

Newsletter 2

w/c 10 October 2022 - Issue 2

Curiosity with Science, Technology, Engineering, and Mathematics



Term topics this month -

Our children in STEM last week have been working with various Minecraft Education coding, designing, and 'The Big Draw' activities.

Class Activities

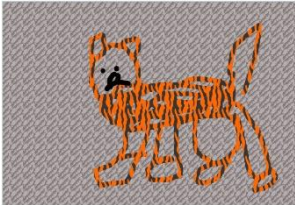
Various children last week have been creative taking part in 'The Big Draw' activities making some amazing colourful rainbows, African animal patchwork, drawing, and using the 3D pen to copy around animal and vehicle templates to join up their own creations. Several children have begun to code on the BBC micro:bit to display icons and scroll words.

The children have also been drawing on 'Busy Things' to create their own imaginary island habitat inspired by Berk from 'How to Train Your Dragon' by Cressida Cowell. They used items like Stonehenge, active volcanoes, waterfalls, Vikings, medieval stones, dragons and bridges.

Some children have been exploring electronic circuits following visual instructions and diagrams to make working projects e.g. police car sirens, Star Wars sound effects and light sensors with reed switches.

A number of our older students in STEM are carrying out computer science, studying how computer hardware and components work including how conventional hard disk drives work.

Showcasing Children's Work



Tiger by Holly



habitat island by Jonah



habitat island by Sampson

Word of the week in STEM - Printer

(Closing the Vocabulary Gap with Brackley STEM)

What elements did we discover in Little Alchemy 2 last week?

■ Mirror & Sailor

What is Little Alchemy? It is an online crafting tool used by the children. The goal is to combine the starting elements to discover new items and elements.

Mystery Photos - Can you identify the mystery items under the microscope discovered by our children?



By Libby



By Anna

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Calendar of Events

The Big Draw festival through October 2022 is now running.

October Half Term STEM Clubs

24-31 October 2022 (INSET Day Monday 31 October 2022 for schools.

Halloween Monday 31 October 2022.

Maths Week England 14-18

November 2022. Maths Week is a week-long celebration of all things maths including STEM.

Term Dates

24 - 31 October 2022 Half Term STEM Clubs - 9am-5pm.

Tuesday 1 November Term 2 - Open to Pupils.

16 December 2022 – Last day of Term 2.

19 - 23 December 2022 - Christmas STEM Clubs - 10am-4pm.

In the News

CREST Awards: British Science Week 2023 - The next British Science Week will take place 10-19 March 2023 and the theme is 'Connections'.

Certificate Awards

Congratulations! to Thomas, Sam, Charlie, and Rafe who have received their official certificate of achievement for coding on Minecraft Education with Course 1 (AI) Artificial Intelligence to learn about fire hazards of dry foliage and plants to detect and raise the alarm.

Mystery Items

I would like to ask if your child can find or discover a piece of item or a thing to place under the microscope for anyone to see if they can identify the mystery thing.