

Lunar Mission

Within Bailey Green Primary school two year 5 classes have taken part in activities to contribute evidence for the Lunar Mission.

First the children were taken on a walk around the local environment. It was a chance for the children to see some of the well-known tourist attractions within Killingworth. During this walk the children stopped to spend time looking at George Stephenson's sculpture, and also walked around Killingworth lake taking in the beautiful landscape.

This then lead on to activities we completed within our art lessons in class. The children chose their favourite picture which they had taken from the walk around the lake to sketch. They looked at different sketching techniques and thought about the proportion of the image.

Below are some images of the children's sketch art work.

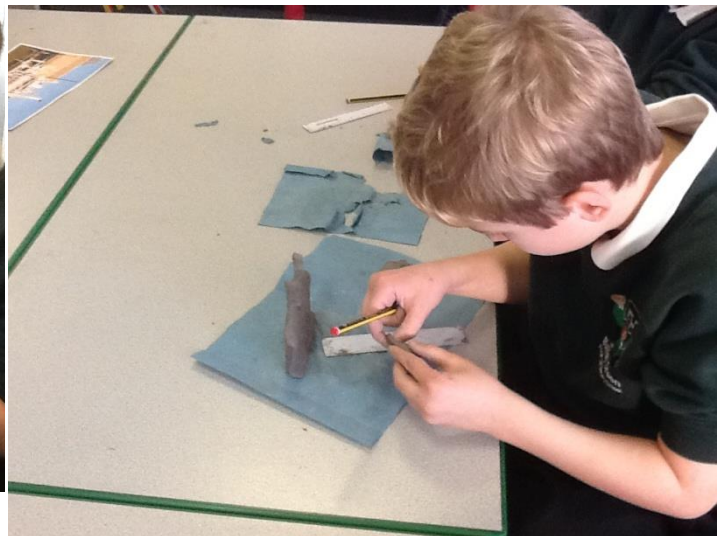


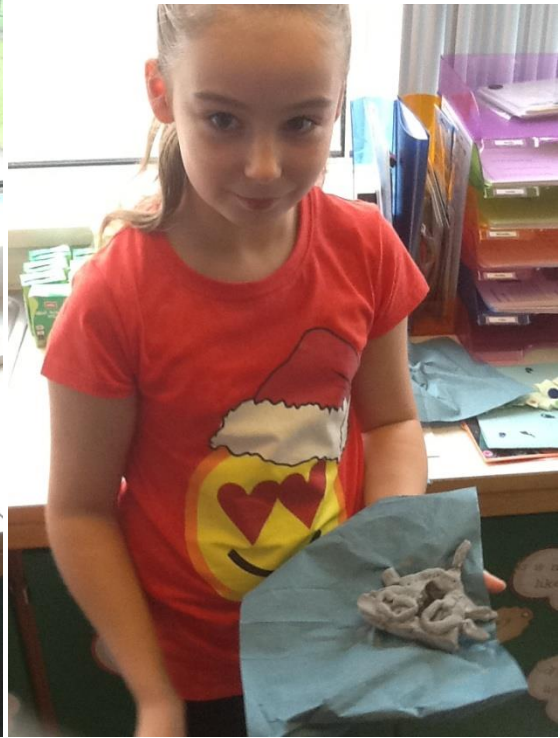


We then focused on George Stephenson's 'loco motive' statue. The children found the statue very interesting and enjoyed learning about him and his model. The children then used clay to attempt to sculpt his sculpture. The children planned out how the clay can be moulded to shape and what tools they could use to help them include the finer detail. Both classes went for a different take on how to present their work from creating a standing statue to creating a risen loco motive from a flat surface. Once dry the sculptures were then painted to show its shiny surface the children admired when visiting.

'Stephenson designed his first locomotive in 1814, a travelling engine designed for hauling coal on the Killingworth wagonway named Blücher. The Blücher was modelled on Matthew Murray's locomotive 'Willington' which George studied at Kenton and Coxlodge colliery on Tyneside and constructed the Blücher in the colliery workshop behind Stephenson's home, Dial Cottage, on Great Lime Road. The locomotive could haul 30 tons of coal up a hill at 4 mph (6.4 km/h), and was the first successful flanged-wheel adhesion locomotive: its traction depended on contact between its flanged wheels and the rail. Altogether, Stephenson is said to have produced 16 locomotives at Killingworth'









Our final submission included the children completing a day long project. The children explored the International space station, what it is, why it is need and what it looks like.

The children worked in small groups using junk materials to build their own ISS. They planned their design, made their design and then used tin foil to give it a metal finish.



