

Science

On Friday 20th January, Years 5 and 6 took part in the Road to RIAT STEM programme, which was run in partnership with the Smallpiece Trust and RAF Youth STEM and supported by Accenture. This off-timetable day consisted of four activities which aimed to inspire our oldest students to fulfil their potential and to think creatively about air and space, ending in a chance to attend the Royal International Air Tattoo in 2023.

The pupils began their day by learning about rockets and satellites and were challenged to work in groups to create an airtight rocket with fins. They then worked scientifically to launch their rockets at varying angles to identify how the angle impacts the rocket's range. Once they had investigated the best angle of projection for their rocket, pupils explored how changing the payload affects the rocket's range by adding a different number of bricks (weight) to their rockets.

In the afternoon, pupils used their creative skills to design a competition entry of a sustainable aircraft of the future. They worked in groups to design this and had to answer multiple questions about their designs and the sustainability of it. Our winners at Cloverlea were --- whose competition entry will be sent off to a team of specialists from the RAF. They will then be judged and the shortlisted entries will win prizes for their schools...fingers crossed! Later in the year, we will have an exclusive opportunity to link learning to real work by virtually meeting RAF engineering superstars - gaining a secret insight into their work and getting the chance to ask questions about their specialisms.

We had a wonderful day using our STEM skills and it was great to see pupils working so passionately in order to complete the tasks set. They were very engaged in their learning and the fact the activities had such a good connection to real-life STEM challenges gave the pupils an insight into how science is used outside of the classroom.



Cloverlea Primary Curriculum Snapshot

Welcome to the Cloverlea Primary Curriculum Snapshot - a monthly page to let our parents know what is happening at the school.



Geography

The exciting news in Geography this month, is the launch of the new Collins Connected Primary Geography scheme. Engaging and contemporary topics, looking at issues surrounding: megacities, sustainability, Fairtrade and climate change, are to be covered in KS2 and a further introduction of the scheme will take place after Easter in KS1.

We have also purchased two new sets of atlases, to support our teaching and learning across the school. Year 4 were extremely impressed with the colourful photos, OS maps and satellite images, when using the atlases for the first time this week! Year 1 have enjoyed learning about their local area and the school grounds; using maps and photographs. Creating their own maps of a walk to the local post box, was a particular highlight.

Art & Design
The children in Key Stage 1 & 2 have been exploring the second unit of our Kapow Art & Design. The children have been learning how to develop their drawing and printing skills and have created some wonderful outcomes with the skills they've been learning. In Expressive Arts, EYF5 have been exploring colour mixing, collage and paint through their topic, Explorers!



Jigsaw and PSHE

Last half term, all classes enjoyed completing the Jigsaw topic of 'Dreams and Goals'. This is always popular with the children! We had some lovely feedback from the children; "I got to think about my future and a chance to write about what might happen." "You get to think of a goal and a dream. Mine was to do my homework and I can do that now."

The whole school also enjoyed participating in 'Children's Mental Health Week'. The theme for this year was 'Let's Connect'.



We have been very busy exploring Chinese New Year in lots of different ways. Some of us have made a plane, so we can fly to China. The home corner is being cleaned so decorations can be put up and special food cooked. Lots of us are learning how to use chopsticks for making Chinese numbers. We've even had a go at building the Great Wall of China!

Chinese New Year
This is a special time for us in China. It is a time when we celebrate the beginning of a new year. We have a special festival called Chinese New Year. It is a time when we celebrate the beginning of a new year. We have a special festival called Chinese New Year. It is a time when we celebrate the beginning of a new year. We have a special festival called Chinese New Year.

This week we will be learning about Chinese New Year, which is on Sunday. This year is the year of the rabbit!

RE

For January 22nd Nursery and Reception have been learning about the Chinese New Year – receiving red envelopes with sugar paper money and writing wishes for the wishing tree, as well as, looking at what animal represents their birth year.

