

NUMERACY NEWS

May 2019

What is happening in classes?

S1 have just sat an assessment on symmetry; statistics; the circle and area of quadrilaterals. They should very pleased with their hard work!

S2 classes are working on a number topics at the moment. These include percentages and changing the subject.



S3 are working towards sitting unit assessments and class tests at the moment.

SQA Exams

All of the Maths exams have now been sat. The papers were very fair and gave our pupils an opportunity to show off their great work from throughout the year.

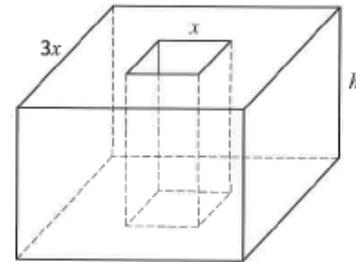


Every year, there are always petitions after the Maths exam regarding certain questions. This year, the question that got the focus of most of the Higher pupils was about a certain box of chocolates!

Have a go at part (a) and see how much of it you can try:

The box is a cuboid with a cuboid shaped tunnel through it.

- The height of the box is h centimetres
- The top of the box is a square of side $3x$ centimetres
- The end of the tunnel is a square of side x centimetres
- The volume of the box is 2000 cm^3



(a) Show that the total surface area, $A \text{ cm}^2$, of the box is given by

$$A = 16x^2 + \frac{4000}{x}$$

If you think you've got it, here is a video with a solution by DLB Maths: <https://www.youtube.com/watch?v=XTfIygPw9Ec&safe=active>

(For any pupils about to begin Higher Maths...DLB Maths is a great account!)

Numeracy Across the Campus

Mrs Carr has been using decks of cards in her tutorials with S1-S3 pupils for addition, subtraction and place-value. They have been using the cards to generate random sums or to practice their times tables. Pupils have been gaining confidence, speed and accuracy, as well as having fun.



SNSA's

S3 are currently sitting their SNSA's at the moment; this stands for Scottish National Standardised Assessments. These are completed in P1, P4, P7 and S3 to give an overview of how pupils across Scotland are performing in Numeracy and Literacy. These will give us an overview of how the current S3 are performing and what we can do to support them as they progress into fourth year and further with Maths.



Monthly Maths Puzzle

If one and a half hens lay one and a half eggs in one and a half days, how many eggs does one hen lay in one day?



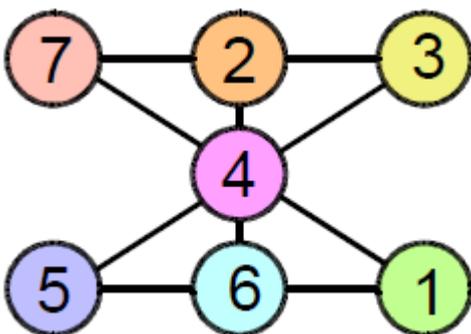
If you think you know the answer, e-mail in and let us know for a chance to win the monthly prize.

March Puzzle Winner

Well done to our winner for the April puzzle...**Miss Docherty!**

You had to put the numbers 1-7 in the circles so that the total of every line was 12.

The solution was:



Thank you to all participants!

Contact Us

If you would like to subscribe to this newsletter on a monthly basis with the chance to win prizes, then please email: gw15numeracynews@glow.sch.uk

If you have any interesting mathematics facts, or would be interested in sharing how numeracy is involved in your job, we would love to hear from you. Do you have pictures, puzzles or just a humorous anecdote? Then please feel free to send over an email. Thank you very much.