



MCA TODAY

THE MATHS EDITION



WHAT'S HAPPENING AT THE MOMENT?



YEAR 7

Year 7 students have been strengthening their understanding of place value by working with large numbers and decimals, ordering and rounding them, and applying these skills to real-life problem-solving.

YEAR 8

Currently, Year 8 students are extending their skills with fractions by comparing, calculating, and using them in a range of practical and mathematical contexts.



YEAR 9

This half term, the Year 9 topic is 'Equations, Inequalities & Formulae'. Students are building their algebra skills by simplifying, factorising, and rearranging expressions and equations.

YEAR 10

Year 10 students are deepening their understanding of ratio by exploring sharing in a ratio with real life contexts, combining ratios and even linking ratio to algebra!





YEAR 11

Our Year 11s have just completed their first PPEs (mock exams). Each teacher is now tailoring the lesson to focus on the specific needs of their class, based on the exam outcomes.



CELEBRATIONS

This year, MCA students have been smashing their personalised Sparx Maths homework. With **389,986 questions answered correctly** and an incredible **5,237 hours of independent learning**, our students are proving what Sparx research shows: **those who complete homework to 100% every week make significantly faster progress in maths.**

Let's keep the momentum going—**small, consistent habits lead to big wins!**



FAMILY FOCUS

Maths isn't just for the classroom—even our teens use it every day.

Whether they're comparing deals while shopping, analysing sports stats, planning travel times, tracking budgets, or spotting patterns in data and technology, the skills they learn in Maths are central to their adult lives. By encouraging your child to notice and use Maths in real life, you help them see its value and build confidence in using it independently.

Family Focus & Financial Numeracy

One of the most powerful ways to bring this home is through financial numeracy. As part of this, we encourage families to explore the excellent resources available from NatWest's Think Money for Teenagers programme: <https://natwestthrive.com/>



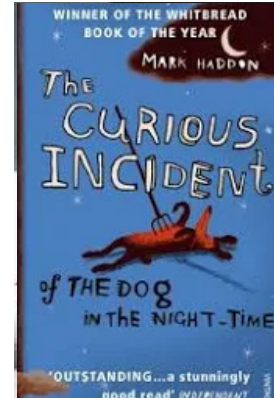
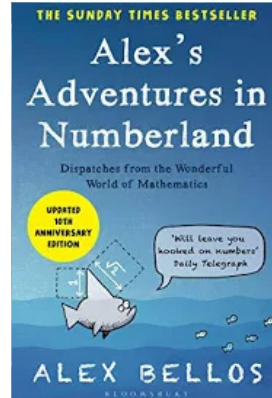
STAFF SPOTLIGHT

Mrs Wanjohi is currently reading **The Nightingale** by **Kristin Hannah**. The novel follows the journey of two women in occupied France during World War 2. Mrs Wanjohi says that she can't put the book down and recommends a box of tissues for anyone reading it!

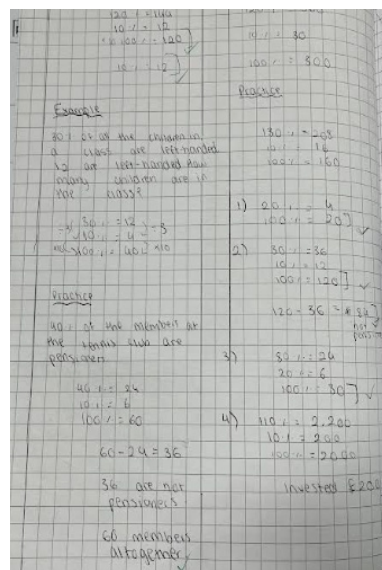
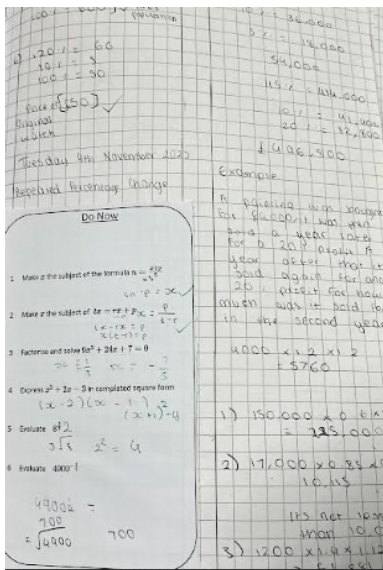
BOOKS WE'RE LOVING THIS WEEK

Here are some brilliant Maths related reads, all available at the MCA Library:

Hidden Figures– Margot Lee Shetterly
 Alex's Adventures in Numberland– Alex Bellos
 The Curious Incident of the Dog in the Night-time– Mark Haddon (older children)



STUDENT SPOTLIGHT



JASLEEN K - YEAR 10

Jasleen is one of our most dedicated and talented Year 10 students.

She is fantastic at repeated percentage change. This topic covers compound interest and simple interest. This will be an incredibly useful skill to have in the future when comparing banks and looking for the best interest rates. Well done Jasleen!

WHAT'S COMING UP?



The UK Maths Trust's Intermediate Mathematical Challenge (IMC) will be held in January 2026.

Our students will be competing against pupils from across the country. The IMC is well known for being a difficult problem solving challenge so best of luck to MCA students!