



## Maths Newsletter—Autumn 2 2022

Welcome back to our Maths Newsletter! This half-term has been an action packed half-term of maths!

### Mastery Maths Workshops

Families from Class 3 - 5s joined together with their children to learn about our Mastery Approach to teaching Maths. Mastery is about all children achieving in Maths, so they are able to have a deep level of understanding, so they are able to talk and reason. We hope families now have a good understanding of the Mastery approach to Maths and enjoyed having a go too! The feedback we have received has been so lovely, and the children and staff really enjoyed the workshops.



### TTRS Leader Board

Make sure to keep practising on TTRS to see if you can become a ROCK HERO!

Ra	Name	Rockname	Initial Studio Speed	Current Studio Speed	Rock Status
1	Sebastian	Flo Stemple	8.33	0.62	Rock Hero
2	Lucas	Andrew Meek	8.11	0.91	Rock Hero
3	Henry	Hero Hargreaves	3.55	1.06	Rock Legend
4	Oliwer	Piper Black	30.00	1.10	Rock Legend
5	Polly	Natty Rippler	3.14	1.17	Rock Legend

### Maths Challenges

Have a go at these challenges—come to Miss Gill for answers **KS 1 Challenge:**

### KS2 Challenge:

#### Math Game

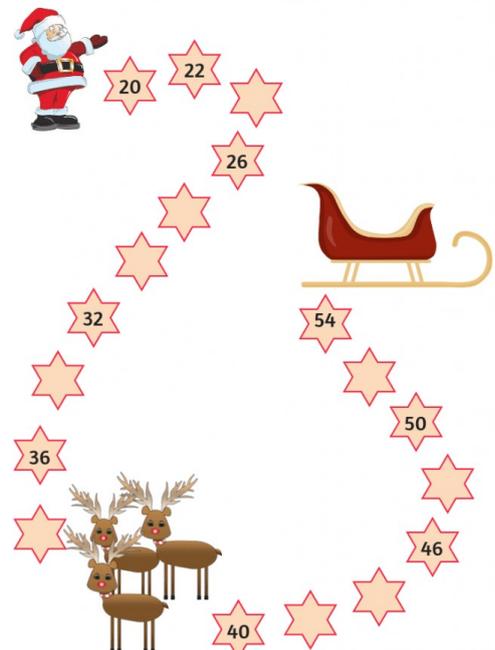
= 8   = 2   = 6   = 4

+ + =

+ - =

- + =

#### Christmas Missing numbers



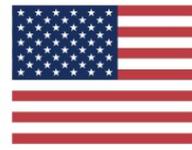
## Inspirational Mathematician



# Mary Jackson

(1921 – 2005)

**Nationality**  
American



**Known for**

Studying the maths and physics of air flow for NASA aircraft

Having her story told in the film *Hidden Figures*, along with two other Black female NASA mathematicians

**Debt Aware**

Money skills for life

## Debt Aware—Money Workshops

Year 5 and 6 worked with Mr Souter and Mr Goulard on the Money program. These workshops are run throughout the year to support the children's understanding of how to use money for the future.

This half-term the Year 5s have looked at wants and needs; what debt is and spending. Year 6s looked at salaries of different types of jobs and what they would like to do in the future.

## Growth Mindset

is so important when approaching Maths. Could you change the way you present maths to your child?

### Fixed mindset

I'm not good at maths - I've never been good at maths.

I give up - I can't make this any better!

If I fail, I am a failure.

I can't do this - I keep making mistakes.

### Growth mindset

I'm finding maths hard now, but I can improve with time and effort.

I can improve if I keep trying!

Most successful people fail along the way.

Mistakes help me learn!

## Maths Challenge

Year 6s have taken part in the Primary Maths Challenge. They were really resilient and tried to solve lots of puzzles!



## EYFS Christmas Maths Ideas for at home!

- Use a few different sizes of Christmas cards and challenge children to match the right cards to the right size envelopes.
- Replace your usual counting items with Christmas ones!
- Wrapping paper can be a good resource for teaching children about repeating patterns. Challenge children to make their own wrapping paper using repeating patterns and let them use it to wrap up a toy.
- When baking, encourage children to weigh their ingredients and set the table using the right number of each item for their guests.