



Numeracy Newsletter

Summer 2024

Issue 2

Sparx Superstars!

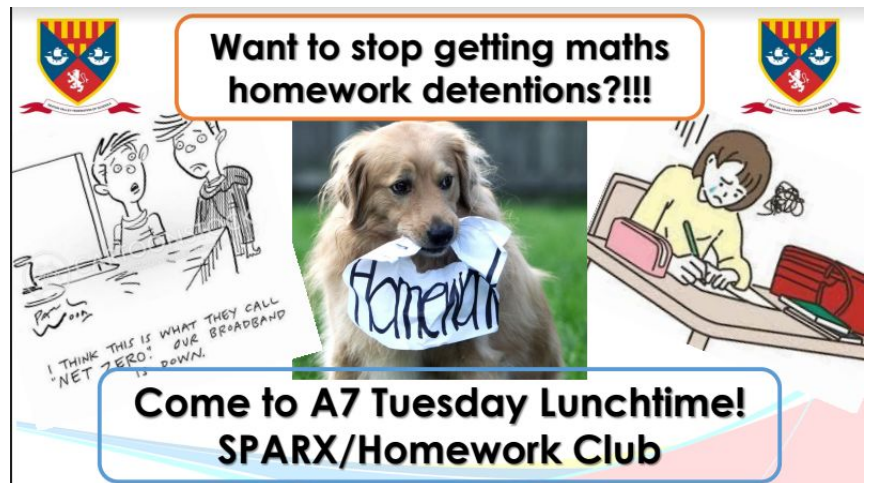
Current leaders of XP Points in Sparx:

Lucy H Level 3 with 33924 (9a1)

Caleb R Level 3 with 32760 (9a1)

William H level2 27191 (9c2)

If you are struggling why not pop along to Ms Ferguson's homework club?



Proving the Unbelievable!

10A1 have been readying themselves for University Maths by proving something which is surely false!

They took the time and algebra skills to prove that 0.9 recurring (0.9999999999....) is indeed the same as 1. Do you think this is correct or do you think Maths has went a step too far?!

Think about this..... What is 0.3' recurring as a fraction? What would happen if you added three thirds together?

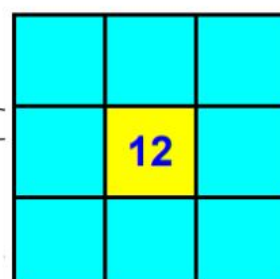
Ward's Problem Solving Thursdays!

10a21 have been enjoying problem solving Thursday with Mrs Ward. They work in pairs to find a solution and provide a written explanation of their strategy.

Winners include Ava P, Honey B, Leon HR, Jess R, Olivia L, Amelia B

It gets very competitive!

Can you put the numbers 1 to 8 in each of the squares so that each side adds up to the middle number?



Shot Put Champions!

Mrs Hewitson has been challenging her students to see if three of their best Shot Put distances could beat the female world record distance of 22.63m. In the end they had to work out how far away they were from the record! The shot put is a metal ball that weighs 4kg and athletes must throw this as far as they can!



Try this: If 1kg = 2.2 pounds, how much does a shot put weigh in pounds?

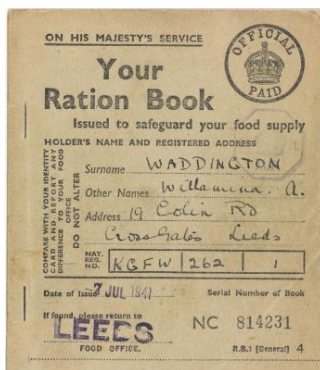
Historical Maths in Action

The History department have been cross curricular pioneers - each year group this term has combined Maths with History - what a duo!

Year 9 had to work out a budget to spend on defending the country during WWII, then look at how much food they can get within their rations.

Year 10 looked at data about death rates, doing averages between the different areas affected by the pandemic.

Year 11 were circumnavigating the globe; calculating how far the journey is and how long it would take.



Do you have a story for the next issue?

Do you, your classes or peers have any good news Maths stories you would like to share? Let me know! Miss Tyler :)

Can you Solve this?

$$\begin{array}{l} \text{Red Rose} + \text{Red Rose} + \text{Red Rose} = 60 \\ \text{Red Rose} + \text{Blue Daisy} + \text{Blue Daisy} = 30 \\ \text{Blue Daisy} - \text{Yellow Daisy} = 3 \\ \text{Red Rose} + \text{Yellow Daisy} + \text{Blue Daisy} = ? \end{array}$$