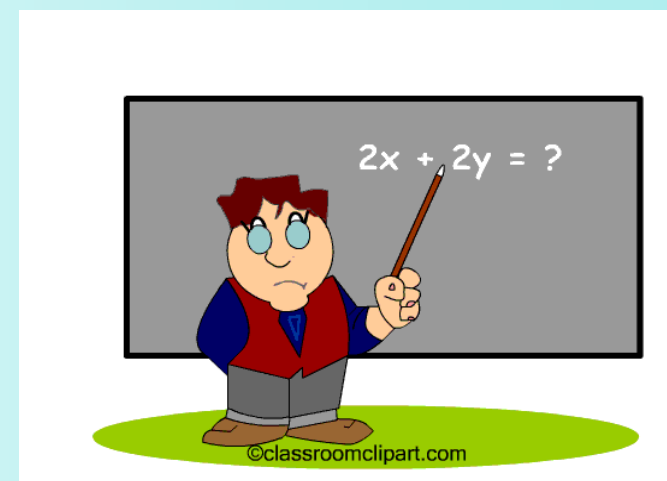
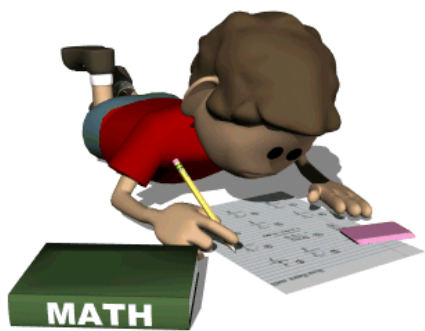


# Welcome to Year 5's Parent Maths Workshop



The new national curriculum will be assessed for the first time in 2016.

## Age related expectations

Beginning/Developing year 5.

Secure year 5.

Exceeding year 5.

**We will no longer be referring to 'levels'**

# New Maths Curriculum: What are the changes?

## Year 5/6 Assessments

Paper 1 : Arithmetic paper

Paper 2: Problem Solving and Reasoning

Paper 3 Problem Solving and Reasoning

# Arithmetic in Year 5

## Skills taught:

Adding and subtracting numbers up to five digits

Adding and subtracting decimal numbers

Multiplying a 4 digit number by a one digit number (short multiplication)

Multiplying a four digit number by a 2 digit number (long multiplication)

Multiplying by powers of ten

Squaring numbers

Dividing a four digit number by a one digit number

Adding and subtracting fractions

Multiplying fractions by a whole number















# Sample Questions

## **Problem Solving and Reasoning**

Pencils come in packs of 8.

A school has 587 children.

How many packs will a school need to buy so each child can have a pencil?

# Sample Questions

## **Problem Solving and Reasoning**

Becky shared a chocolate bar with her two friends.  
She gave 40% to Ella and 25% to Ben.  
What percentage did she keep?

# Sample Questions

## Problem Solving and Reasoning

Use each Number once to make all these sentences correct

27   64   81

is a square number

is a cube number

is both a cube number and a square number

# Sample Questions

## Problem Solving and Reasoning

Tick the correct statement about a regular shape

The rectangle has a length of 10cm and a width of 9cm

The pentagon has five sides, each 1cm longer than the other

The hexagon has 6 angles; each one is 120°

The octagon has a perimeter of 40cm; only one side is 5cm

# Activities to promote Reasoning Skills

Multistep Worded problems

Missing number questions

Multiple choice questions

True or False questions

Always, sometimes and never

Convince me that...

Spot the mistake in the question..

If I know e.g.  $4 \times 5 = 20$  What else do I know?

Check out these websites for extra support!

<http://www.bbc.co.uk/bitesize/ks2/maths/>

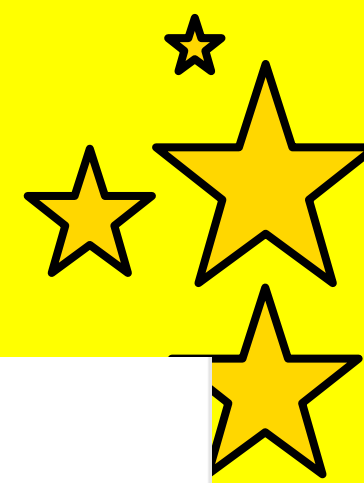
<http://nrich.maths.org/primary-upper>

<http://www.coolmath-games.com/>

<http://resources.woodlands-junior.kent.sch.uk/maths/>



# ★ Times Tables Challenge Scheme



X7 Name \_\_\_\_\_ Time taken \_\_\_\_\_

Level 1	Level 2	Level 3
1x7	9x7	49÷7
2x7	11x7	70÷7
3x7	8x7	14÷7
4x7	6x7	21÷7
5x7	4x7	35÷7
6x7	2x7	77÷7
7x7	12x7	42÷7
8x7	5x7	63÷7
9x7	1x7	84÷7
10x7	3x7	28÷7
11x7	7x7	7÷7

## Half Term Homework

Name: \_\_\_\_\_

Time Taken: \_\_\_\_\_

Silver

6x4	4+4
1x8	48÷6
11x8	36÷4
6x6	8+4
7x6	40÷8
4x6	30÷6
12x4	56÷8
4x3	36÷6
10x4	40÷4
5x4	72÷8
2x8	36÷6
3x6	12÷4
4x3	24÷6
8x4	72÷6
4x4	24÷8
8x6	48÷4
2x6	18÷6
6x3	24÷4
9x4	64÷8

Thank you for coming to Year 5's Parent maths Workshop  
Any Questions?

