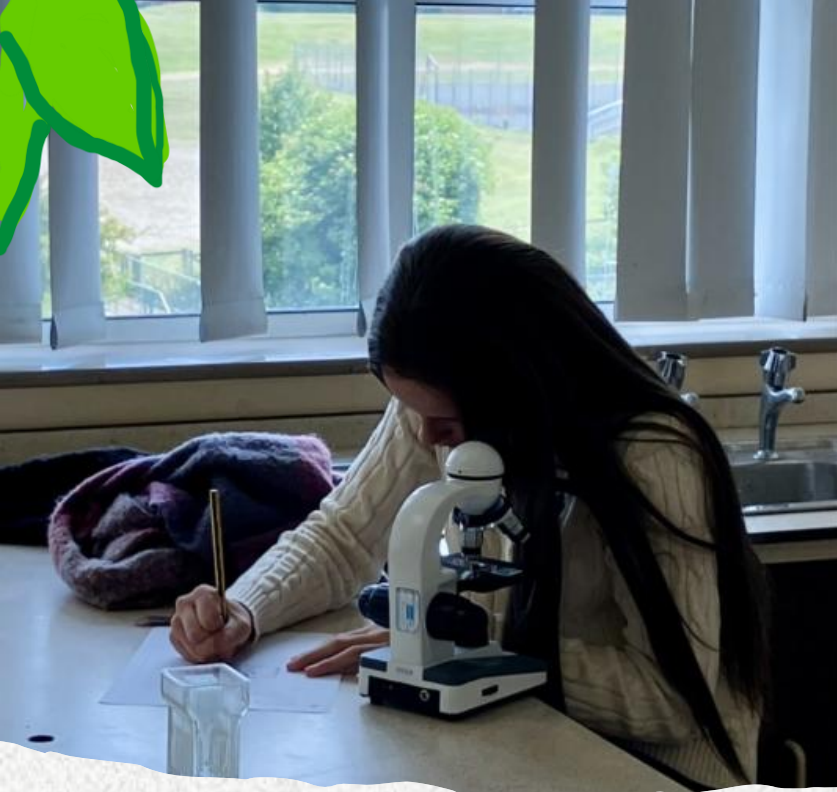


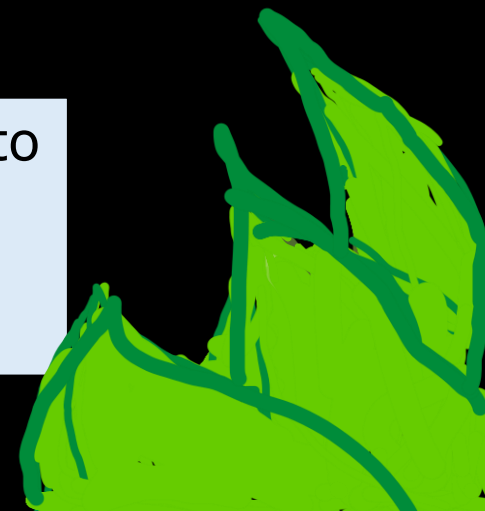
HELLO AND WELCOME TO Y10's FIRST BLOG OF THE YEAR!

- **We moved into our new classroom in September and have settled in really well We are working hard and enjoying all of the activities that are on offer at Evolve.**



Observing stomata

At the end of last term we learned about gas exchange in plants and went to the Science lab to make slides of leaves and observe stomata. It was amazing to see the detail that is present in the microscopic world and learn about the important relationship that animals have with plants. By Nat.

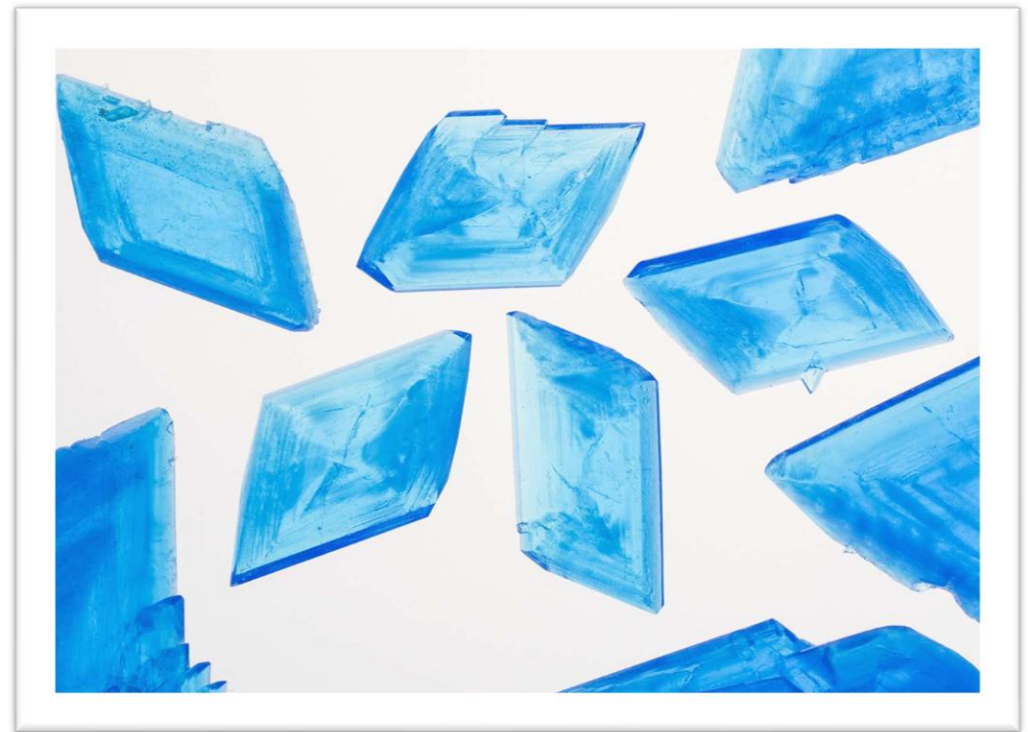
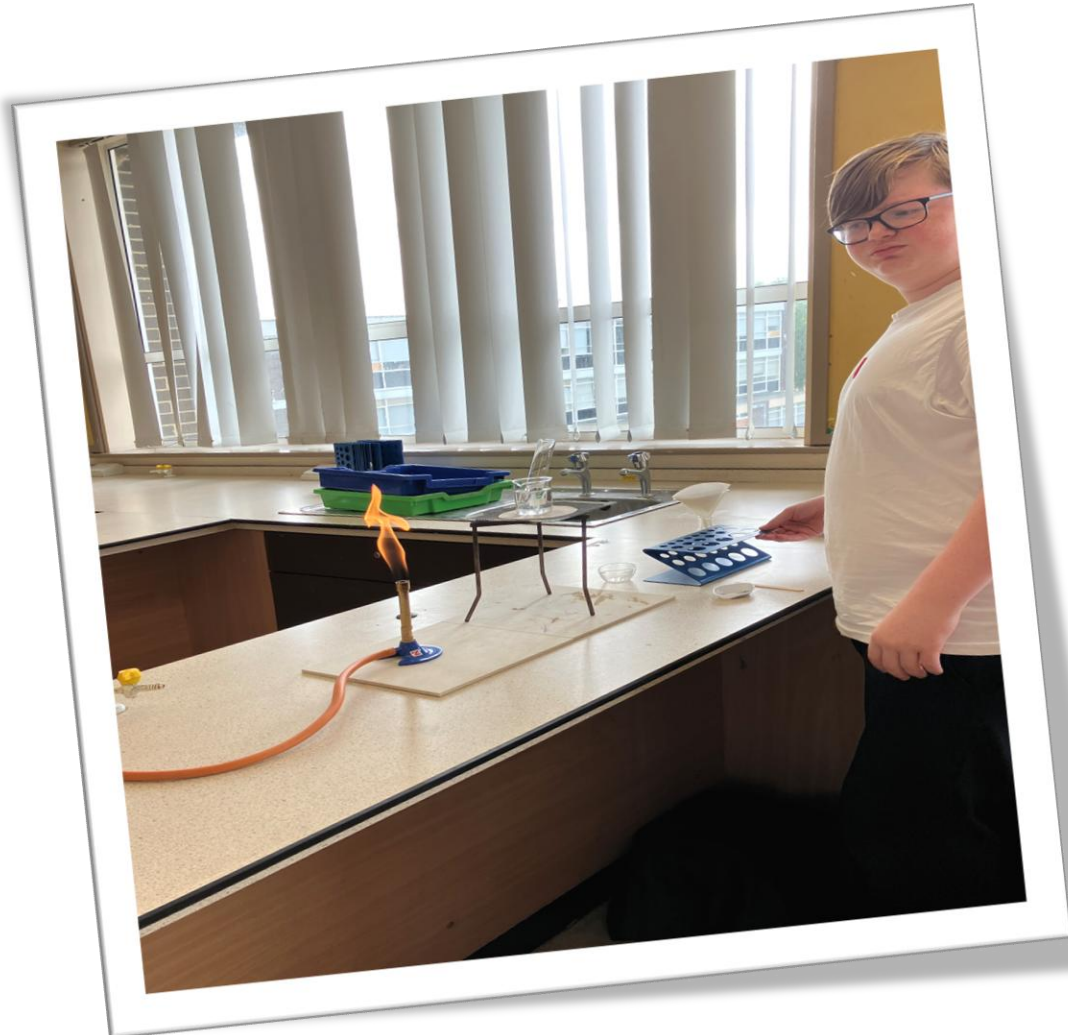


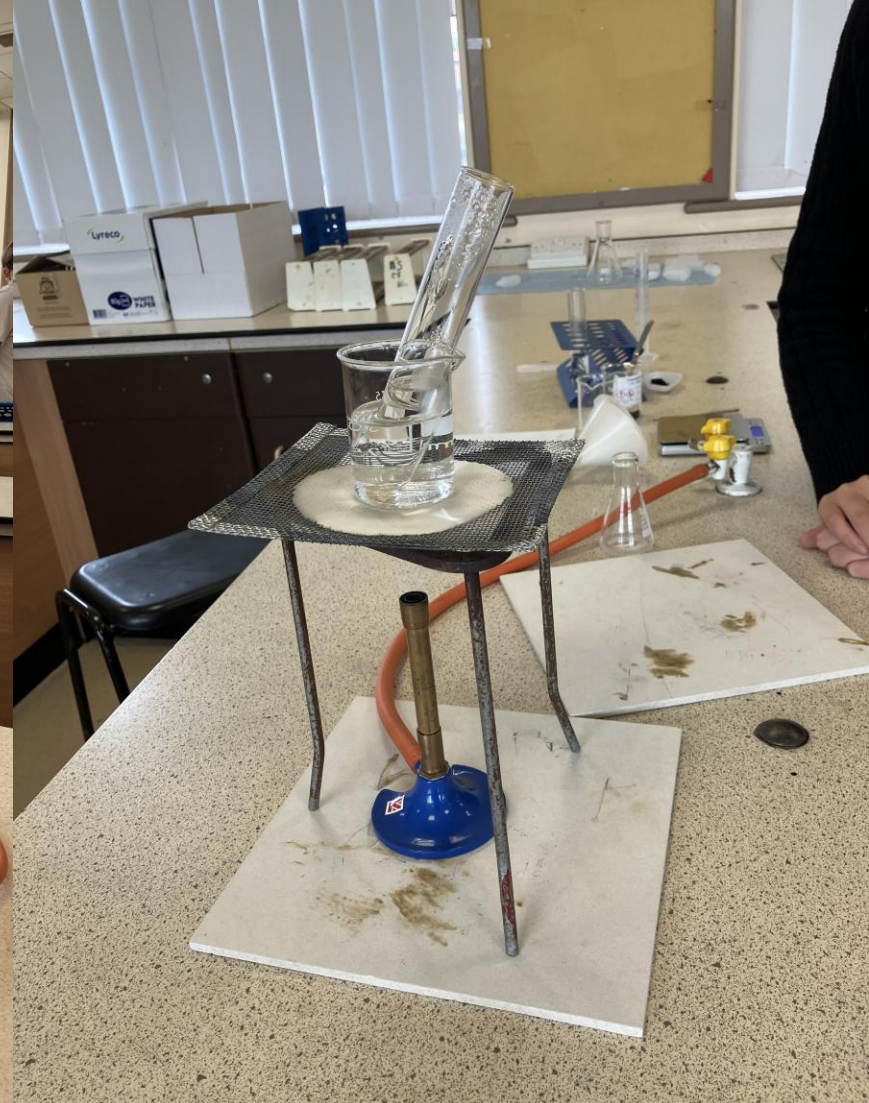
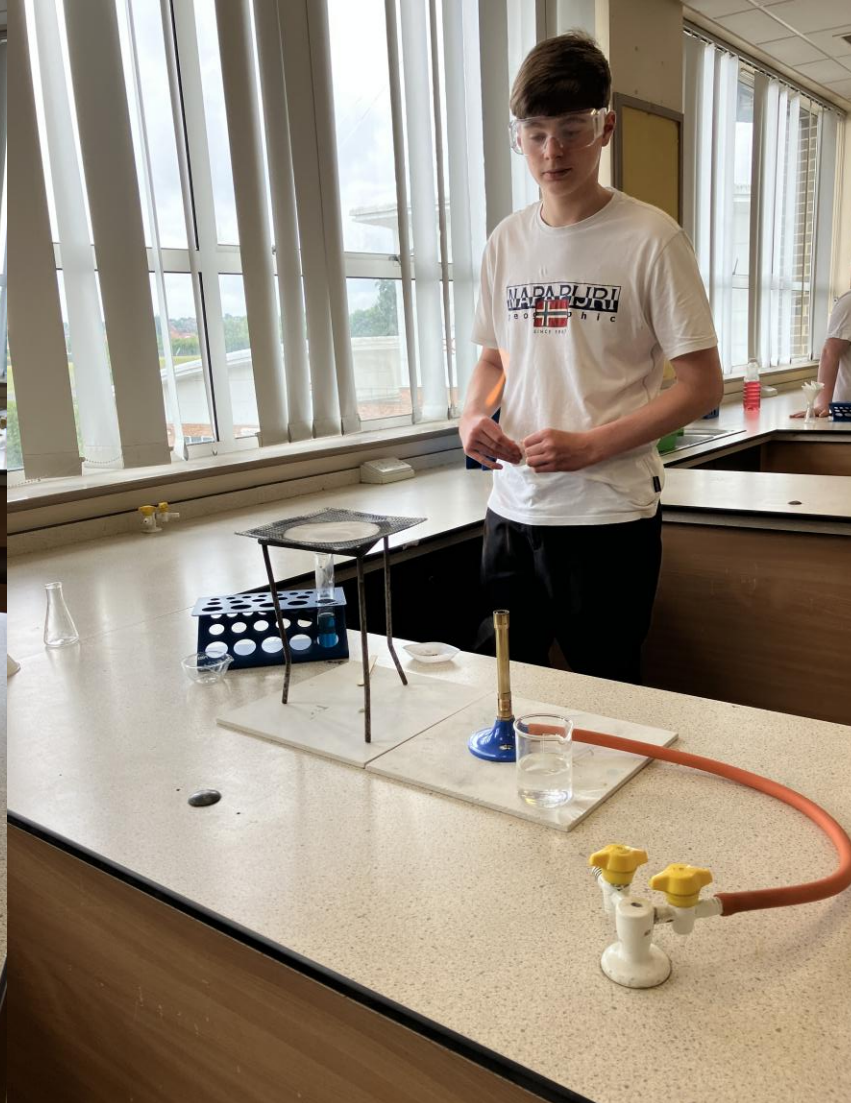
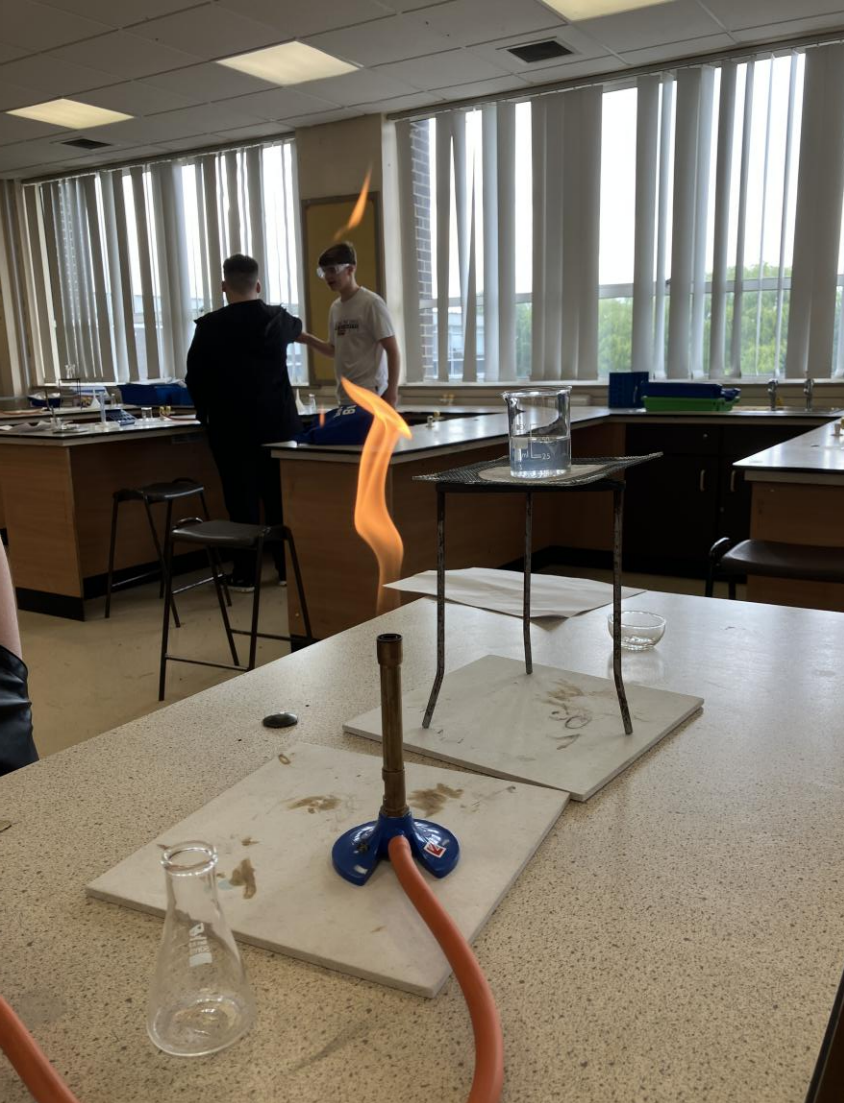
We have been getting creative in book club by creating hedgehogs out of old books by folding the pages and decorating them. They look great in our lovely library area.

By Charlie



We also learned about separation techniques in Science last half term. Our favourite separation technique was crystallisation where we had the opportunity to make crystals. By Nat.





Crystallisation Practical

Acids and Alkalis – we also investigated acids and alkalis in Science and tested the different indicators that are used to identify pH.



Every Wednesday, my class heads to Adventure Sunderland, and it's always something I look forward to. Last week, we tackled rock climbing, which was both thrilling and a little nerve-wracking at first. The moment I saw the wall, I felt a mix of excitement and anxiety, but once I started climbing, all of that faded away. The height didn't seem as daunting once I got into the rhythm, and I could really focus on the next hold. It felt great to push myself, and having my friends around cheering each other on made the whole experience even more fun. I can't wait to see what challenge we take on next!





By Sophie

By Lillie



In imedia, we have been creating magazine covers. Working to a brief, we had to demonstrate awareness of layout conventions and use tools and techniques from graphic design,

Marine Sampling at Marsden Bay



Last week we visited Marsden Bay to sample the rocky shore and to learn about the local rock formations and spooky history of the area.

We found lots of invertebrates including edible crabs, velvet swimming crabs, common shore crabs, lobsters, ragworms and lugworms and a brittle star. Find of the day was some eels found by Connor and Nat. We also saw lots of anemones, barnacle, limpets and winkles.

We also had the opportunity to go into the Grotto caves and learn about the smuggling past of the area and the story of Jack the blaster and the ghost story of John the Jibber.

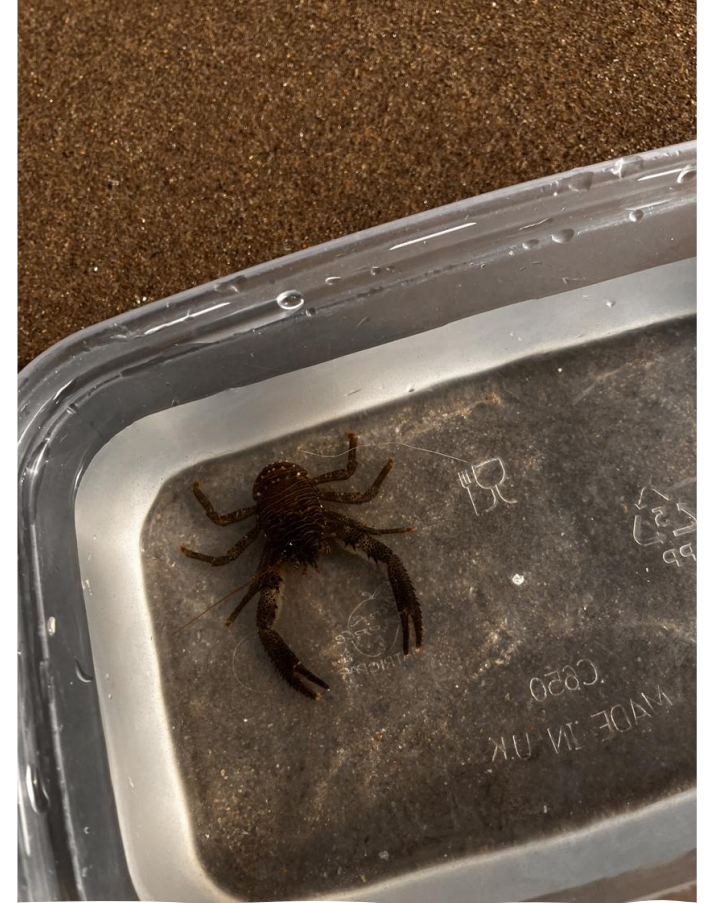


Marine Sampling at Marsden Bay



Some of the animals we found





The Grotto Caves

We really enjoyed learning how Jack the Blaster made these caves and how John the Jibber met his fate in a hanging barrel right where we were standing.