

MATHS MEMO

JAN20

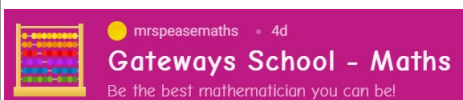
Treasure Hunt

This month we went into the performing arts centre to do a fractions treasure hunt. The students chose from 4 levels of increasing difficulty. They worked in pairs answering questions on their whiteboards. They enjoyed being active and worked very well together.

January Maths

This month students learnt:

- Substitution
- Collecting like terms
- Finding the perimeter and area of rectangles using algebra
- Equivalent fractions
- Comparing fractions
- Converting improper fractions to mixed numbers
- Adding and subtracting fractions



Students should bookmark the maths padlet on their internet browser. It is an online page full of recommended sites to help students be the best mathematicians they can be.

<https://padlet.com/mrspeasemaths/xwts0pp3of9c>



Students can stretch and challenge themselves every week with this optional maths quiz.

<https://parallel.org.uk/>

Sign up with teacher code

qghdyd

Well done to Jamie, Mckenzie, Eleanor and Wendy for signing up and completing a parallel!



When completing online maths homework, students should always watch the video before trying the quiz!

Students need to make notes and try questions from the video in their orange Hegarty books—these are brought to lesson each Thursday.

Well done to those students that are maintaining the highest standard in their quizzes!



Students who are confident and fluent in the numeracy foundations of maths are better equipped to thrive when they learn the higher-level concepts.

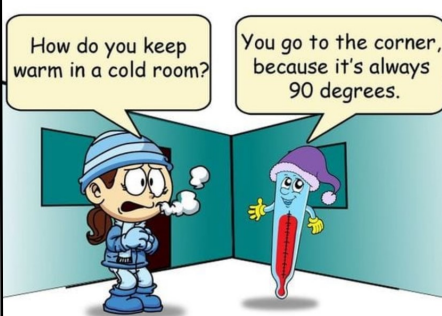
Numeracy Ninjas can play an important role in preventing any gaps students have in their basic numeracy strategies from becoming barriers to their learning.

Upper 3 complete a Numeracy Ninja starter once a week, 30 questions are answered in 5 minutes.

Well done to Amelia for getting the first black belt!



Funny Maths



Talulah's Tulips

Talulah plants 60 tulip bulbs. When they flower, she notes the following:

- Half the tulips are yellow
- One third of those which are not yellow are red
- One quarter of those which are neither red nor yellow are pink
- The remainder are white

What fraction of the tulips are white?

(Solution in the February maths memo.)

Display Work

After learning how to collect like terms, students applied their understanding to solve more challenging algebraic perimeter and area problems. Students worked in groups and created flash-cards showing all of the stages in their working out and describing their method in detail.

The top flash cards are now displayed in our classroom. Well done Upper 3!



Monthly Quote

The only way
to learn
mathematics
is to do
mathematics.

PAUL HALMOS

February Maths

Lessons in February will focus on angles. After the unit on angles we will move onto coordinates and graphs.

Knowledge Organisers

Coming soon!

Pages summarising key facts, formulas and methods for the topics covered in lesson. Students can use these to aid their understanding and progress.

Key Dates

- Thursday 30th of January
Parents Evening
- Tuesday 11th of February
Half term test

Maths Support

It is important for students to ask me for help whenever they need extra support with their maths.

Students can:

- find me in my classroom, S2, during the second half of lunch or after school on Tuesdays and Wednesdays.
- leave feedback online on Hegarty Maths questions, I will reply to queries.
- Email me at rebecca.pease@gatewayschool.co.uk with any questions they have.



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