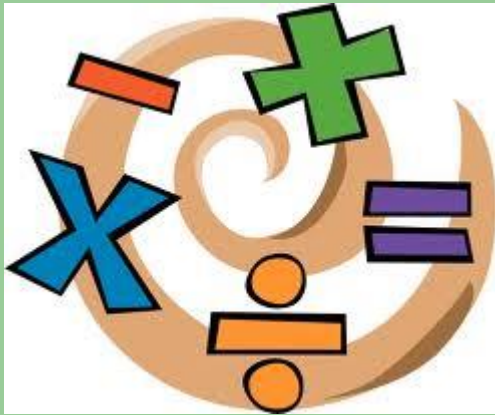


# MATHS WORKSHOP



October 2018

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# Aims of the session are

- To understand of the age related expectation for your child
- to understand the structure of the maths session.
- to provide a guidance of how you can support your children at home.



# Core of the Primary Maths Curriculum

## Fluency

To be able recall and use their mathematical knowledge quickly accurately.

Such as

**Number bonds/ times tables**

Use their knowledge to solve more complex problems.

## Reasoning

To begin to seeing relationships between different concepts

$$2 \times 3 = 6$$

$$20 \times 3 = 60$$

$$200 \times 3 = 600$$

To be able to explain their answers using mathematical language.

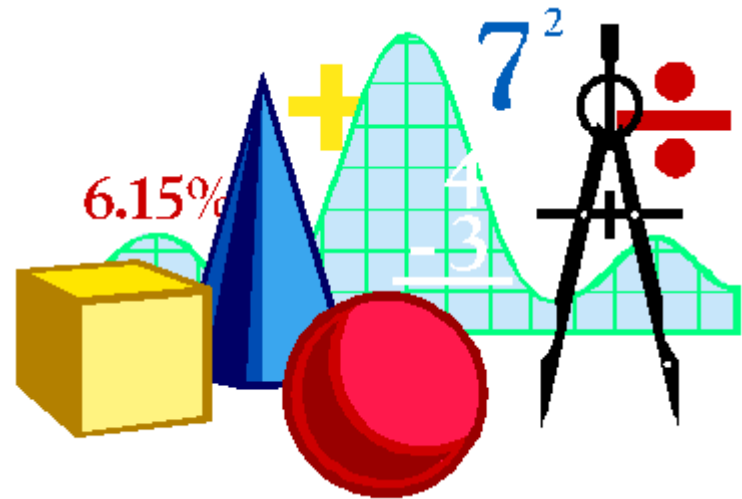
## Problem solving

Use their skills to solve routine and non-routine problems.

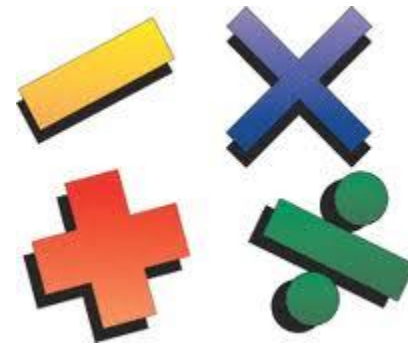
Ability to break down problems into steps to seek a solution.

# Agenda

- Arithmetic
- Calculation strategies
- Useful websites
- Questions



# Arithmetic



Which of these are multiples of 6?

66 46 54 18 32

1. Round 561 to the nearest 100

Practise: Round 639 to nearest 100

2. Double 36

Practise: Double 54

3. Halve 68

Practise: Halve 84



# Calculation Strategies

## ADDITION

4. Calculate  $154 + 36 =$

Number Line Method

Column Method

Practise:  $129 + 52 =$



# MULTIPLICATION



5. Calculate: **56 x 6 =**

Grid Method

**Practise: 24 x 5 =**

Children need to know all their tables up to 12 x 12 by the end of year 4.

# SUBTRACTION



6. Calculate:  $438 - 244 =$   
Column Method

**Practise  $572 - 247 =$**



# DIVISION

7. Calculate:  $248 \div 4 =$   
Bus Stop Method

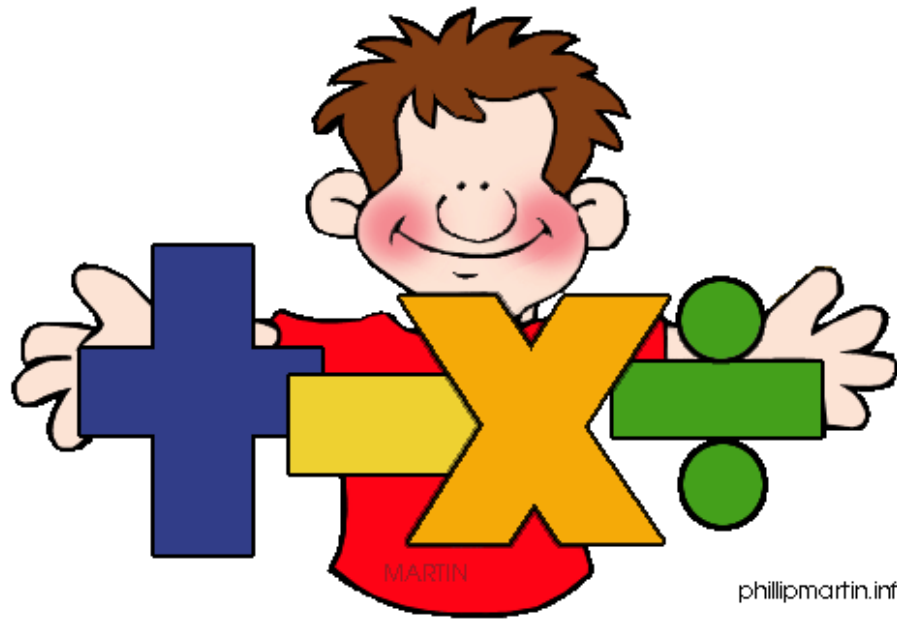
Practise  $264 \div 6 =$



# Useful websites to support your child at home.

- <https://www.havefunteaching.com>
- [www.mathsframe.co.uk](http://www.mathsframe.co.uk)
- [www.whiz.com](http://www.whiz.com)
- [www.ictgames.com](http://www.ictgames.com)
- [www.bbc.co.uk/schools](http://www.bbc.co.uk/schools)
- [www.crickweb.co.uk](http://www.crickweb.co.uk)
- [www.ictgames.com/resources.html](http://www.ictgames.com/resources.html)
- [www.nrich.maths.org](http://www.nrich.maths.org)
- [www.lancsngfl.ac.uk](http://www.lancsngfl.ac.uk)
- [www.topmarks.co.uk](http://www.topmarks.co.uk)
- [www.mathletics.co.uk](http://www.mathletics.co.uk)
- [www.themathsfactor.com](http://www.themathsfactor.com)
- [www.mathsformumsanddads.co.uk](http://www.mathsformumsanddads.co.uk)
- [www.mathsisfun.com](http://www.mathsisfun.com)
- <https://trockstars.com/login/21697>

# Questions!



[phillipmartin.info](http://phillipmartin.info)

# We Value your opinion

- Please complete an evaluation sheet.

Thank you

