

BURNT OAK BUZZ!



SCIENCE WEEK



heart of the school - buzz of the community - voice of the children

7th June 2019



Photography and Filming by the brilliant Buzz Media Group



EAGLE HEIGHTS VISIT BURNT OAK

Science Week began with us welcoming Eagle Heights to Burnt Oak, for an assembly at 9.30am on Monday 20th May. Mr. Almes introduced us to a Harris Hawk first, called Sybil. He talked to us about adaptation and how animals adapt to survive in different environments. We met four very different Birds of Prey and loved seeing them fly over our heads in the hall. Alaska the Bald Eagle (pictured) even walked between us as we sat quietly, so we were able to be really close to her. Mr. Almes has looked after Alaska since she was hatched. The brilliant Buzz Media Group filmed our assembly and you can watch the highlights by following this link: **[Eagle Heights Assembly](#)**



'Children are the world's most valuable resource and its best hope for the future.'

– John F. Kennedy

Hi all,

Science can bring lots of different pictures to mind: a textbook, white lab coats and microscopes, an astronomer peering through a telescope, a naturalist in the rainforest, Einstein's equations scribbled on a chalkboard, the launch of the space shuttle, bubbling beakers.

All of these images reflect some aspect of science; all are true and during our school science week it was us who wore the lab coats!

Welcome to Burnt Oak Juniors Science Week Buzz Supplement – an amazing array of 'What if's...?' and 'I wonder...'

It is during this week that I have had the privilege to observe pupils honing their super science skills through taking accurate measurements; whether that be in cooking, creating slime or measuring limbs.

Pupils were given the opportunity to observe changes, write detailed conclusions and respond to statements using their results.

Our science week was inspired by many scientists – Sir David Attenborough being just such an incredible scientist, who inspired a visit from Eagle Heights, whilst Sir Isaac Newton was the inspiration for our Fizz Pop forces assembly.

But most of all it was important that during this week our children get the opportunity to have fun and enjoy exploring the world around them through their science activities; imagining the future, planning for the present and learning from the past.

Miss Tomlin, Lead Science Teacher

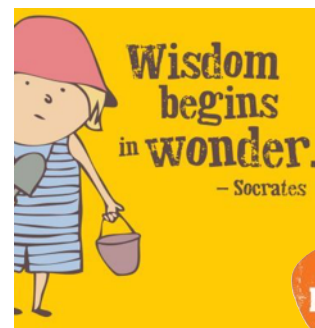
"Imagination is more important than knowledge –

For knowledge is limited to all we know and understand,

While imagination embraces the entire world, and all there will ever be to know and understand." - Albert Einstein



In our 'Acorns to Oaks' section we feature at least one pupil from each year group every month, celebrating progress, individual achievement or best work. This month we are linking with our exciting Science Week & will be celebrating lots of great activities that the children have been involved with and enjoyed.



My favourite activity this week was making cheesecakes. It made my mouth water and feel hungry!

I liked cooking because I learnt new skills like crushing biscuits. I also liked working and communicating with new groups of people who I'd not had the chance to work with before.

I loved it when the scientist Fizz Pop came to visit us. I enjoyed learning about friction and seeing the hover-board fly was cool!



CONNECT



YEAR

4

Mummifying Tomatoes was lots of fun!

I enjoyed all of our experiments.

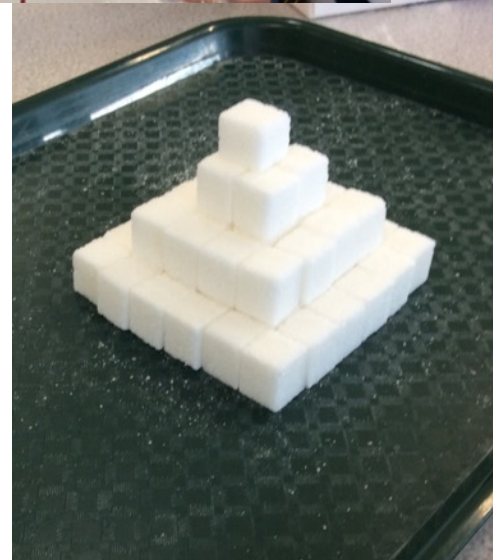
I loved making ice-cream!

I loved the assembly when Eagle Heights visited. I enjoyed learning about different birds and seeing them fly across the hall.

I really enjoyed making bread. I loved mixing the dough together with my hands. It was also great to work in different groups and talk to different people.



**BE
ACTIVE**



YEAR

5



Making slime was so much fun, it's the first time I've done that!

I enjoyed making slime, it was really exciting seeing the ingredients react with each other.

During Science Week, I enjoyed learning about friction so much I went home and wanted to learn more, so did my own research.

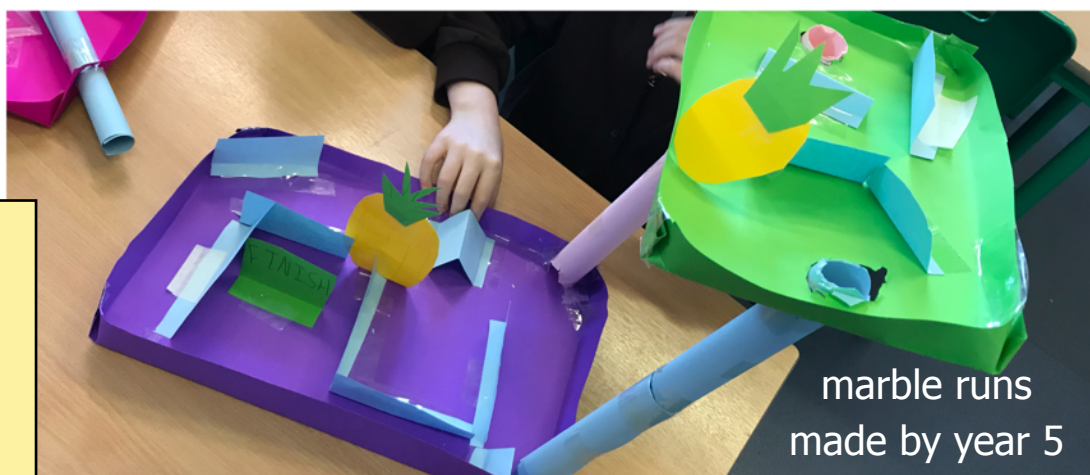


I enjoyed making bubbles and having a bubble party!

I loved doing lots of practical activities, it was a great week.

The hover-board in assembly was good fun!





marble runs
made by year 5

YEAR

6



Gooley Stuey or Fizz Pop was really funny in assembly. I loved his levitating hover-board!



Give

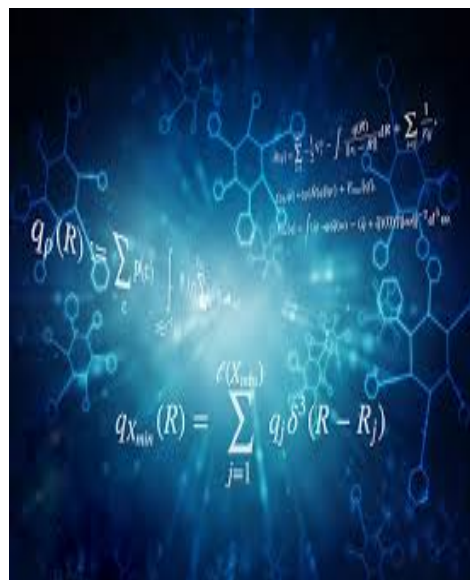
With thanks ...

A big thank you to Buzz Reporters Jessie and Megan, as well as freelancers, Ava & Latisha for collecting pupil voice and photographs during their lunchtime. Thanks also go to all of the Buzz Reporters / Media Group in Team 3 and in our Year 6 Summer group who have contributed to our Science Supplement. It is your enthusiasm, talent and dedication that makes publishing possible, thank you!

Mrs Smith, Miss Tomlin & Mr Barrett - Buzz Editing Team



By Amelie and Amy



Miss Tomlin is Burnt Oak's Science Leader and organises Science Week, making it happen. It's a week of fun experimenting and learning. We find out lots of new things, enjoy visitors to the school and learn lots by immersing ourselves in the practical side of Science.

SCIENCE WEEK IS A FUN FILLED WEEK, CELEBRATING CURIOSITY, REACTIONS AND OUTCOMES.



CONNECT

"I loved watching Gooley Stuey in assembly. He was very animated and had great interaction skills; the kids were really engaged. Learning about friction with him was fun."

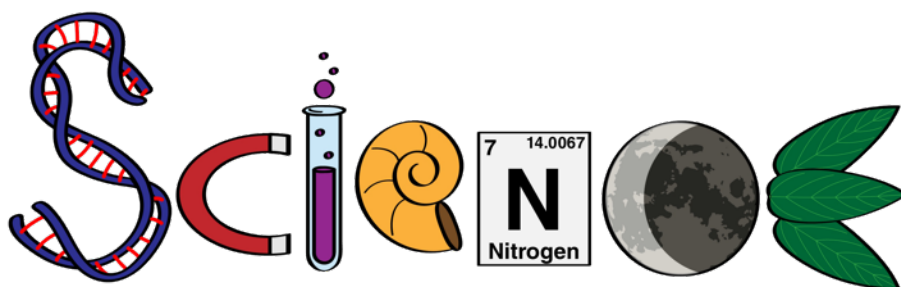
Mrs Descombes, Year 4 Teaching Assistant

**SCIENCE
RULES**

BLACK HOLES: A POINT OF NO RETURN

By Yuv

Black holes are one of the most mysterious parts of the universe alongside dark matter and dark energy. A recent breakthrough in black hole detecting technology was made in April 2017, but was only released to the public in April 2019. A black hole is basically a super dense object that sucks in anything that comes close to it. We can't see black holes because they suck anything that comes close to it, like homework and humans for instance (the black hole ate my homework could actually be true!) The only way to detect black holes is to see the clumps of matter that crowd around the outside. All that matter can't go in at once so it swirls around it in a typical black hole fashion. The point of no return, the event horizon is where as the name suggests no object (or matter for that instance) can escape. If a human fell into a black hole then they would be spaggetified (yes what a lovely scientific word that is) basically the gravity on their feet would be stronger than the gravity on their head and they would be stretched to comical proportions. You can't get a message out because not even light can escape a black hole. Now (assuming you are still alive) you will see time slow down around you, because of the extreme gravity it causes time dilation which slows time down. What lies on the other side of the black hole is a mystery but one of the theories (and probably the most likely) is that when you get sucked in through a black hole you get expelled through a white hole which is basically the opposite of a black hole. It ejects matter out of it like a giant gun on rapid fire. If you could somehow send a probe through a black hole we could see if the theory which suggests that black holes and white holes connect jumps in space, sometimes amounting to a few centimetres, and some times amounting to billions of light-years, is true. Another theory of where the matter goes after it's been sucked in through the black hole is that it gets compressed to an infinitesimal size and is sucked into another dimension. So long story short we don't know much about black holes!



SCIENCE WEEK 20TH - 24TH MAY 2019