



*High expectations, High Ercall*

# High Ercall Primary School

## Early Maths Challenge

In the National Curriculum for all Primary Schools, there are high expectations for all year groups for learning their multiplication and division facts.

Here are the expectations for each year group:

Year 1: Count in 2s, 5s and 10s

Year 2: Recall and use multiplication and division facts for the 2, 5 and 10 times tables.

Year 3: Recall and use multiplication and division facts for the 3, 4, 6, 8 times tables.

Year 4: Recall multiplication and division facts for all multiplication tables up to 12 x 12.

This is a big change, as there is now an expectation that by Year 4, all children will know their multiplication and division facts.

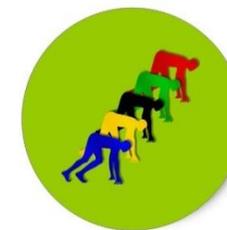
We are therefore having a big push on teaching multiplication and division facts at school. The more practise your child gets at home, the more it will support their work in school. This leaflet has lots of ideas for helping to learn the facts, other than just by rote! The more fun and practical, the better.

### 'On your marks' Award

Reading numbers written as words

Reading numerals up to 10, then 20

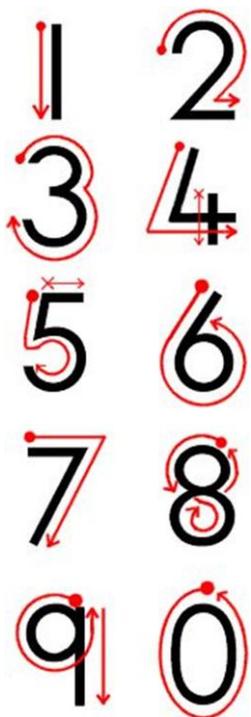
Writing digits



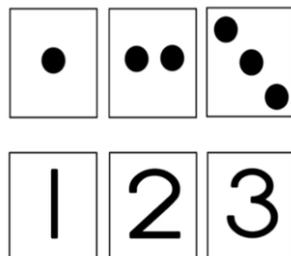
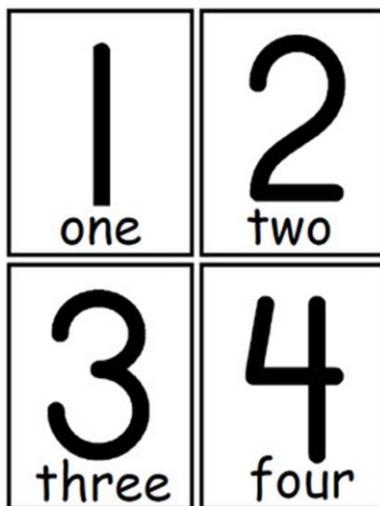
Name of child .....

### Starting Maths Challenge – ‘On your marks’

To help your child develop early number recognition skills, our ‘On your marks...’ maths challenge is designed to support you to help your child develop early skills of reading numbers as words and numerals, and writing digits.



Correct Number Formation



### Ideas to help develop early maths skills :

#### Practical activities:

The best way to practice reading and writing numbers is to use practical objects, number cards and fun activities such as painting, using chalk to write numerals. Play matching games with number cards, counting objects and matching them up. Use any opportunities for practising fine motor control – writing and making patterns in bubbles, in shaving foam, in sand, with paint, chalk or felt tips. Play dough is very popular in Class 1 as a way of making numbers and letters. It is also good to find numbers in the environment and talk about which numbers they are – in the supermarket, on house doors etc.

#### Games:

**Bingo** – match number cards to a base board with pictures of different numbers of objects.

**Pelmanism** – turn over and match digits to numbers written in words up to 10.

**A pack of blank cards** (make them out of cardboard or paper, or buy premade versions) These are infinitely versatile. You can write down whatever items your child has problems with and make Pelmanism sets with questions and answers. (Write the questions and answers on different cards. Shuffle and turn the cards face down. The child has to turn over a card, then turn over the matching card. You can start with a small number of sets and build up.) How many card questions can your child answer correctly against the clock?

If you have access to an ipad or tablet, there are lots of great **APPs** which you can use with your child to learn recognizing numbers and writing numerals



Number Train

Some **websites** can be really useful:

<http://www.topmarks.co.uk/maths-games/3-5-years/counting>

<http://www.crickweb.co.uk/Early-Years.html>

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