

Every day before our focus maths session, we will have a short 10-minute 'CLIC' session. We will count, practice our termly learn-it's, look at 'it's nothing new' sums ($2+1$ is the same as $1+2$) and look at formal ways of calculating sums i.e. $1+2=3$.

'Big Maths' ensures that every child becomes more numerate and it's a consistent way that your child learns and is taught maths throughout school. The advantages are - we know what each child can do; we use this knowledge to ensure your child receives the next step of learning; and we constantly assess whether your child is ready to move on.

Learn Its

The basic premise of the 'Learn Its' is that there are only 72 actual facts children need to learn and recall. Everything else they use is based on this knowledge, and how they apply it. For example - once a child knows that $1+1=2$, then they can begin to understand that $1 \text{ ten} + 1 \text{ ten} = 2 \text{ tens}$. In addition, learning the inverse at the same time cements that knowledge in place.

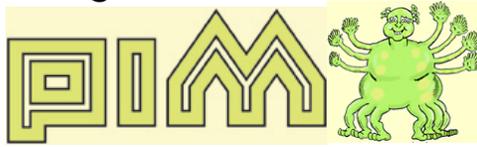
During the year, the children focus on particular Learn Its or number facts each term. This ensures that as your child moves throughout the school, they are becoming more numerate. Reception Class Learn Its for the year are:-

Term one $1+1=2$, $2+2=4$ Starting to count in 2's, 5's and 10's

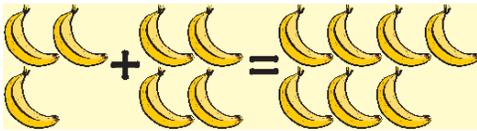
Term two $3+3=6$, $4+4=8$, $5+5=10$ Starting to count in 2's, 5's and 10's

Term three $2+1=3$, $2+3=5$ Starting to count in 2's, 5's and 10's.

Counting with Pim!



The principle of Pim is that if a child knows that 3 things and 4 things is 7 things, then they can relate that to everyday objects, such as 3 bananas and 4 bananas is 7 bananas.



This can then be related to real life calculations, such as $3 + 4 = 7$. Once a child knows this, then can then use the 'It's Nothing New' section to know that:

$$\begin{aligned} 30 + 40 &= 70 \\ 300 + 400 &= 700 \\ \pounds 3.00 + \pounds 4.00 &= \pounds 7.00 \\ 0.30 + 0.40 &= 0.70 \end{aligned}$$

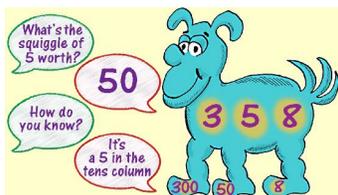
If $2 + 1 = 3$, what does 2 cakes and 1 cake make?



SQUIGGLEWORTH

The idea of Squiggleworth is to help children have fun while they practice partitioning numbers. We will use squiggleworth to determine what each digit of a two digit number is worth...

What is 358?



BIG WRITE - VCOP

After Christmas we will start to have lovely 'Big Write' sessions on a Friday morning - we will have VCOP and punctuation sessions from September. The children have their own 'Big Write' books in school and will have special pencils and pens to write/draw with. We will light a candle and play classical music. They will work initially in groups and use our VCOP (vocab, connectives, openers, punctuation). board to help them write words and draw pictures.

The children will be told on the Monday (and reminded during their daily shared reading and writing sessions) what their Big Write task will be on Friday, for example, Goldilocks writing a note to Baby Bear apologising for eating his porridge....

The VCOP board is divided into the four areas and will be added to daily when we have our whole class shared reading and writing sessions - the children will be encouraged to spot...

Vocabulary

In the V section we add 'Wow' words (words they'd like to use in their own writing) identified by the children such as 'porridge' 'steam' 'chair' and 'bed'.

Connectives

Under the C part we put up any connectives the children suggest e.g. and but, then, because.

Openers

In the O section we will add good story openings e.g. 'I am sorry...', which will relate to the focus 'Big Write' task on Friday.

Punctuation

We will display the 'Big Write' punctuation pyramid and practice 'punctuation kung-fu!' daily. The children are free to add more when they discover them in their reading books) - our initial focus will be on full stops and capital letters.

