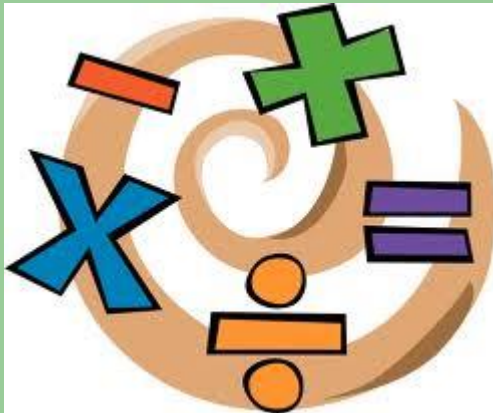


MATHS WORKSHOP FOR YEAR FIVE PARENTS



October 2018

Aims of the session are

- to have a clear understanding of the age related expectation (ARE) 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

Ability to recall and apply rapidly and accurately.

Apply knowledge to increasingly complex problems.

Reasoning

Reasoning mathematically through enquiry and seeing relationships between concepts.

Develop argument, justify and prove using mathematical language.

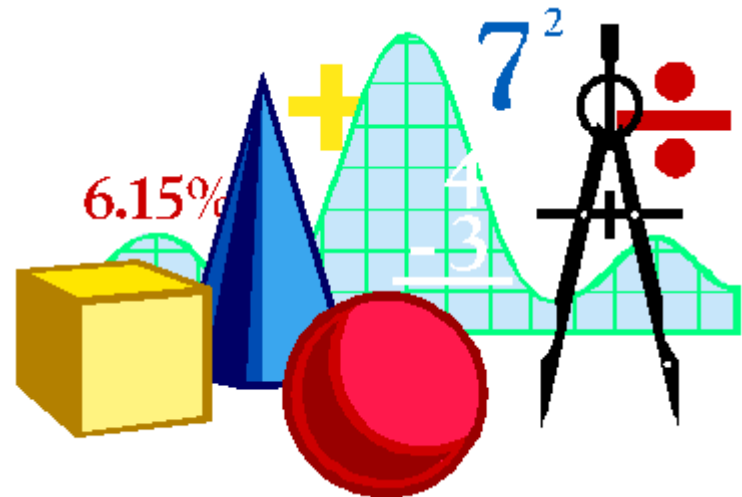
Problem solving

Ability to apply skills to routine and non-routine problems.

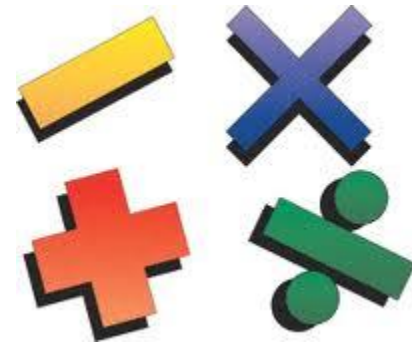
Ability to break down problems into steps in seeking solution.

Agenda

- Arithmetic (focus on fluency, mathematical reasoning and solving problems)
- Calculation strategies
- Useful Websites
- Questions



Arithmetic



1. $45 \times 100 =$ (Place value)
2. $245 \times 4 =$ (column or partition/grid method)
3. $743 + 100 =$ (place value)
4. $6^2 =$ (squared numbers)

Lets look at the strategies.



Calculation Strategies

ADDITION

1. $28.3 + 24.25 =$ (aligning numbers)
2. $1\ 284 + 492 =$ (aligning numbers)

Don't forget to line up your
Decimal! 😊



SUBTRACTION



- $8.52 - 7.78$

- Seb bought 2 apples.

Apples cost 24p each. How much change would he get from £1.50?

(number problems – Use RUCSAC)

See RUCSAC worksheet

Use **RUCSAC** to solve word problems:



Read



Read the question carefully



Underline



Underline the keywords and numbers



Choose



Choose the correct operation(s) and a mental or written method of calculation.



Solve



Solve it! Make sure you follow the steps.



Answer



Check that you've answered the question. What did you need to find out in the first place?



Check



Check your answer. Use another method or checking technique (was it close to your estimate?)

MULTIPLICATION

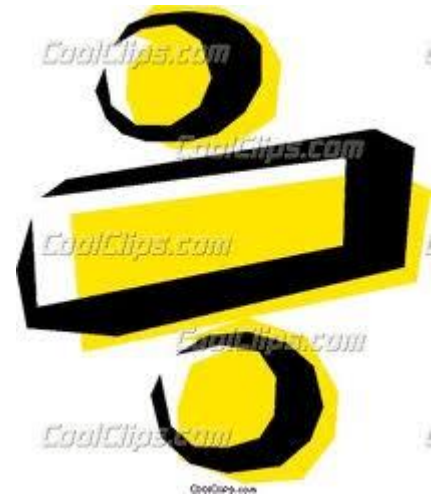


- 56×6 (column or partition method)
- 453×8
- 56×27 (use place holder)



DIVISION

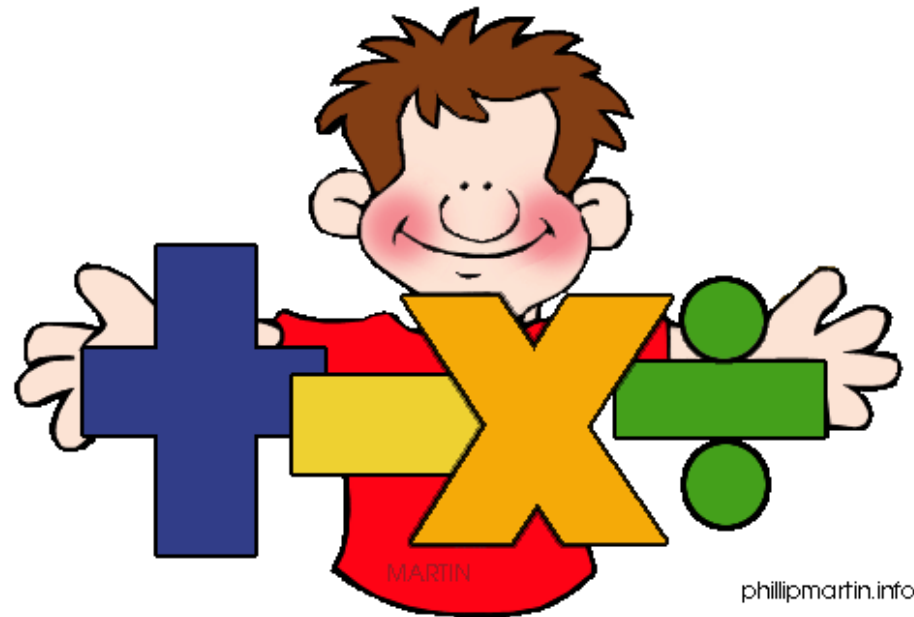
- $67 \div 5$ (short bus stop method)
- $364 \div 7$ (same as above)
- $504 \div 21$ (chunking method)



Useful websites to support your child at home.

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

Any Questions?



We Value your opinion

- Please complete an evaluation sheet.

Thank you

