

“Arithmetic is about being able to count up to 20 without taking off your shoes.”

Mickey Mouse



Maths Newsletter

Welcome to Elvington's Spring Maths newsletter. We hope you find the enclosed information useful.

This term in Maths, all classes will have covered units on Measurements, Geometry, Statistics and Fractions. Children will have recapped the four formal methods they have learnt in Autumn term and begun to apply their methods to reasoning and problem solving tasks.



Please continue to support your child with these methods at home:

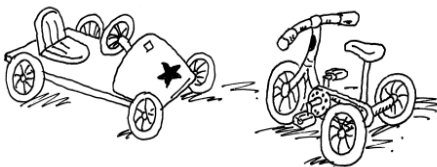
www.elvingtonprimary.org.uk/wp-content/uploads/2014/02/Calculation-Policy-Elvington-CEP.pdf

Problem Solving Challenges- answers in the next maths newsletter.

KS1 Challenge

At the toy shop

The toy shop stocks tricycles and go-carts.
The tricycles have 3 wheels.
The go-carts have 5 wheels.



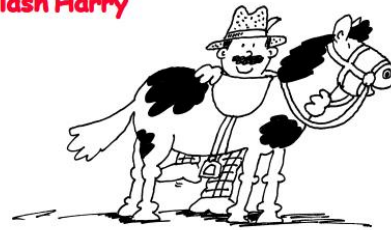
Suna counted the wheels.
He counted 37 altogether.

How many tricycles are there?
How many go-carts?

Find two ways to do it.

KS2 Challenge

Flash Harry



In April Flash Harry bought a saddle for £100.
In May he sold it for £200.

In June he was sorry he had sold it.
So he bought it back for £300.

In July he got tired of it.
So he sold it for £400.

Overall, did Flash Harry make or lose money?
How much did he make or lose?

Answers to Autumn problem solving challenges...

KS1 Challenge

16 Monster

Alesha can use these coins to pay 45p

- two 20p and one 5p
- one 20p, two 10p and one 5p
- one 20p, one 10p and three 5p
- one 20p and five 5p
- four 10p and one 5p
- three 10p and three 5p
- two 10p and five 5p
- one 10p and seven 5p
- nine 5p

There are 13 different ways to pay 50p using only silver coins. First add 5p to each of the ways for 45p. The other four possibilities are:

- two 20p and one 10p
- one 20p and two 10p
- five 10p
- one 50p

KS2 Challenge

66 Zids and Zods

There are 3 Zids with 4 spots and 4 Zods with 9 spots.

If Zids have 5 spots and Zods have 7 spots, the possible ways of making 140 are:

- 28 Zids;
- 21 Zids and 5 Zods;
- 14 Zids and 10 Zods;
- 7 Zids and 15 Zods;
- 20 Zods.

Maths within the home Ideas Shape Hunting



Geometry challenge!

KS1- Go shape hunting in your home. What 2D and 3D shapes can you find? Can you list any of their properties?

KS2- Go shape hunting in your home. What 2D and 3D shapes can you find? Can you measure any of the angles of the shapes? You could borrow a protractor from school to do this.

Design your own Rockstar!



Our Times Table Rockstar display in school is in need of some decorating! Using resources you have at home, design your own dream Rockstar. There will be prizes for the best designed rockstars in KS1 and KS2. These will then be displayed around the TTR display in school. *Please pass these posters onto Miss Palmer by Friday 21st April.*

Times Table Knockout Competition

A huge well done to everybody who took part in the Times Table Knockout Completion in school last half term. A big well done to the children below who are our fastest Rockstars in each year group.



Year 1



Year 2



Year 3



Year 4



Year 5



Year 6

Upcoming Maths Events



- **Weekly Rock Battles-** Summer term 1. The children have enjoyed engaging with the weekly rock battles during this half term. The battles will return during Summer 1. The winning class will be rewarded with the TTR trophy and the most valuable player in each year group will be rewarded with a certificate.
- **Class 3 Cake Stall-** Friday 17th March. To raise money for Maths resources, each class will be taking part in one cake stall throughout the year. When it is your child's cake stall, we would appreciate it if your child could bring in either some biscuits, cakes or tray bakes to sell.



Here is our list of the some free homework websites and apps suitable for children and parents/carers:

- **Times Table Rockstars.** Support your child to learn their times tables.
<https://play.ttrockstars.com/auth/school/student/17541>
- **Numbots** EYFS/KS1 online site to support your child in recall and fluency of mental addition and subtraction facts.
<https://numbots.com/>
- **My Maths.** Homework will be set each half term by your child's class teacher for them to access on My Maths.
<https://www.mymaths.co.uk/>
- **UR Brainy.** Y4's online site to practice for the Multiplication Times Table Check.
<https://urbrainy.com/mtc/test>
- **BBC Bitesize.** KS1 & 2 child friendly mathematical games and videos.
www.bbc.co.uk/bitesize/subjects/z826n39
- **Hit the Button.** Support your child with their recall of times tables and number facts.
www.topmarks.co.uk/maths-games/hit-the-button
- **Math is Fun.** Online worksheets covering all areas of Maths.
www.mathsisfun.com



Thank you for your continued support. Please do come and chat with Miss Palmer (Maths Lead) or your child's class teacher if you require any more support with Maths at home.

