


Muiridge Primary School

Be The Best You Can Bee . . . 

Help Your Child With Mental Agility in Maths & Numeracy



Primary Six
Second Level

An information leaflet for
parents.



Counting (Forwards and Backwards):

Count forwards and backwards in multiples of the times table (e.g. count in 6's from 8)

Say the number a tenth more/less than (e.g. what is a tenth more than 6.2?)

Identifying and Recognising Numbers

Recognise (know) numbers in the range 1 to 1,000,000

Recognise (know) numbers with a decimal part

Recognise (know) numbers with a fractional part

Identify (apply) numbers in the range 1 to 1,000,000 (e.g. "What number is this?")

Identify (apply) numbers with a decimal part

Identify (apply) numbers with a fractional part

Sequencing and Ordering Numbers:

Sequence numbers in the range 1 to 1,000,000

Order numbers in the range 1 to 1,000,000

Order numbers with a decimal part (e.g. 2.4, 2.71, 2.9)

Order numbers including simple fractions (using pictorial representations to help if necessary)

Using Number Lines :

Place a number on a number line with decimal parts (e.g. place 7.62 on a number line from 7.6 to 7.8)

Estimate where a number goes on an empty number line with simple fractions (e.g. estimate where $\frac{1}{3}$ goes on an empty number line starting at 0 and ending at 1)

Number Structures and Place Value:

Demonstrate how the value of a digit depends on where it is placed (numbers up to 1,000,000)

Split a number into its place value parts in the range 1 to 1,000,000

Split a number into its place value parts for decimals up to 2 decimal places (e.g. 2.5 is 2 and 5 tenths)

Addition and Subtraction

Add and subtract 4 digit numbers using a variety of mental/ written strategies e.g. $477 + 8$, $534 + 40$, $624 - 200$ (mental) $751 - 36$, $621 + 185$ (written)

Identify the number partner to go with a decimal hundredth to make one (e.g. "What does with 0.37 to make 1?")

Add and subtract decimal numbers using a variety of (written) strategies

Count forwards and backwards by 7s from 7

Count forwards and backwards by 8s from 8

Count forwards and backwards by 9s from 9

Multiplication and Division:

Count forwards and backwards in multiples beyond the times tables (in preparation for multiples and factors)

Know and use the 7 times table to solve multiplication and division problems

Know and use the 8 times table to solve multiplication and division problems

Know and use the 9 times table to solve multiplication and division problems

Know and use the all the times table facts and use them to solve appropriate problems

Explore division with a decimal/fraction answer e.g. $7 \div 2 = 3.5$ or 3 and a half

Multiply and divide by 10, 100, 1000 - whole numbers (e.g. 73×10) - decimals (e.g. 3.2×10)

Fractions, Decimals and Percentages:

Find a simple fraction of a number e.g. $\frac{2}{3}$ of 24

Make equivalent fractions for a common fraction

Simplify common fractions

Compare common fractions, saying which is larger or smaller

Here are some fun ways that you can help your child:

Describe the Number:

Write a six or seven digit number.

How many ways can you describe the number?

i.e. "It has 3 thousandths" / "The hundredths digit is double the tens digit".

Fours:

Use exactly four 4s each time.

You can add, subtract, multiply or divide them.

Can you make each number from 1 to 100?

Here are some ways of making the first two numbers.

$$1 = (4 + 4)/(4 + 4)$$

$$2 = 4/4 + 4/4$$

Multiplication & Division Quick Fire Game:

How many multiplication questions can you answer in a minute?

Use a clock to time your child.

Try only one table to begin with then have mixed. questions.

Make it more challenging -

$$6 \times ? = 48$$

$$72 \div ? = 9$$

Useful Websites:

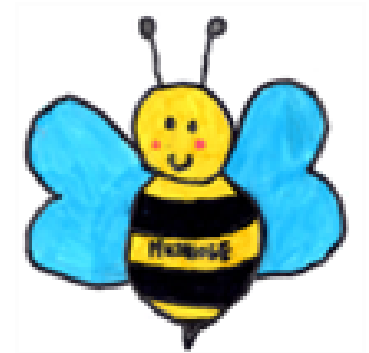
Education city (use your child's log on)

RM Maths

Top Marks (choose age and maths area)

BBC Bitesize Second Level Maths

Be The Best You Can Bee



Be Friendly

Be Respectful

Be Hardworking

Be Happy

If you have any comments or concerns about your child's progress in maths & numeracy then please contact the school office:

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