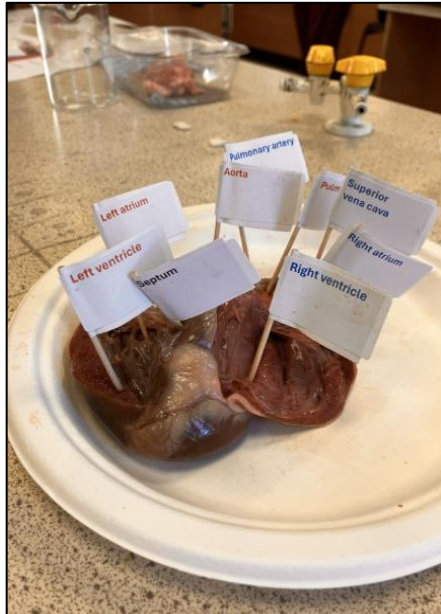


HELLO AND WELCOME TO Y10's CHRISTMAS BLOG!

We have had a fantastic term filled with learning, new challenges, and plenty of memorable moments. From working together in the classroom to getting involved in school activities. As the year begins to wind down, we're feeling the excitement build for Christmas. Welcome to our class blog, where we'll be sharing our highlights, thoughts, and experiences!

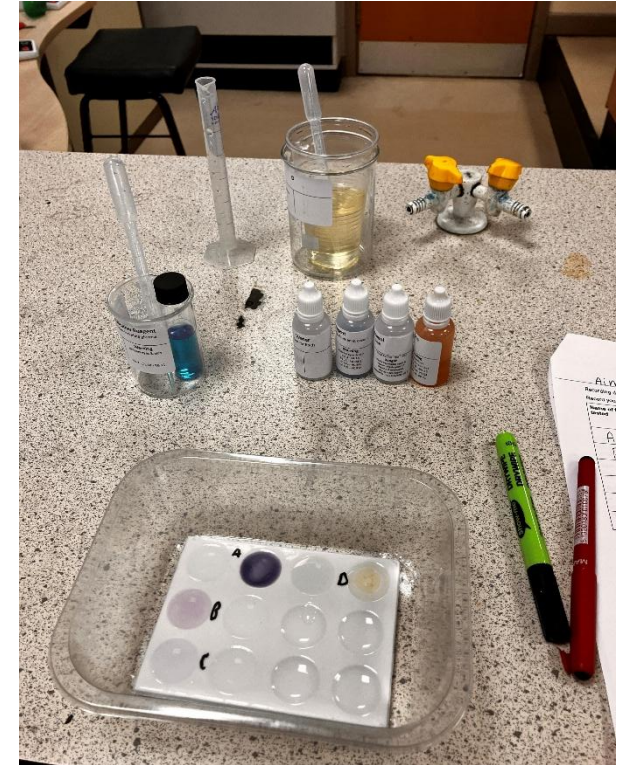
In this lesson, we carried out a heart dissection to help us understand the structure and function of the heart. We began by examining the outside of the heart, identifying features such as the coronary arteries, the left and right sides, and the major blood vessels. Then, using careful cuts, we opened the heart to see the internal chambers and valves.

We observed the differences between both sides of the heart. We also looked at the thickness of the muscular walls and discussed why the left ventricle is thicker than the right. Throughout the lesson, we compared what we saw to diagrams from the sheet Rachel handed out and discussed how each part contributes to the heart's job pumping blood around the body.



Food Tests Required Practical

We have also completed a second required practical on food tests that help us understand how food scientists test the contents of foods. We tested for key nutrients: starch (which turns blue-black with iodine), sugars (which change colour when heated with Benedict's solution), proteins (which turn purple using the Biuret test), and fats (which create a milky layer in the emulsion test). These practicals are always a highlight for students—they get hands-on experience, build confidence in the lab, and begin to understand how scientists analyse samples in the real world.



Enzymes Required Practical

In our recent enzymes required practical, we explored how amylase breaks down starch into glucose. By testing the reaction at different time intervals, we were able to observe how quickly the starch disappeared and see enzyme action in real time. This experiment helped us understand not just how amylase works, but also why enzymes are so important in biological processes.



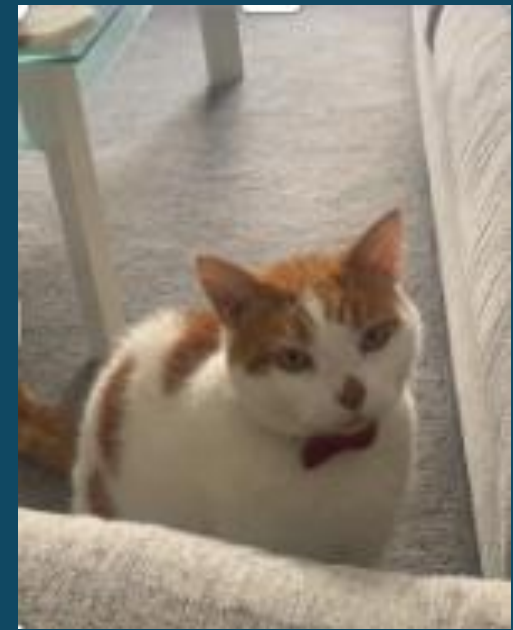
Charlie

*Cats sleep for 70% of their
life*



Cats unable to
taste sweetness,

A cat's nose print
is as unique as a
human's
fingerprint.



Charlie's
birthday
is on the
6th of
January,
and he
will be
turning
11 years
old.

Sophie :D

Chihuahuas

My dogs :]

- Chihuahuas are the world's smallest dog breed, originating from Mexico and named after the state of Chihuahua. They are known for being loyal, intelligent, and having large personalities, with a long lifespan of 10 to 18 years. They have two coat varieties (short and long) in many colors, and their small size makes them sensitive to cold and suitable for apartment living.



Elsa



Violet

Happy first of December.



FIRST DAY OF
ADVENT
CALENDARS.



Whitby goth weekend

The Whitby Goth Weekend is a bi-annual gothic festival in North Yorkshire that began in 1994 as a small gathering and has grown into one of the world's largest goth events. It attracts thousands of visitors and is inspired by the town's association with Dracula, featuring alternative music, a large market with over 100 stalls, and a vibrant display of gothic subculture.. The event is considered family-friendly.



GCSE Photography – The work of Andrew Whyte

Andrew was born in Scotland and moved down south in 1986 and spent 35 years in the south of England.

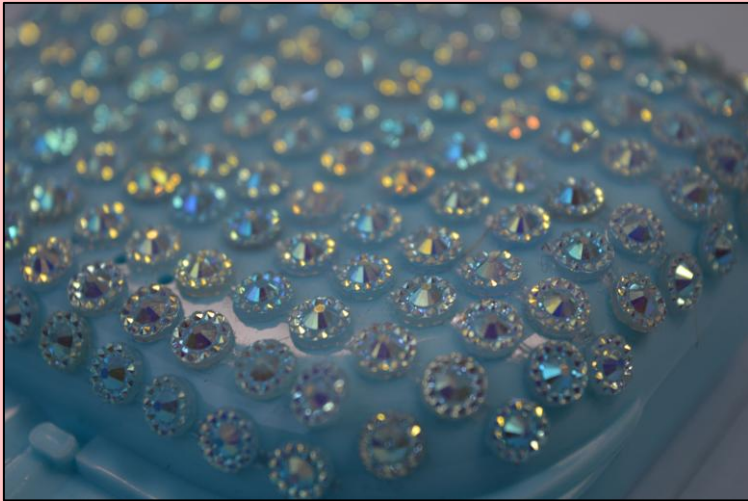
These are some images that have been taken by Andrew Whyte which present the quality of what he calls as Legography which is where he puts a mini-fig next to giant things and uses depth perception to create a look that the mini-figure is the actual size that a human could be.



GCSE Photography

We have also been learning about camera settings such as aperture, shutter speed and controlling light etc.

We have taken photos on a variety of themes





I went to the Cinema on Sunday and watched the wicked for good movie.



I thought it was quite good however it was very long (2hrs and 30mins).

I went to Beamish and
watched Hocus pocus
in their grand cinema
for Halloween.
I really enjoyed it!

