

Victoria Lane Academy Coundon



SEQM Gold Evidence
Portfolio

Pupils & Learning
June 2019

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to slides

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from
children

Quotes
from
adults

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information

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Impact

SEQM Strand

Space Science Fayre 2019

This year's science fayre was space themed. It was a huge success with children and parents alike!

In the morning our science ambassadors trained the rest of the school in space related activities.

Explaining the activities to my friends was fun and it meant I had a practise before I had to talk to parents which was more scary. (Ava Pendelton yr 6 science ambassador).



Trying out 4D Octagon cards.

It was such a good idea training the kids before the parents were invited. Even the kids whose parent's didn't come could be involved with sharing their learning. You could see they felt really proud. (Karen Freer -TA)



Astronaut training based on real life assessments done by astronauts in training.



Using science ambassadors to train the children gave them confidence in delivering information. It also led to increased engagement from the pupils as they love to learn from their peers. Everyone in school was excited to welcome the parents and carers in and it gave our space learning a real purpose.



Space Science Fayre

This year's science fayre was space themed. It was a huge success with children and parents alike!

In the afternoon we opened the doors to a rush of parents/carers and family members.



We used our space camp equipment to set off bottle rockets in the playground.

Family challenges became very competitive, leading to scientific discussion around how to have the best entry.

Todd loved showing me around the fayre. I was amazed at how much he knew. Much more than me and his dad. L Drennan (Reception parent)



Supported by our science ambassadors the children loved teaching their parents about space!



Its brilliant to see the kids learning with their families, this is how they should be learning. It makes me feel much more enthusiastic to teach them about Space! (A. Ambrose T.A.)



I was really nervous at first but when they started asking questions I could answer them! Ruby-Leigh (year 6 science ambassador)

Not only parents but other community members came along. School governors and even the local councillor enjoyed the afternoon.

Bishop Auckland Astronomical society came along with some of their telescopes. Everyone loved trying them out and BAAS even got some new recruits for their regular moon watches.



Feedback forms were circulated during the fayre and adults and children alike reported an increased interest in space science as a subject and potential career.



Space Themed Homework

Pupils and Learning 3

Our monthly science home learning activities have taken on a Space theme this year.



Rocket building

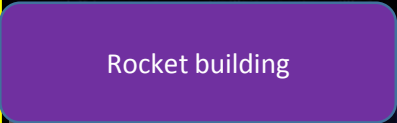
Homework from a child who rarely competes homework.



The kids were really proud that we won the family prize!

Family prizes encouraged participation and added to enthusiasm for future events.

Children and parents who rarely complete homework have been really enthused by the space homework. Amber continues to do her homework now even when it is maths or English based.

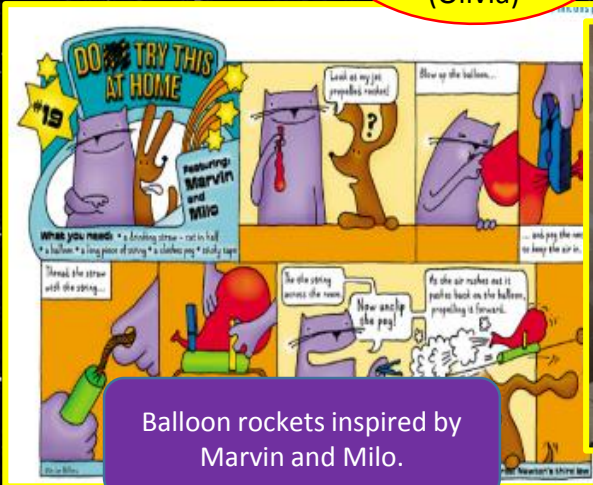


Many families extended their learning producing extra pieces of work showing evidence of scientific thinking and discussion at home.

Prizes and certificates for the best examples of homework are celebrated in assembly and shared on our website. This has increased the profile of Space Science around school and among parents as evidenced by parents asking when the next space themed event will be..

She couldn't wait to get started !(Olivia's mum)

Me and my mammy did it together (Olivia)



Balloon rockets inspired by Marvin and Milo.



Making models of planets.



Kaiden built his own telescope and showed his mum how to make a constellation telescope like the one he made at space camp.

Parental Engagement

Parents have been invited into school to Space related events on numerous occasions this year.

After every Space camp parents were invited to an assembly so we could tell them all about what we have learned.

I have been to school more this year than before – it's really lovely to see what Jack is learning at school and for him to be able to teach me things. (Jack's mum)

I didn't know you could look at the sun through a telescope – wow! (year 4 parent)

The telescope was brilliant – I could see Jupiter (on the wall!) it's my favourite planet – it's got a big spot. I knew it was Jupiter straight away – I showed my mam! (William – year 3)

Parents and children looking at sun spots with the astronomical society at our weekly after school Space Club.

Showing our parents around the science Fayre

Parents and the wider community have been involved in all aspects of our Space learning this year. The result has been increased enthusiasm from the children for learning about space. They can't wait to show their parents what they have done. Because we have hosted several different events we have been able to reach most families. This has resulted in a wider awareness of Space science and space related careers throughout our community.



Launching rockets together.



The weather didn't stop us using the telescope!!!



Space Pupil Voice

We carried out a pupil voice with a focus on space learning this year.

I liked measuring space worms.

Space Camp sounds brilliant. I wish I was here for it.

I might join the space station when I'm older.

I loved learning Russian and I can't believe all astronauts have to learn Russian.

Pupil voice showed that all children have learnt about space this year. The results showed that children enjoyed their space learning experiences. Activities this year have not only increased their knowledge of space but through a range of visits and visitors their science capital has been significantly increased.

My favourite thing has been launching bottle rockets.

I can't believe I was on the front page of the Northern Echo!

I definitely want to do a Space Camp again next year.

We just had to come out of the kitchen to see the moon rocks. They were amazing and the children talked about them at lunch time. (Marie, School cook)

The meteorite was so heavy and smooth

My favourite thing has been launching bottle rockets.

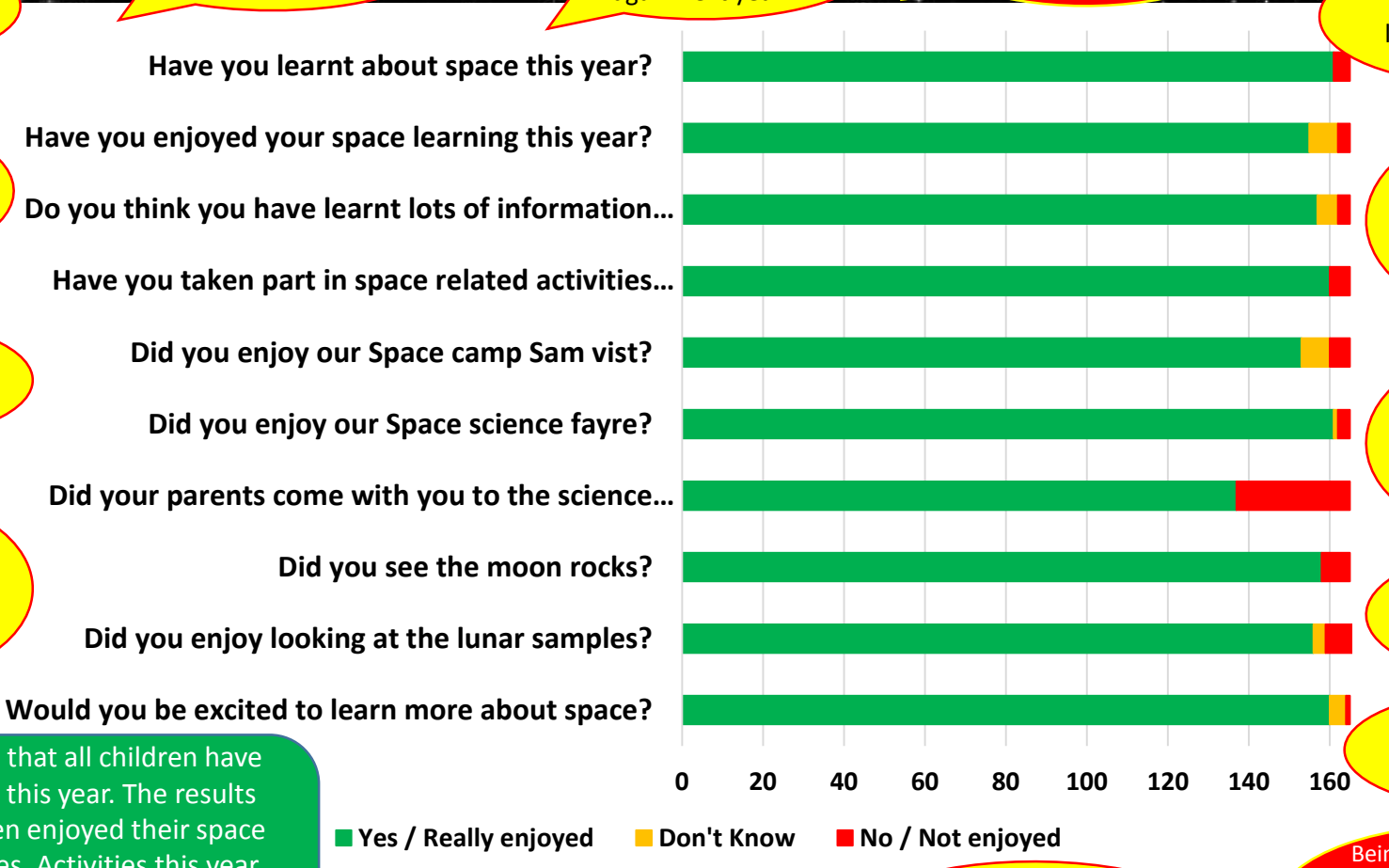
My mam and dad liked looking at the moon rocks too!

Making moon buggies was brilliant and mine went the furthest.

I want to work in space when I'm older.

My space worm was bigger than Miss Gibsons!

Being able to see and hold lunar samples was amazing for us adults too. (Mrs Gordon)



Space learning pupil voice showed how much children have enjoyed their space learning.

I think some of us will be astronauts when we are older cos everyone loved space camp

Space across the curriculum

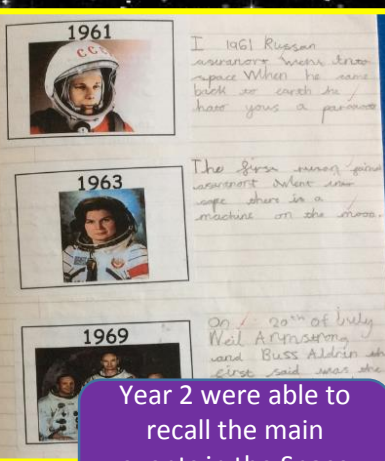
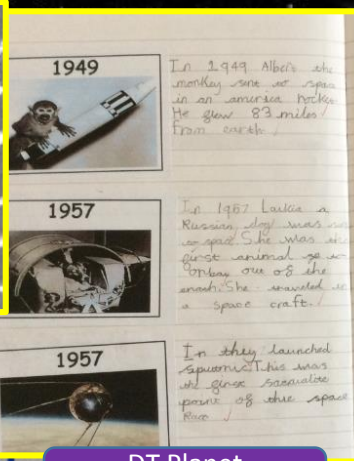
Pupils and Learning 6

Examples show how space has been used as a context for learning across all curriculum subjects.

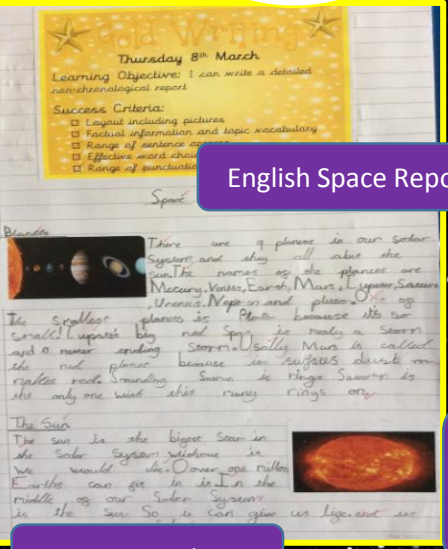
EYFS Space Reading



Space Art



Year 2 were able to recall the main events in the Space Race.



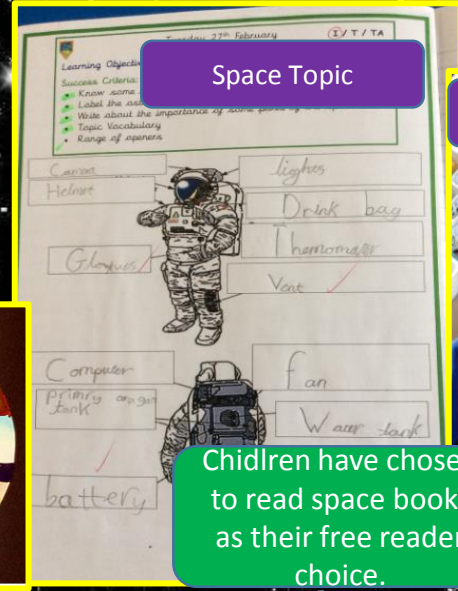
English Space Report

We borrowed lots of space books from the learning resource centre in Durham.

Space Reading



Planet Art



Space Topic

Children have chosen to read space books as their free reader choice.



Planet Modelling



DT Planet Modelling

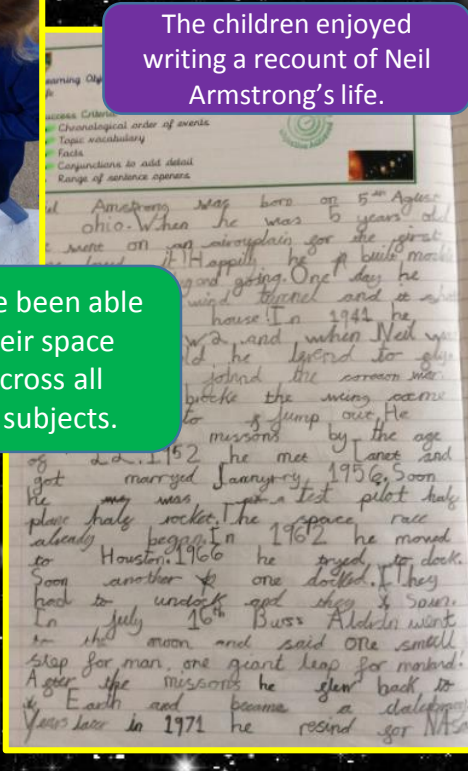


ICT Space Research and programming



Children have been able to apply their space learning across all curriculum subjects.

Art lessons have also been taught with a space theme.



The children enjoyed writing a recount of Neil Armstrong's life.