



# Maths Newsletter Nuacht-litir Mata Rang 6

# OCTOBER

Dear Parents,

We are pleased to introduce you to the Holy Trinity world of Maths. We take this opportunity during Maths Week to brief you on the class programme. We are also aware of the great potential in children's home and family life for activity to support children's maths learning. We hope our communication helps a little to bring greater understanding to the curriculum work in school. Suggestions are included on how best you can help.

*In the coming weeks we will be covering the following topics in class:*

- 2 D Shapes    Operations—Multiplication and division    Fractions

Oral maths will include:

- Tables games (Multiplication and Division)
- Skip counting in 2's, 3's 4, ...etc.
- Skip counting backwards 0, -7, -14, -21



Maths in the Environment:

- Ask your child to search for lines (horizontal, vertical, oblique, parallel and perpendicular) and angles in the environment (acute, obtuse, straight, right and reflex).
- 24 hour time - reading time-tables and working out

Parents can support the teaching of maths in the following ways:

- Providing opportunities for addition and subtraction, multiplication and division e.g. adding the cost of video games. Multiplying by 3.
- Testing timetables when travelling.
- Countdown number game available on [www.nrich.maths.org](http://www.nrich.maths.org) website.
- Encouraging children to think mathematically:

'Arsenal in 6th place are closer to the bottom of the Premier League

## Maths is Everywhere!

Team	P	W	D	L	GD	Pts
1 - Man City	27	23	3	1	59	72
2 - Man Utd	27	17	5	5	32	56
3 - Liverpool	27	15	9	3	30	54
4 - Tottenham	27	15	7	5	28	52
5 - Chelsea	26	15	5	6	23	50
6 - Arsenal	27	13	6	8	15	45
7 - Burnley	27	9	9	9	-3	36
8 - Leicester	27	9	8	10	-1	35
9 - Everton	27	9	7	11	-14	34
10 - Bournemouth	27	8	7	12	-10	31
11 - Watford	27	8	6	13	-10	30
12 - West Ham	27	7	9	11	-12	30
13 - Newcastle	27	7	7	13	-11	28
14 - Brighton	27	6	10	11	-14	28
15 - Crystal Palace	27	6	9	12	-17	27
16 - Swansea	27	7	6	14	-17	27

Topics we have covered so far this year are:

- Number theory (sequencing, prime and composite numbers, factors and products, multiples)
- Addition and subtraction
- Lines and Angles (exploring the use of a protractor)
- Place Value (Recognising hundred thousands, ten thousands, thousands, hundreds, tens and ones)

We are using number talks, and counting sticks in our maths classes. Number talks are conversations and discussions around purposefully crafted computation problems. They are of 5 -10 minutes duration. Currently we are focusing on thinking addition –using addition to solve subtraction problems, bridging thought 60. A strategy for adding time e.g. A film starts at 7.20 It lasts a 160 minutes. What time does it end at?

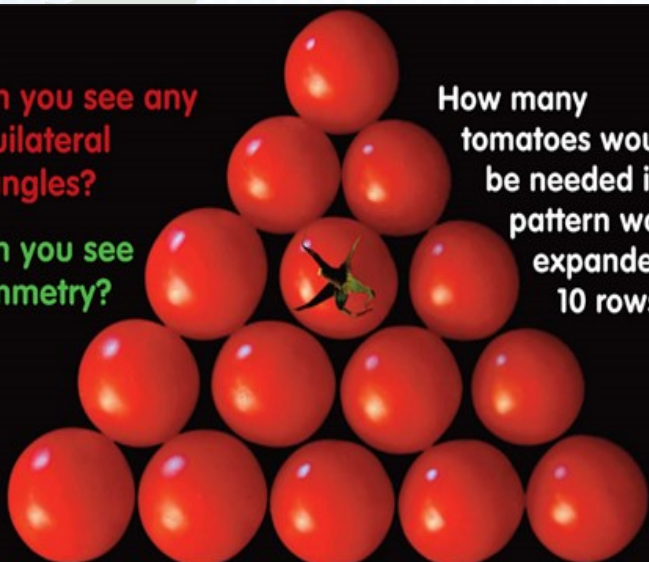
7.20 plus 60 = 8.20 plus 60 = 9.20 plus 40 mins = 10 O'Clock.

*Maths Week takes place this week. We have had many exciting events such as:*

- *Maths games in the classroom*
- *Creating maths trails*
- *Fun maths based Assembly*
- *Maths using BeeBots*
- *Learning to code, creating maths games using ICT,*
- *STEM - Intel Mini Science Competition on Friday 18th of October*

**Can you see any equilateral triangles?**

**Can you see symmetry?**



**How many tomatoes would be needed if the pattern was expanded to 10 rows?**

**Websites that can be used at home to aid the teaching of maths are :**

- ***Www.topmarks.co.uk***
- ***Www.coolmath.com***
- ***Www.ixl.com***
- ***Www.arcademics.com (please focus on multiplication and division section).***

**Homework:**

The pupils have maths homework each week. This is consolidation work. Please discuss the content for maths.

We encourage pupils to complete the Mental Maths exercise by themselves. Sometimes pupils may come across a question that poses difficulty for them; In this case we ask that the pupil circles the question. This aids the teacher focus on areas where maths concepts need further consolidation.

Pupils receive tables on a nightly basis. We request that parents support the teaching of tables by doing the following activities:

- Practising skip counting
- Asking multiplication and division questions.

**Ms. Doherty & Ms. Carroll**

