



RIVERLEY NEWS

PROUD TRADITIONS

WIDE HORIZONS

HIGH ACHIEVEMENT

MATHS 03

FRIDAY 23 FEBRUARY 2024

NEWS & FEATURES

WELCOME
PAGE 1

HOUSE OF MATHS
PAGE 2

EYFS
PAGE 3

KS1
PAGE 4

LOWER KS2
PAGE 5

UPPER KS2
PAGE 6

ASSEMBLY
PAGE 7

FAMILY WORKSHOP
PAGE 8

CHALLENGE
PAGE 9

Dear Riverley Families,

Welcome to the latest edition of our Maths Newsletter! We hope this newsletter finds you well and brimming with excitement as we share the wonderful highlights of our recent Magical Maths Number Day which took place before the half term.

At Riverley, we are always keen to spark a love for learning in our students, and what better way to do so than through the enchanting realm of mathematics? Our festivities began with a fantastic Magical Assembly on Tuesday, 30th January, led by the captivating Barney from the House of Maths, who wove the wonders of mathematics into the world of magic. The assembly was a captivating introduction to the world of numbers, leaving our students spellbound and eager to dive into the exciting activities that awaited them.

Then, on Friday, we continued the magic with a Fun Day dedicated to engaging in all things maths! From interactive games to hands-on challenges, our students embraced the opportunity to explore mathematical concepts in creative and enjoyable ways. The school buzzed with energy as children collaborated, problem-solved, and, most importantly, had fun while honing their mathematical skills. From captivating maths challenges to exhilarating games and quizzes, every moment was infused with the magic of numbers. Through engaging experiences tailored to each year group, our aim was not only to deepen mathematical understanding but also to nurture creativity, resilience, and teamwork among our students, honing our Skills Builder steps. To end our Number Day, we had a fun and interactive House Points Assembly where children had the opportunity to engage in competitions, magic, and even witness their teachers compete against one another in a magical multiplication quiz! The friendly rivalry and spirited atmosphere added an extra layer of excitement to our Maths Number Day.

As the Maths Lead for Riverley, I am thrilled to share some of the highlights and achievements from this memorable day with you. Together, we celebrated the joy of mathematics while making a positive difference in the lives of children supported by the NSPCC. Thank you for your continued support and enthusiasm in making events like these possible. Together, we are shaping the future mathematicians and problem-solvers of tomorrow!

Warm regards,
Suhaila Adrees
Maths Lead



House of Math5

On Tuesday 30th January, just before our actual Number Day, we had the pleasure of hosting Barney from House of Maths for a mesmerising maths assembly at Riverley, and it was an absolute hit!

His interactive and enchanting teaching style had our students completely engrossed! The magical atmosphere he created left both students and teachers spellbound, with everyone eagerly participating and learning. Barney's approach not only made maths accessible and engaging but also ignited a newfound enthusiasm for the subject among our students. Their positive feedback was overwhelming, and we're immensely grateful for Barney's contribution to making maths education a truly enjoyable experience for all.

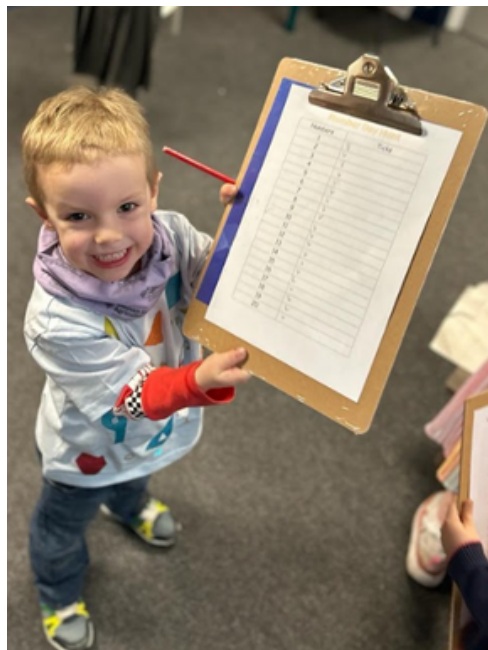
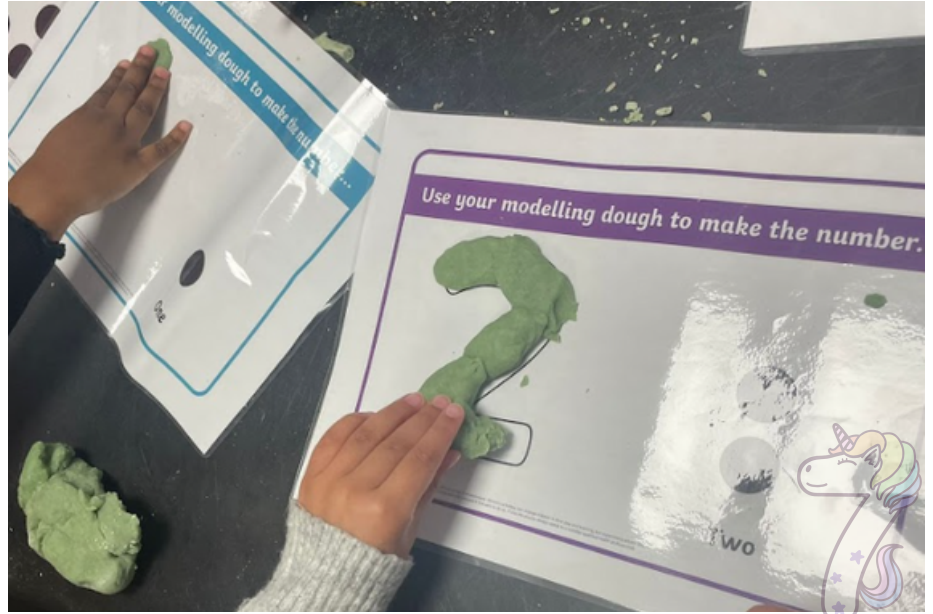
Moreover, it was a great way to kick-start our Number Day, which took place on Friday 2nd February! The excitement and energy from Barney's assembly carried through the entire week, setting the perfect tone for our celebrations. We're excited about the possibilities for future collaborations and can't wait to see where Barney's enchanting teaching style takes us next!





Nursery

Nursery students took part in a magical journey of number discovery, building number blocks, painting vibrant numbers, and moulding play dough into enchanting numerals. Each activity not only enhanced their fine motor skills but also sparked a love for numbers, paving the way for future mathematical adventures!



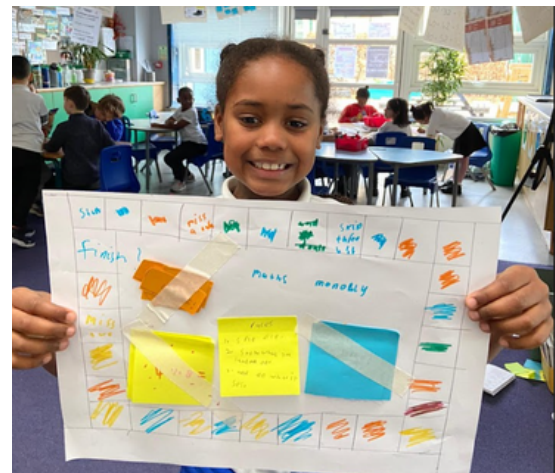
Reception

Reception students set out on an exciting number hunt around the school grounds! With enthusiasm and curiosity, they embarked on a search high and low, discovering numbers hidden in various nooks and crannies. From counting the windows to finding numbers on classroom doors, every find was a moment of delight and learning. This hands-on activity not only reinforced their counting skills but also encouraged them to explore their surroundings while developing their observational skills.



Year 1

Year 1 students ventured on a magical afternoon focused on measuring, specifically exploring capacity and volume. Inspired by the theme of magic and transformation from their book, they were tasked with creating a magical potion to help turn their teacher back into a human! The adventure began with an exciting ingredient hunt, where students practiced their counting skills as they collected the necessary items for their potions. Once all the ingredients were gathered, the students then engaged in a writing activity, documenting their ingredients in a potion recipe. This not only reinforced their understanding of counting and numeracy but also encouraged literacy skills development through writing and composition. With their ingredients listed, the budding young wizards proceeded to the next step—measuring. Using various tools and containers, they carefully measured out the quantities of each ingredient, exploring concepts of capacity and volume in a hands-on and engaging way. Through this magical potion-making activity, Year 1 students not only honed their mathematical skills but also exercised their creativity and imagination, all while delving into the enchanting world of measurement.



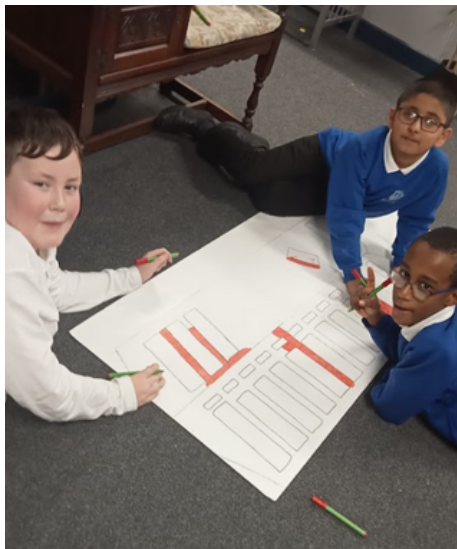
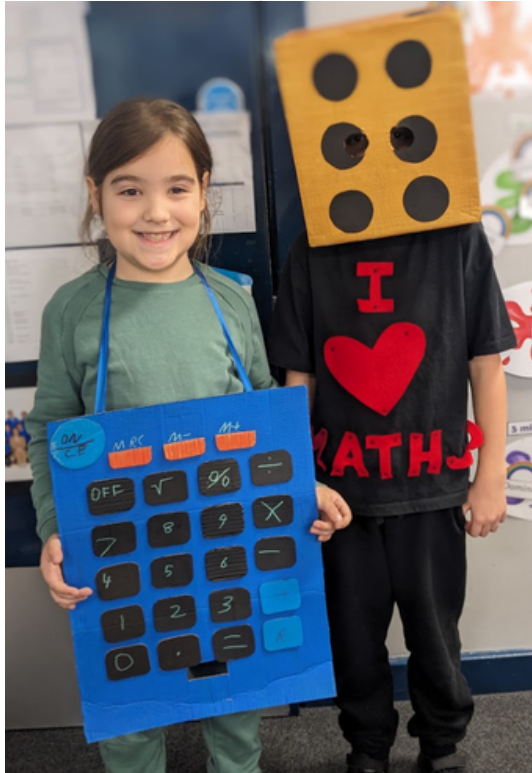
Year 2

In Year 2, students delved into a magical journey into the world of numbers by becoming game designers. Infusing their creations with the enchanting magic of mathematics, they crafted board games and card games to explore mathematical concepts. As they tested their games by playing with each other, they experienced the captivating allure of numbers in a fun and engaging way. This hands-on experience not only strengthened their understanding of mathematical concepts but also fostered collaboration and teamwork, creating a truly enchanting learning environment.

Year 3



Year 3 students explored the world of measurement. Through hands-on activities, they honed their understanding of measuring length, weight, and capacity. From using rulers and measuring tapes to comparing the weight of different objects, the students embraced the challenge of mastering this fundamental mathematical concept.



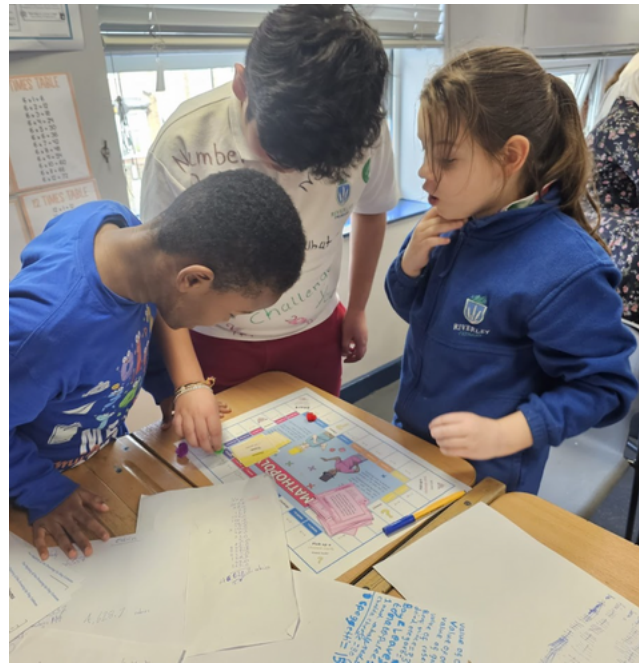
Year 4



Year 4 students began a magical adventure of numbers through the captivating rhythms of samba dance. Immersed in the vibrant beats and movements, they discovered mathematical patterns and sequences, enhancing their numerical understanding in a dynamic and exhilarating way. Additionally, they engaged in small and large-scale drawings inspired by the intricate detail and perspective of Stephen Wiltshire's artwork. Through these artistic endeavours, they not only honed their drawing skills but also developed a deeper appreciation for the beauty and complexity of mathematical concepts.

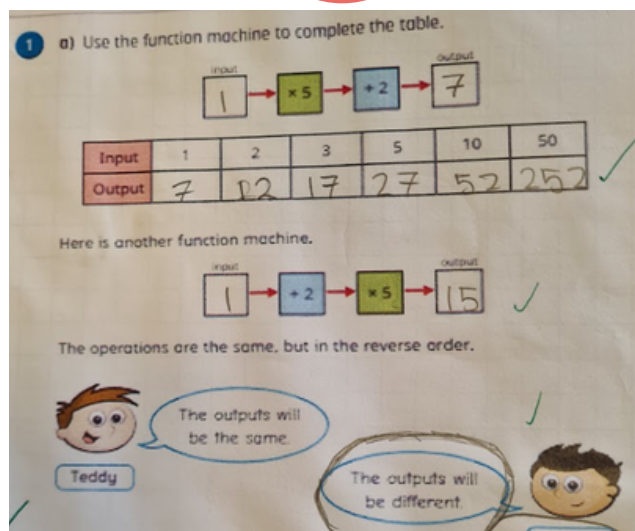
Year 5

In Year 5, students dived into the magical world of maths through games like Mathopoly and became mathematical detectives. Focusing on problem-solving, they honed their skills while uncovering numerical mysteries. This immersive experience reinforced their understanding of maths and fostered curiosity and resilience.



Year 6

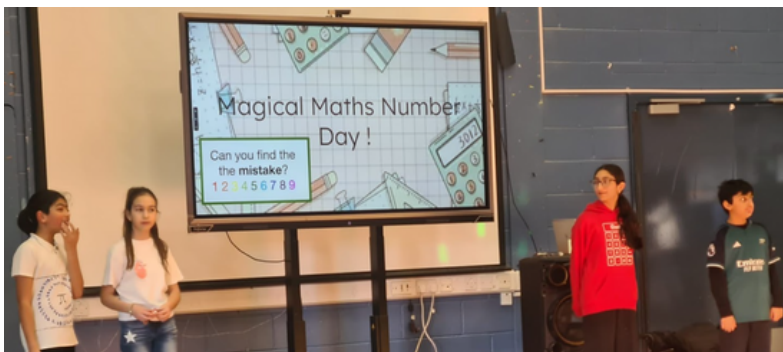
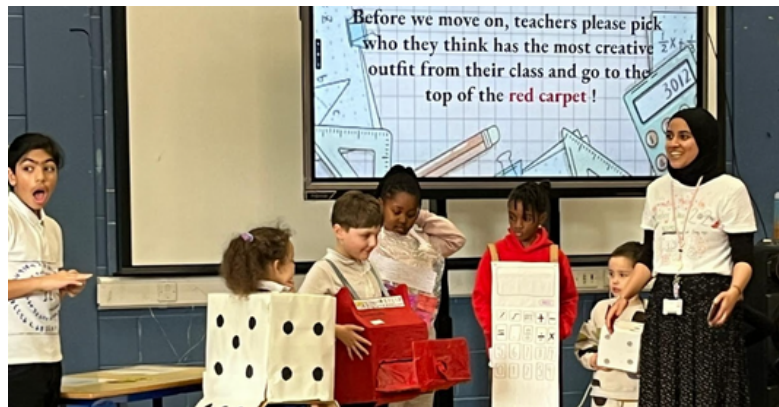
Year 6 students undertook a transformative journey into the enchanting world of algebra. Through the exploration of function machines, they immersed themselves in the mysterious realm of inputs, outputs, functions, and rules, unlocking the secrets of mathematical transformations. Initially, they were tasked with deciphering the operations within the function machines, calculating outputs from given inputs using any of the four operations. They then delved deeper, discovering the inverse operations to find missing inputs from given outputs, developing their understanding of mathematical relationships. As their magical quest progressed, they encountered function machines with two steps, navigating the complexities of sequential operations. They learned the importance of following the order of functions, understanding that the sequence can dramatically affect the outcome. Through this mystical journey, Year 6 students not only honed their algebraic skills but also cultivated their problem-solving abilities and logical reasoning, emerging as adept mathematicians ready to unravel the mysteries of the mathematical universe.



OUR MAGICAL MATHS NUMBER DAY ASSEMBLY!



Our very own Year 6 Maths Ambassadors took centre stage to lead an electrifying assembly, captivating students and staff. With their infectious enthusiasm and magical charisma, they infused the assembly with an aura of excitement that could rival even Barney from House of Maths! The assembly was a delightful blend of entertainment and education, featuring mesmerising magic tricks that left the audience spellbound. But the real highlight was the thrilling multiplication quiz, where students and teachers went head-to-head in a battle of mathematical wits. To celebrate our children's achievements, we rolled out the red carpet and invited some of them to showcase their creative outfits in a glamorous fashion walk. Led by our talented Maths Ambassadors, the assembly was not only a showcase of mathematical prowess but also a celebration of teamwork and camaraderie. Through their engaging leadership, they ensured that everyone, from students to teachers, felt included and inspired to embrace the magic of mathematics.



Team
AWESOME MATHS MINIONS



MATHS FAMILY WORKSHOP



We extend our heartfelt thanks for attending our first mathematics workshop. Your participation was truly appreciated.

During the workshop, we had the opportunity to introduce families to our approach to mathematics education: providing insights into our curriculum, lesson structures and the resources we employ to enrich your child's learning experience.

We recognise the pivotal role families play in supporting their children's education.



Looking ahead, we eagerly anticipate hosting more workshops and opportunities for collaboration. Your feedback and involvement are invaluable as we strive to create the optimal learning environment for our students.

Remember, should you require any assistance or support with mathematics, please do not hesitate to reach out to me.

Once again, thank you for your active participation, and we eagerly anticipate seeing you at our forthcoming events.

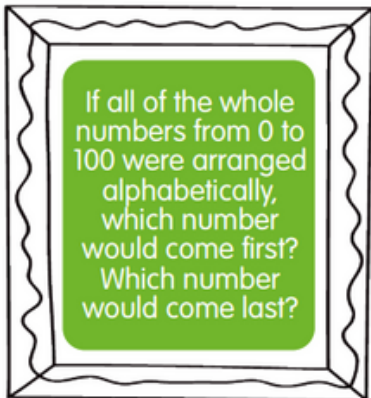


workshop

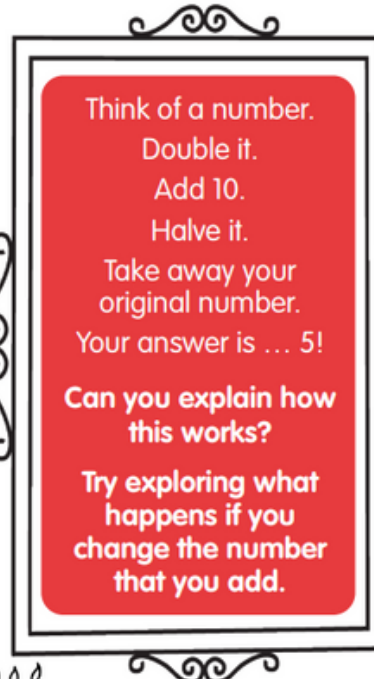
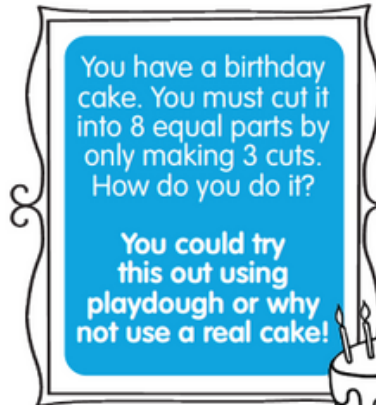
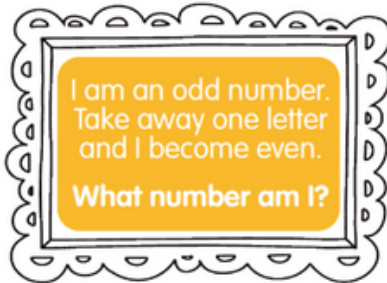
MAGICAL MATHS CHALLENGES!

Brain Teasers

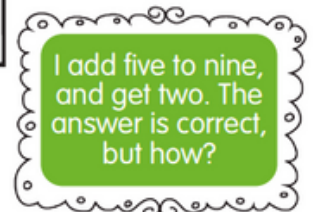
Have some fun with these brain teasers and problems ...



Move one matchstick to make this calculation correct.



Can you move just 3 coins to flip this triangle upside down?



Did You Know?

Mathematics can be fascinating and magical. Discuss and explore these interesting examples.



FOUR is the only number that is spelt with the same number of letters as its value (4).

