*

### *Interviewing*

*Naomi in year 4 said "It was very exciting also the pets were very strange but I thought that they were sweet and kind and cute."*

*Kelsey in year 4 said "It was great also I liked the animals she brought some interesting animals in to show us I hope they come see us again."*

### Maths activities

Year 4 went to year 6 to do some maths activities with them. It was really fun because on each of the tables that I went on there was always great maths games to play. I liked it.



# SCIENCE WEEK

## Experiments and Maths



In year 4 we did an experiment with the questions from skype science. Our group did an experiment with leaves, water can, pole, tape and paper. Other groups did the same thing. The leaves we collected were, spotty loral, big holly, spruce, tiny green leaf, light green leaf and magnolia. Other groups went before my group and Franks group winner of leaf was the triangle leaf with 24ml from the sponges what they squeezed out to get water and they were organized.

The next group was Romans and their question was, are trees the best shape? Lucas built a very tall tree but it fell down by the fan. They used a fan to see if their trees fell down. Natalie's tree didn't fall down by the fan because it was heavy. The next group was Fred's and their question was, are trees the best shape? They used clay to make their trees. After that it was Lewis's group their question was, what is the best shape for leaves.

## MATHS IN YEAR 6

Year 4 went to year 6 to do maths. There were 5 games on each table and 6 people on each table. The first table I was on was quiet easy. The next table it got harder but Archie made it easy. My favourite game out of the whole tables was the car one where you read the instructions to get to the end of the map from the start.

Phoebe's best game was the shape one when you put different triangles together. Also Lucas said his favourite game was "the same one as me that was the car one". Phoebe's hardest one was "the cube one where you have different pieces to make a cube". Lucas hardest one was "the dominos one where you need to match the numbers".

My hardest game was the cube one as well. I thought the maths was challenging but some was quiet easy.



# SCIENCE WEEK

## GROUP WORK



On the 4<sup>th</sup> of February year 4 did some experiments that they had organized in groups. The first and second experiments were a success but all of the other groups had to go in and out fetching water. My groups experiment was where we built 2 models and we put them to the test by seeing which one collected the most water. What happened was completely against what I thought [my prediction was completely wrong].

## ZOO LAB

In science week year 4 and 3 went to the hall and had a workshop about animals and their different habitats. The first animal that we looked at was a tarantula. We were not allowed to hold it because if we scared it it would spray itchy hairs at us. The second animal was a bearded dragon. We all stroked its beard but we soon found out that if you stroked it the wrong way you would get spikes stuck into your skin.

The third animal was a millipede when it was moving about you could feel it tickling you like a hair brush being dragged along your hand. The last animal was a snake it could stretch over 4 people when you held it you felt its skeleton wriggling inside its rubber like skin.

Jago in year 4 said that Zoolab was breath taking because I was looking forward to it.

Frank in year 4 said that it was funny interesting and good.

Isabell in year 4 said that it was .awesome

On the 4th of February year 5 also went to Ralph Thoresby.

Me and reporter Max have just interviewed 2 year 5s about their trip.

Fred. What is your favorite part of science week?

Antony. Going to Ralph Thoresby to do an experiment on gases.

Fred. What was your favorite part of the trip?

Francesca. Doing the experiments.





# SCIENCE WEEK

## YR 6 LAWSWOOD INTERVIEWS!



Roman and Noah went to interview Siraj and Mercedesz in year six about going to Lawnswood High School.

### The questions

1. What was it like at Lawns wood High School ?
2. What did you do at Lawns wood High School?
3. What was the most exciting part?

4. Did you enjoy it?

5. What did you learn?

6. Would you like to go again?

Siraj said" The best part was when the teacher said Hydrogel is used for nappys also he said that he liked using the equipment that we don't have at school and he said there was a class of tall year 11's." Mercedesz said" I learnt that science is in every day life she also that I would like to go again."

## MATHS IN YEAR 6 !!!

Year 4 went to the Year 6 classroom to do some maths. There were 5 games on each table sadly there was 6 people on each group. They had to move around quiet a bit. One of the games was when you had to put a cube together without moving or breaking the piece. Most pupils of year 4 enjoyed it although some did not. Callum said " I really enjoyed it." Roman said" It was super duper boring."

Callum's favourite was the car game/game F. It was about trying to find your way out of the car park using instructions on a coordinate based grid!

The hardest game for Simeon was the block game. This game was about making a cube but not breaking or moving the block!

Romans favorite game was the weight game you had to put different weights from heaviest to lightest /game A!

Noah's favorite game was the domino game/game B because he likes a good challenge. The game was about making ten with the given dominos!