

Newsletter 5

w/c 14 November 2022 - Issue 5

Curiosity with Science, Technology, Engineering, and Mathematics



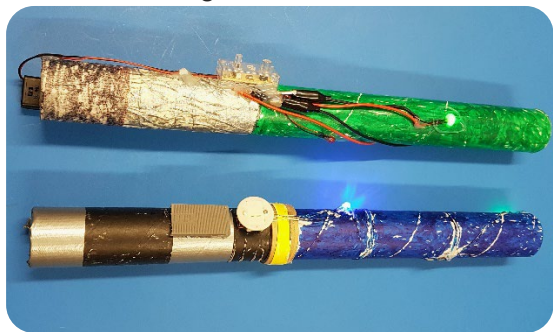
Term topics this month -

Our children in STEM last week have been busy taking part in Maths Week England and Road Safety Week.

Class Activities

Pupils in STEM last week have been busy taking part in Maths Week England and Road Safety Week. Some have been designing road safety posters on Busy Things and various pupils coding on Minecraft education, and Scratch to code a simple maths sum activity. Several older children have been attempting their first coding on Python to add and subtract sums in text-based coding. Other children have been creating 6 sided cubes, pyramids, triangles and 6 pillar structures.

Couple of our pupils Sampson and Schaefer, had an idea to make a Star Wars Lightsaber when they went on holiday and have been super busy in STEM designing their own amazing Star Wars Lightsabers with a series of LED lights, switches and batteries. Their Lightsabers below.



Showcasing Children's Work



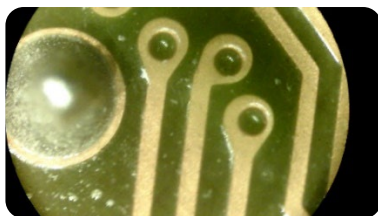
Scratch sum
by Holly age 7

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

■ Space & Cage

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 Oscar age 11



By Anna age 8



Calendar of Events

National Tree Week will take place from 26 November - 4 December 2022. More exciting news to come!

Christmas STEM Clubs (Santa's STEM workshop) 19-23 December 2022.

Term Dates

16 December 2022 – Last day of Term 2 for us and we are closed Saturday 24 December.

19 - 23 December 2022 - Christmas STEM Clubs 9am-5pm.

News from Brackley STEM

This is a bit early however, as we are a member of IET (The Institution of Engineering and Technology), Santa now has his own STEM workshop called Santa's STEM workshop which provides craft ideas, recipes, projects, challenges, experiments and engineering activities. There will be Christmas-themed science experiments and winter-themed STEM activities including Christmas STEM crafts.

Certificate Awards

Congratulations! to Oscar age 11, who has received two official certificates of achievement for coding on Hour of Code Minecraft for the second challenge and Minecraft Course 1 (AI) Artificial intelligence.

Little Alchemy 2 – Well done and huge progress by Mikey age 7 who has so far discovered 243 items and Louis age 6 discovered 134 items.

Mystery Photos

The last weeks mystery photos under the microscope was a tip of a girl's finger and nail. The right image was part of a butterfly's wing scale.