

AUTUMN 1 NEWSLETTER

At the start of this term, we welcomed new and returning parents to our Harmony Primary School community with our first event of the year, the Harmony Garden Party. Our playground transformed into a vibrant hub decorated with Autumnal bunting and graced by the warm sunshine. We were thrilled to see so many of our students and parents actively participating in the bake sale showcasing a delectable assortment of homemade treats, ranging from cookies and cupcakes to brownies and paninis. The playground buzzed with excitement as attendees mingled, enjoying the treats on display, and each other's company, strengthening our community bonds.

We would like to thank all parents, students, and attendees for their support, which helped us raise an impressive £1300.

We look forward to more opportunities to unite and nurture our school community.



LEAVES OF WONDER

This half term, in Year 1, students launched into an engaging science curriculum focusing on the changing trees and leaves. We commenced by learning the scientific names of various tree components, including roots, trunks, branches, leaves, and bark and additionally we explored the fundamental differences between evergreen and deciduous trees, deepening our understanding of seasonal changes in the natural world. We even built an adjective bank to describe collected leaves and applied our knowledge during a leaf investigation at Pinner Park, further enhancing our critical thinking and observational skills. Finally we held an independent investigation into the changing leaf colours as winter approaches.

This half term's focus on trees and leaves has not only equipped Year 1 with a stronger scientific foundation but also instilled a sense of wonder and curiosity about the nature surrounding us. Year 1 have eagerly embraced concepts like tree classifications using hands-on research whilst enriching their vocabulary and critical thinking skills. As they continue their scientific journey, we look forward to following their growth of scientific knowledge and developing problem-solving abilities.



Learning Today . . . Leading Tomorrow

In Year 2, we have been learning about the importance of having a healthy, balanced diet and the role of physical exercise as part of our studies in Science. We have come to recognise the importance and the positive impact of these factors upon our physical, emotional, social and intellectual needs.

This term so far, we have been thoroughly enjoying our weekly Physical Education lessons that have focused on: developing and adapting running, throwing

and catching techniques and performing in team games.

The experience has contributed effectively to the development of a growing sense of belonging and being an active member of the class and school community.



While in most other lessons, the outcomes are directly dependent on the individual effort made by each student, teamwork and cooperation are important skills for our young learners to acquire at this stage, in a safe and fully guided environment.

Well done key stage one!



Students Take Charge of Their Health

This term, in Year 3, we have been learning about the body. From its structure and function to what is needed in a balanced diet to aid a healthy development of the body.

We explored what constitutes a balanced diet, discussing the main 5 food groups: fruit and vegetables, carbohydrates, proteins, dairy and oils. Through teamwork we classified the benefits of a particular food and each food type it into the group accordingly. We explored this concept further through the animal world recognising animals and its food preference and explaining how it benefits the animal. Equipped with our new knowledge we are now ready to make the all important decisions as we select what we include in our daily diets.



OUR YOUNG INVENTORS, KEEP INNOVATING



Our talented Year 4 students have been busily pioneering new and useful inventions to bring us to interesting ideas. In English, we have been learning about autobiographies and biographies which included the life of some interesting inventors such as Leon Le Vasseur inventor of V8 aircraft and car engine. We have been able to dive into the imaginary world of invention where we dream big, work hard and turn our ideas into reality.

Robo-buddy: a robot to help her inventor with her daily chores. "Robo-buddy" can clean up, do chores around the house and even tell riddles. The pioneering and inventive spirit of this robot's inventor shows that a little imagination can make life more fun!

"The Flying Apple Picker", Ever wished you are able to pick up your apples from the highest point of your tree? The inventor of the 'Flying Apple Picker' has made it possible. Learn how this invention can take the weight off your shoulders by picking your apples while you are resting and enjoying your harvest.

Robot - teacher: Would you like to be taught by a robot capable of teaching you about different subject from the comfort of your own home or even in your classroom? Here is an amazing Robot teacher fit for purpose.

The latter is only a sample of the inventions our young inventors were able to put together while learning their English topic. We hope our young inventors have brought a smile to your face.

We would like to encourage our young inventors to keep on creating and keep exploring the possibilities of their imagination!

Until next time, keep innovating!



YEAR 4 EXPLORE NORTHALA FIELDS:

A WINDOW TO THE WORLD

Our Year 4 school trip took us to Northala Fields in West London. This was an ideal opportunity for us to extend our learning about our Geography Topic of Misty Mountains and Winding Rivers. Our school trips are more than just a day away from the classroom; they are a window to the world, offering our students unique opportunities for learning, personal growth, and memorable experiences for learning beyond the classroom. Our trip provided us with an overview of the current curriculum focus and educational initiatives about mountains and rivers as well as landscape. I would like to take this opportunity to thank all of our parents for facilitating the achievement of our successful trip.

Mining Museum

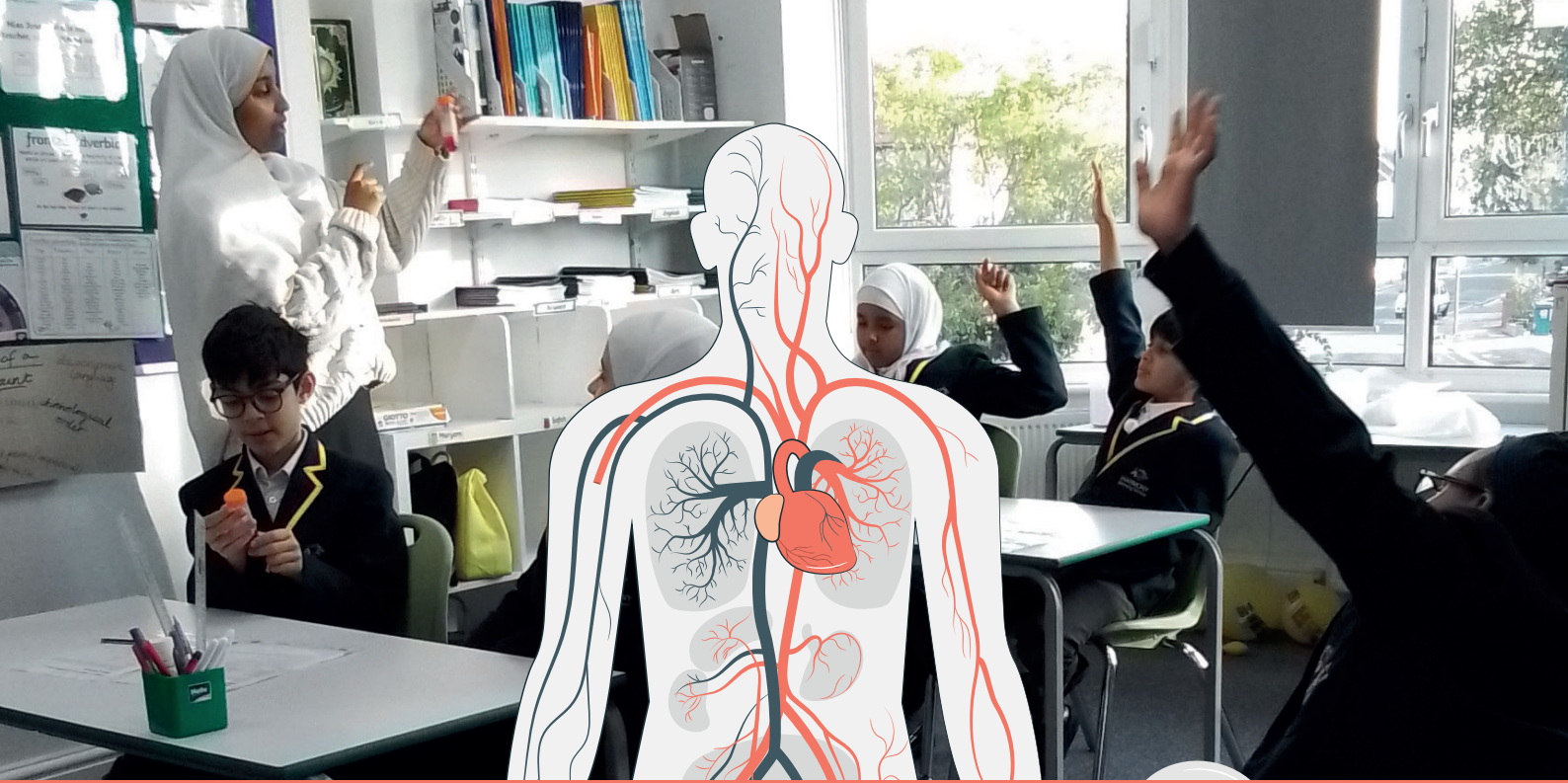
During Autumn 1, Year 5 students embarked on a fascinating journey into the depths of history, exploring the unit 'Firedamp and Davy Lamps' as part of their Topic curriculum. This immersive study involved delving into the rich history of coal mining in Britain, as well as the significance of coal in the development of industry and machinery. Our learning led us to the production of a captivating Mining Museum, hosted in our own classroom, to share our newfound expertise and experiences with our fellow students in Key Stage 2.

Embracing the role of both researcher and museum guide, Year 5 enthusiastically delved into specific aspects of study. We carefully gathered information and brought it to life, sharing our findings through both written and spoken presentations to our visitors. The museum became a hub of exploration, rich with the history, machinery, and stories of coal mining in Britain.

The Coal Mining Museum allowed us to share our hard work and knowledge with other students and served as a collaborative learning experience that encouraged the Year 5 students to explore their creativity, research skills, and teamwork involved in curating our own Museum.

Well done Year 5!

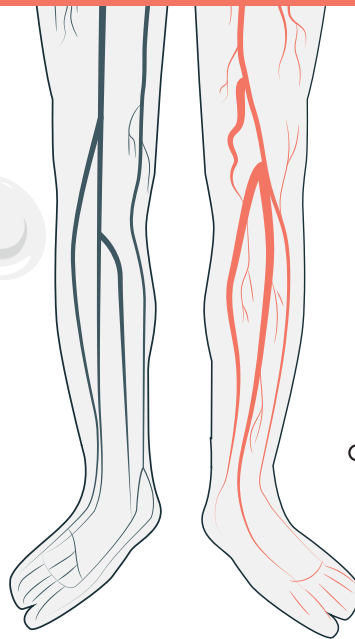




BLOOD HEART

In Year 6, students have learnt about the systems of the human body with an in-depth exploration of the circulatory system in particular. We began by learning about the intricacies of the anatomy of the heart including the four main chambers. From insights into heart anatomy, we followed our curiosities about how blood flows through the heart, harnessing their ICT skills to accumulate information from various online sources. Our findings culminated in the production of captivating posters describing the process of blood flow in the heart.

Our findings exposed us to new scientific terminology regarding the network of blood vessels that contribute to the circulatory system's critical job of delivering blood to the whole body. We continued to explore the different types of blood vessels including



arteries, veins and capillaries and learnt the differences between each type and how their specific structures aid in their roles.

We also ventured into understanding that blood is far from a simple fluid. Quite literally, there are layers to it! This is something we witnessed as we created our own representative blood samples using common cooking ingredients: honey, red food dye, milk, and vegetable oil. This hands-on practical visualised how the different components of blood settle based on their density. Year 6 witnessed how the denser red blood cells (erythrocytes) settled at the bottom while the lighter plasma floated on top, and the middle layer of milk (representing white blood cells) floated in between. After spinning, all layers mixed to form a red, homogenous liquid- exactly like our blood!