Science, Technology, Engineering and Mathematics (STEM) Learning

On Tuesday the 14th October years 5 and 6 went to Wycliffe Secondary School for a STEM day (science, technology, engineering and maths). It was an eventful day involving different areas of science, for example: chemistry, physics and even music!

To begin with, we attended a lecture about the science of music, where we learned how sound travelled. After, we had workshops and each group had different ones. Our group went to the music block to meet Mrs Russell and we were shown how to use Garage Band: a music software app. I was paired up with Max W and we started to create a piece of music using multiple loops of snippets of music - it was a lot of fun! We hope to get the app for our school.

 After that, we proceeded to the chemistry lab where we met a teacher, who was assisted by two sixth formers named Kate and Tilly. They first showed us how to make a polymer, which was cards joined together (each card is an example of a monomer). Then, we made a bouncy ball out of latex and lemon juice! As well as that, we also made spiderwebs! Another fun challenge was that when they handed out chemicals and dye, we were allowed to make a really fun slime! Lastly, they then lit the Bunsen burners. We were asked to hold our pens above the flames and melt them. We then twisted them and made really interesting shapes; the cool thing is they still write!

After lunch, we went to the maths classroom to learn how to do a card trick using maths skills: it was clever and really fun. I had to do it in French!!

Finally, we went to a workshop on agriculture to play 'the farming game'. We had a £100 budget each year and had to plant crops that cost different prices, then we would roll a dice and depending on the number, we would have different outcomes and profits. Whoever had the most profit won!

It was an amazing day and we all learned so much!

By Erik Jones-Jonzon and Year 5/6