

10th November 2023

## INTRODUCTION

Hello All,

It's been another activity packed week, this week for the students at The Fusion Academy.

Our assemblies this half-term have been about celebrating our achievements. It was great to see so many of you attend parents' evening on Wednesday to give us the chance to celebrate the achievements of your children with you.

There has been lots of cooking this week, with students across the whole school showing off their culinary skills. This has been a mixed bag for us as tasters in the office with one student forgetting that April 1st is a long way away, giving us a cake with a little extra spice to taste. Tunde felt it was disgusting; however, Katie enjoyed the unusual flavours.

Our football team now has a kit! A huge thanks to Alfie and his parents for helping us source it. They worked alongside Patrick Luff at Groz-Beckert UK Ltd to get us shirts, socks and a kit bag. The school is looking to get a logo added to the shirts and then it's up to Simon to find some games for us to play.

Last week, we wrote explaining the situation with the fire alarms and spoke with many of you at parents' evening too. We have experienced fewer this week, so thank you to all of you who have spoken to your children about the importance of only setting them off in an emergency.

Have a restful and peaceful weekend, and for those of you who are celebrating, Happy Diwali.

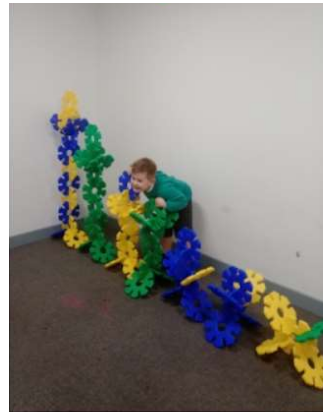
Katie & Tunde

---

## JUNO - Annabelle

Juno has done so much more outdoor exploration this week! They have also worked together as a class to enjoy this space. We all loved outdoor learning day from last week, we were taught safety advice and tips when using these spaces and were able to bring objects back to explore safely in the classroom. We even got to cut down a tree!

Inside the classroom, we have discovered that we have some very talented builders! The patience and skill required to build card towers and domino towers alongside using the giant links to create largest to smallest is strong in Juno. We have managed to incorporate this interest into their learning and have used it to encourage positive engagement and to have successful social interactions.



---

## GENESIS - Aimee W

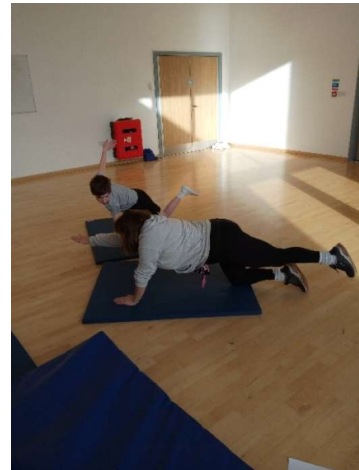
Another fantastic week in Genesis this week. We have seen excellent work on multiples in Maths and it has been amazing to start our own adventure narrative. To finish our English this week we pretended we had gone on an adventure and could only eat rations. We were very impressed with all of the students who were brave enough to try them, a couple of them even went down very well. Pork sausage and beans was a clear favourite!! In Art, we spent time learning about Remembrance day and enjoyed making poppies that will be added onto our school wreath which will be placed at the cenotaph in Earl Shilton. Thursday afternoon was spent in the forest with Penny and Juno class. We explored the stream area, used secateurs to cut branches and sawed wood with a bow saw.



---

## GATEWAY - Christina

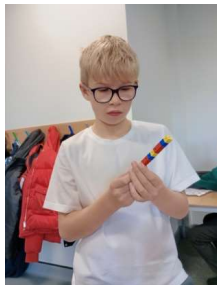
This week has been another brilliant week! We have had some amazing interactions between our young people and they have shown such kindness to each other. We have also been doing some great learning. We have explored pixels and vectors in computing. We have also been practising our coding by using mouse bots. Pupils have also tried racing their mouse bots. In Science, we have been exploring light and how it travels through different objects. We have also been exploring refraction. In PE, we have been exploring movement for Dance. Students have been able to show their own abilities and work with others to copy and shadow each other.



---

## CALIPSO - Sam S

It was so great to see so many of you at parents' evening and share the amazing work with you. It's been a wonderful week. We had a STEM day on Friday where we explored jobs within Green careers. In our Maths, we have started to look at sequences and early algebra. In English, we have studied direct speech and weather in Macbeth. We researched the Indus Valley and the first civilisations. We looked at why they built where they did and how they traded. Students have continued to build strong relationships and become kind and considerate with each other.



---

## RANGER - Karen

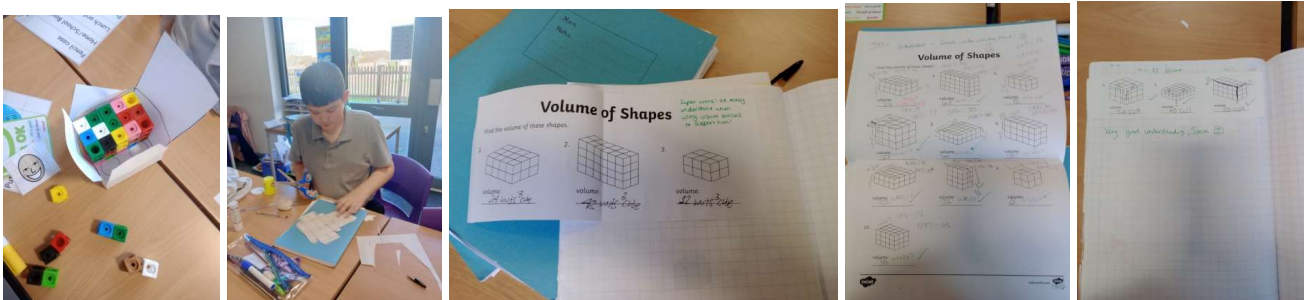
We have had another amazing week in Ranger. Last Friday, we had our first STEM day and we enjoyed exploring the different activities that were on offer to demonstrate different careers. We had a cooking session in the kitchen and enjoyed making and eating our flapjacks. In English, we have been learning more about Macbeth and the plot lines. In Maths, we have started our topic on geometric notation and line segmentation. The students have been fascinated with our reproduction topic and have been asking sensible questions to aid their understanding.



---

## VIKING - Hilary

In Maths this week, we have been investigating Prisms and using cubes to calculate the volume of different sized Cuboids. Some students moved onto use the formula Length x Width x Height to calculate the volumes:



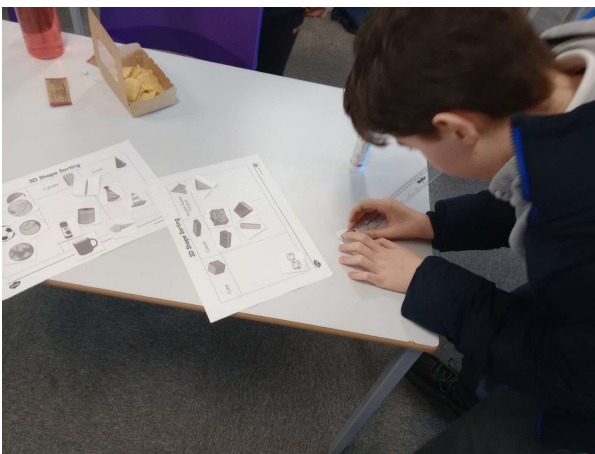
In English, we enjoyed finding out about the play Macbeth written by William Shakespeare. We have also made some poppies to be taken by the School Council to the Remembrance Service at the Memorial in Earl Shilton.

---

## ACE - Zak

It has been a long, but hard working week for Ace students. In English, we have been reading Act 1 Scene 3 and have started to see how Macbeth's promotion and new found power has gone to his head and that the witches were right in their prediction. In Maths, we have been working out what 3D shapes everyday items are and starting to work out their areas. In Science, we have looked at the development of a baby and labelling the male and female reproductive system. In RE, we have looked at the similarities and differences between Christianity and Islam's views on the afterlife. We have looked at why the UK has a low birth and death rate in Geography. In Computing, we have practised the new skill of onion skinning in our animations.

Thank you to all the parents who were able to find the time to attend parents' evening on Wednesday. We were also sad to hear about the passing of Rosie the guinea pig.



---

## MARINER - Simon

In Mariner this week, we have enjoyed the practical elements of learning, as ever. The STEM day, in particular, was a huge success with the students engaging in creating litter pickers, wind turbines and helicopters. We have also followed this with hands-on Science activities with the microscopes, where we viewed pre-made samples of tissue, plant matter and insect parts.

The students have also done really well this week with the changes we have made to class, with the addition of Oscar joining us in Mariner. They have all made him welcome and he has joined the class several times this week for the activities we have done.



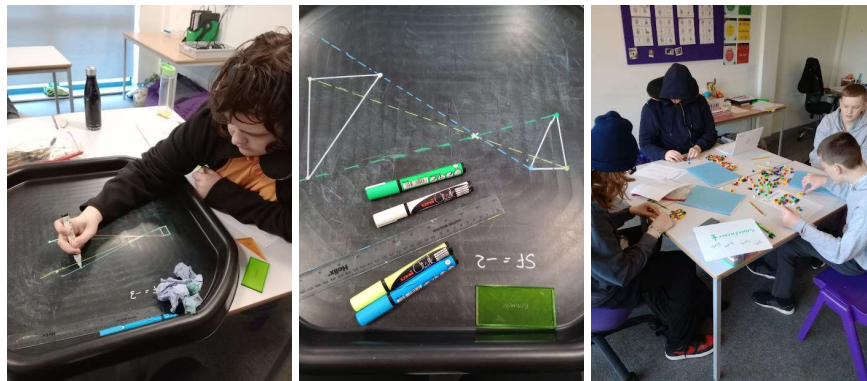
---

## AQUARIUS - Katie

In Aquarius this week, we read about the different coloured poppies and what they are used for, then the boys painted their own versions with anything other than a paintbrush - we had some beautiful outcomes! The student council are going to copy them into a smaller version to put them onto a wreath for when they visit the epitaph.



In Maths, we've continued to explore and work with scale factors with enlargement and discovering that enlargement with a fractional scale factor between 0 and 1 makes things smaller (using cubes have helped a lot of students to see this) and enlargement with a negative scale factor flips the shape and puts it on the other side of the centre point we're enlarging it from!



---

## NEW HORIZONS - Jenni

In New Horizons, we have been focusing on Remembrance in our Social Communications sessions this week. Our members have reflected on the life of Rosie the Guinea Pig and all the happiness she gave to our students and several pupils have spent time cuddling the crochet version of Rosie that lives in our classroom. We have also reflected on Sunday being the national day of Remembrance and thought about some of the key vocabulary around the day such as 'cenotaph' and 'wreath'.

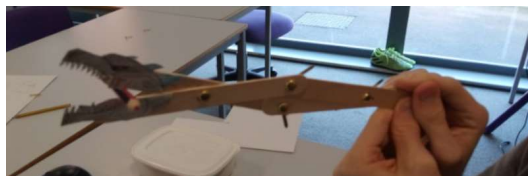


## SWIFT - Sam R

In Swift this week, we have been discussing Remembrance Sunday and what it actually means. We have discussed what the different coloured poppies signify and the students coloured in their own poppies.



Last Friday, the school took part in a STEM day and we created moveable grabbers with their own designs and a Robinson Anemometer.



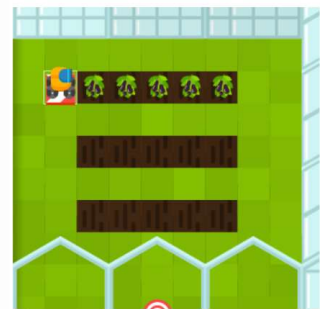
In Computing, students have continued to create their own Python Coding to control a farmbot in planting

and harvesting food.

In PE, the students have been taking part in team sports and games. They have also adapted established sports, such as Handball and included their own rules and scoring system.

```

student.py
1 for i in range(5):
2   harvest_crop()
3   move_forward()
4
5 move_forward()
6 turn("right")
7 move_forward()
8 move_forward()
9 turn("right")
10
11 for i in range(5):
12   plant("aubergine")
13   move_forward()
14
15 move_forward()
16 turn("left")
17 move_forward()
18 move_forward()
19 turn("left")
20
21 for i in range(5):
22   plant("aubergine")
23   move_forward()
  
```



## STARDUST - Sam P

We have had a lovely week so far in Stardust. Last Friday, we had a busy hands-on day trying out a selection of activities for our STEM day including using lemons as batteries and making our own litter pickers. This week has seen us spend time thinking about Remembrance and how different people remember. We also coloured in poppies to add to our school wreath ready for the memorial service.



In English this week, students have been learning about the principle of rhetoric including ethos, pathos and logos and looking at how these are used in different texts. Students even had a go at using these devices themselves by writing an email trying to convince me to extend break times to 30 minutes.

<b>To</b>	Samanthaphillips
<b>Cc</b>	
<b>Bcc</b>	
<b>Subject</b>	Break time needs to be longer because if you care about our mental health you will let us go out side more on break time. Also, it will boost engagement in lesson if we get more break time has been sicientificaly proven you should gives us more break so we learn more about our peers.

In PSHE, we have continued to look at emotional literacy by creating emotion wheels linked to our core emotions and starting to explain how our bodies change with our emotions.

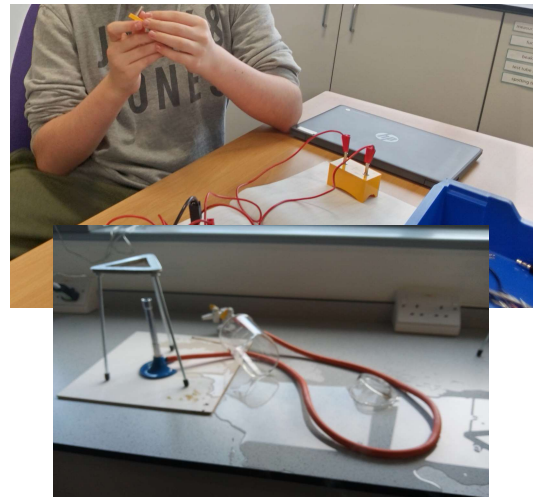
Our focus in Life Skills this week has been on the importance of rules. First, we tried to use a 'smart guess' to work out the missing rules to a board game. Once we established the rules, we played the game together and commented on when people were not following the rules and how this made us feel.

---

## SCIENCE - Laura, Nic and Tam

Pathway 1 students have finished Hydrocarbons with an end of unit test. They then started the new topic C8 Chemical Analysis which involves more chances to use the science equipment. On Thursday, they had the opportunity to use the Bunsen Burners and the picture is of our first breakage which was all Tam!

Pathway 2 students are finishing off the topic of Electricity and have been building circuits in series and parallel circuits as well as getting to place components in different places.



---

## FOREST SCHOOL - Karen and Penny



We've had another fabulous week in the forest. We have had the delivery of our outdoor learning tent and it has gone down as a big hit! The students have helped to finish preparing the ground in front and behind it to make it easy to access. We have continued to develop our cooking skills on the fire and heating foods to the correct temperature.

Also in Forest School, we have been learning how to make a waffle lay fire and how different this is to the pyramid fire. We talked about the benefits and drawbacks of the two kinds. Some of the students made 'stick stars', whilst others were just exploring the forest and having fun!

Bulbs 4 kids have kindly donated over 2,000 different bulbs that we have started to plant in the school grounds and in the forest. We are looking forward to seeing them bloom in the summer.





## OTHER NEWS



### The Fusion Academy Celebrating Achievements

This week, Maverick wrote and read out a story especially for assembly. This is a huge achievement and can't wait for the next instalment in the adventures of Ivaok the Great



## SCHOOL COUNCIL / ECO COMMITTEE

Today the student council took part in the Remembrance parade at the Cenotaph in Earl Shilton. They represented the school very well and should all be proud of themselves. They were very good during the service and remained very still during the 2 minutes silence.



Please see the below link for the e-safety newsletter:

<https://openthinkingpartnership.co.uk/category/e-safety/>

## School Dinners

Please note, from January 8th 2024 the price of school dinners will be £2.55



**NEW**

**LET'S  
GET  
MOVING**

everyone  
ACTIVE

North West  
Leicestershire  
District Council

### **INCLUSIVE YOUTH SPORT SESSION**

**THURSDAYS (TERM TIME ONLY)**  
**4.15PM - 5.15PM**

Whitwick & Coalville Leisure Centre  
Suitable for ages 11-16yrs with SEND  
£1.50 per session

Contact [katie.hayes@nwleicestershire.gov.uk](mailto:katie.hayes@nwleicestershire.gov.uk) to book a place



North West  
Leicestershire  
District Council

everyone  
ACTIVE

**LET'S  
GET  
MOVING**

### **Inclusive Play Session**

**New!**

Thursdays (Term Time)  
4.15pm-5.15pm

Whitwick & Coalville Leisure Centre  
Suitable for Ages 5-10 years  
£1.50 per session

Please contact [katie.hayes@nwleicestershire.gov.uk](mailto:katie.hayes@nwleicestershire.gov.uk) to book a place



spectrum



## 2023 Support groups

Thursday evening

7.00pm - 9.00pm

5th October

2nd November

7th December

@The Wellbeing Hub

Harborough

Leisure Centre

LE16 9HF

Friday morning

10.00am-12.00pm

13th October

10th November

15th December

## Cuppa & Chat

Thursday morning 10.00am-12.00pm

@Louisa's Place

St Mary's Road. LE16 7DU



28th September

12th October

9th & 23rd November

14th December



Spectrum Autism Group

Email: [spectrumautismgroup@yahoo.com](mailto:spectrumautismgroup@yahoo.com)



## Diary Dates

- ★ School closes for Christmas: Fri 22nd Dec 2023
- ★ School Opens: Mon 8th Jan 2024

<https://openthinkingpartnership.co.uk/fusion-academy/>

[office@thefusionacademy.co.uk](mailto:office@thefusionacademy.co.uk)

Contact Number: 01455 243689