

# Newsletter 11

w/c 20 March 2023 - Issue 11

Curiosity with Science, Technology, Engineering, and Mathematics



## Term topics last month -

Science, coding, Easter activities and technology

## Class Activities

During the last several weeks our children have been super busy with various science, technology, air power robots and Easter arts and crafts. The British Science Week on the theme of connections have been inspiring for the children during the day and after school clubs including Saturday sessions. It has been amazing and the children certainly enjoyed carrying out practical experiments with water, paints, oil and colourings using tubes, electrolube syringes, pots and materials.

## Winchester Science Centre & Planetarium trip

At the end of science week, we took pupils on a coach trip to Winchester Science Centre & Planetarium and they had an amazing time with lots of hands-on practical activities exploring all things science including science shows and the planetarium was lovely and stunningly calming, discovering where we are in the solar system. The children were certainly exhausted by the time we got back on the coach. I would like to say a huge thank you to all parents who made this possible including Samantha my key staff supervisor assistant. We would like to take this opportunity to hand an enormous thank you to JM&Co Recruitment in Brackley for the extra coach donation which enabled us to processed with the science trip. The pupils are already asking can we go again or someone else like this.

The children have enjoyed Easter holiday clubs and the week leading up to the school holidays, pupils have been making and designing 3D egg creations, 3D printing eggs and 3D pen egg creations using yellow PLA materials including arts and crafts.

The last couple of weeks, all the pupils have been busy carrying out unplugged technology activities dissecting electronic equipment including toys with motors, lights and buttons to examine, tinker and learn how things work with mechanics and carrying out investigations.

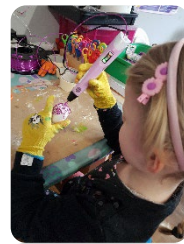
## Showcasing Children's Work



3D egg by  
Kiki age 5



British Science Week  
experiments



Easter egg  
3D  
creations

## What elements did we discover in Little Alchemy 2?

### ■ Rust & Pottery

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.



## Calendar of Events

**Children's Book Week** takes place from 1 to 6 May 2023 - Scratch coding and 'Just2easy Write' typing short stories to develop keyboard skills.

**Coronation week** of activities leading up to coronation day - 'Just2easy Paint' digital designs and 3D printing.

**National Insect Week UK**  
19 to 25 June 2023 – Exciting info to come for STEM!

## Term Dates

New updated term dates for 2022-2023 and 2023-2024 are now available via our website under menu 'For Parents'.

### Bank Holiday

Early May Day Bank Holiday –  
Monday 1 May 2023 – Closed

Please be aware, there is now a bank holiday which will occur on Monday 8 May 2023 to mark King Charles III's coronation and we will be closed to all pupils on Monday.

Spring Bank Holiday  
Monday 29 May 2023

### Spring Half Term STEM Clubs

30 May-5 June 2023 (Tuesday-Monday)

## Beavers (5<sup>th</sup> Brackley Scouts)

I am pleased to say we have begun to run sessions for Beavers (the 5<sup>th</sup> Brackley Scouts) here at STEM Academy and they have had the opportunity to gain their Digital Maker badge awards. This further enhances critical thinking skills and hands-on experiences. Brackley Scouts inform this will be a fab partnership opportunity across all sections including Brownies.