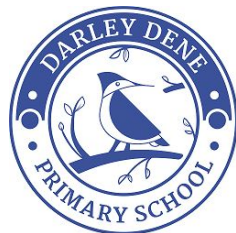


EYFS and KS1 Maths Workshop

We will explore:

- Attitudes to Maths
- Counting
- Teen and ty numbers
- Number facts recall
- Place Value

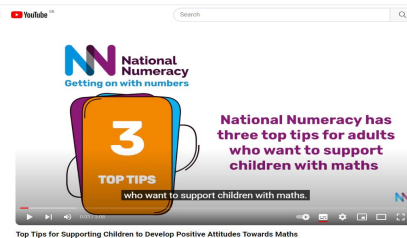


Attitudes towards maths

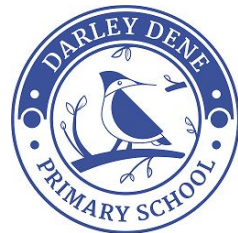
The most effective support that you can give is to be enthusiastic and excited by maths.

Did you feel that maths was a challenge?
What impact do you think this may have on your child?

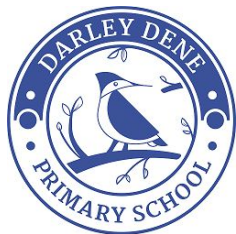
National Numeracy video

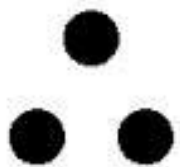
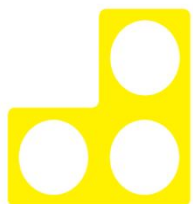
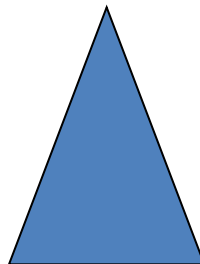


https://www.youtube.com/watch?v=NzJNDQFM7bs&ab_channel=NationalNumeracy

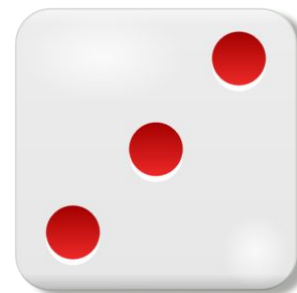


What is 3?





3



- **Nominal**

Numbers that name



- **Cardinal**

Numbers that tell us how many.
eg 6 eggs in a box



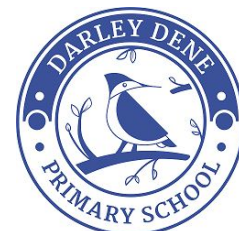
- **Ordinal**

Numbers to tell us positions eg 1st, 2nd, 3rd



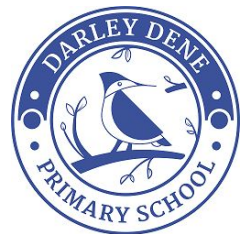
- **Measurement**

Numbers that tell us age, price, weight



To begin with children..

- Learn to say number names in order



Alphabetland

The new number names are:

A, B, C, D,...

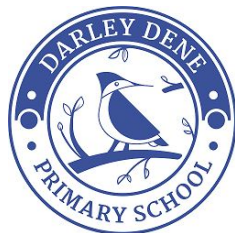
You must not translate these number names into banned number names one, two, three,

Count with me

Can you count from L to T?

Can you count back from G?

Can you count back from P?



Alphabetland

Say the letter that comes after

B H

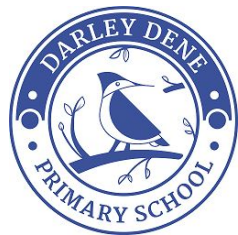
Say the letter that comes before

K S

How many fingers on one hand? (thumbs count)

How many fingers do you have altogether?

C + D



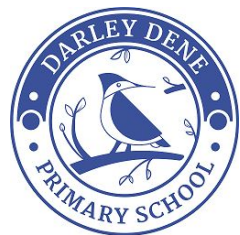
Breaking the Chain

- Children can often say the number sequence from beginning to end, but 'breaking the chain' is more difficult.

..6, 7, 8, 9..

...13, 14, 15, 16..

....6, 5, 4, 3...



Tricky Numbers

- Teen numbers

13, 14, 15...

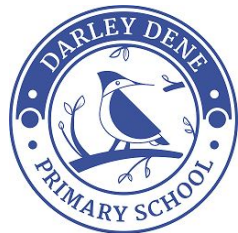


- Ty numbers 20, 30, 40



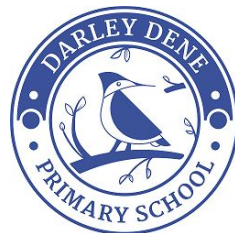
- children sometimes say 20 is
12 or 'twenteen'

- Listen carefully to how your child says the end of the number when counting beyond 10



Common counting errors

- 10, 20, 30....70, 80, 90, **20**
- 20, **90, 80**...(rather than 20, 19, 18..)
- 2, 4, 6, 8, 10, **20**....



Counting targets in EYFS and KS 1:

Counting in 1s forwards and back from any number

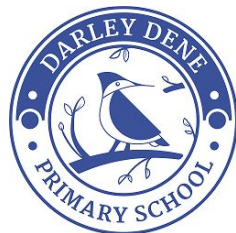
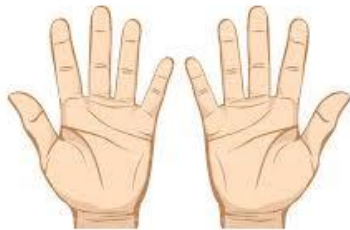
10s



2s

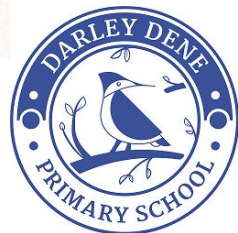


5s

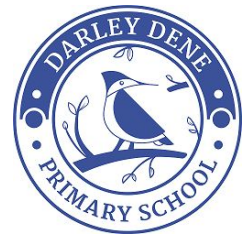
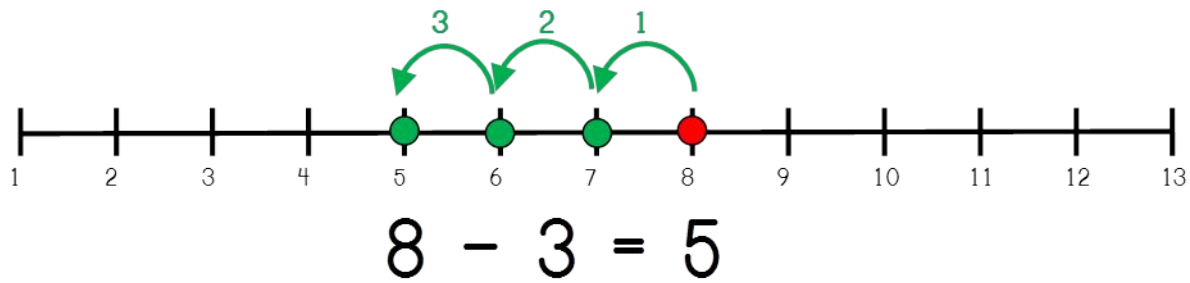


Counting objects:

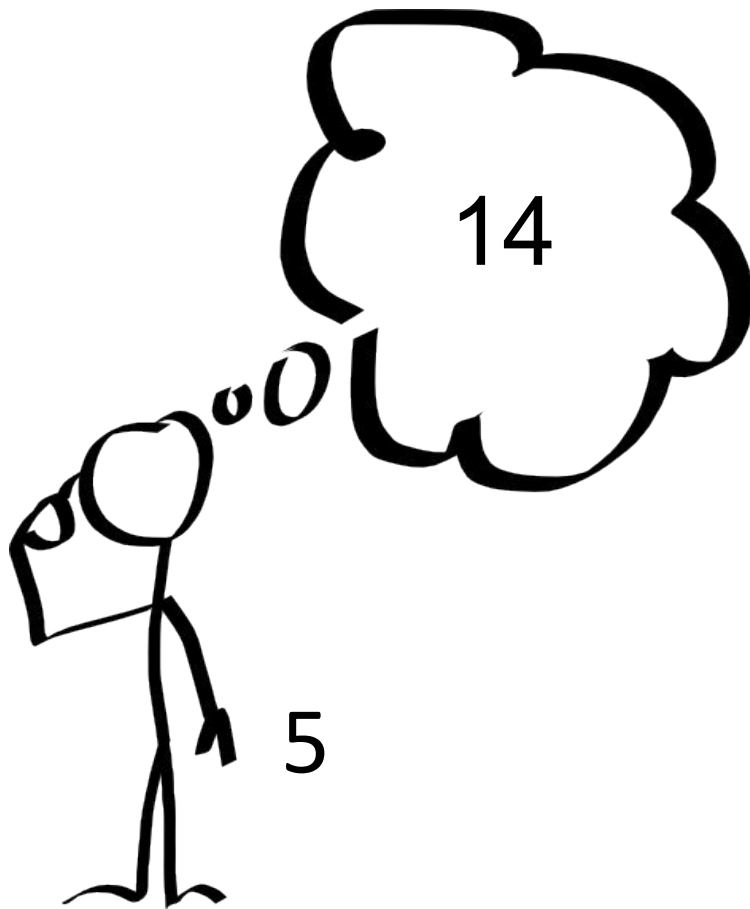
- Count all objects
- Count on from a known set of objects
- Take away a number of objects to find out how many are left



Numberlines:



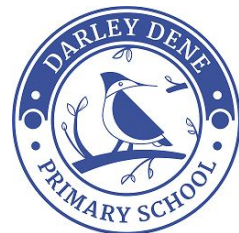
Counting on and back to solve calculations:



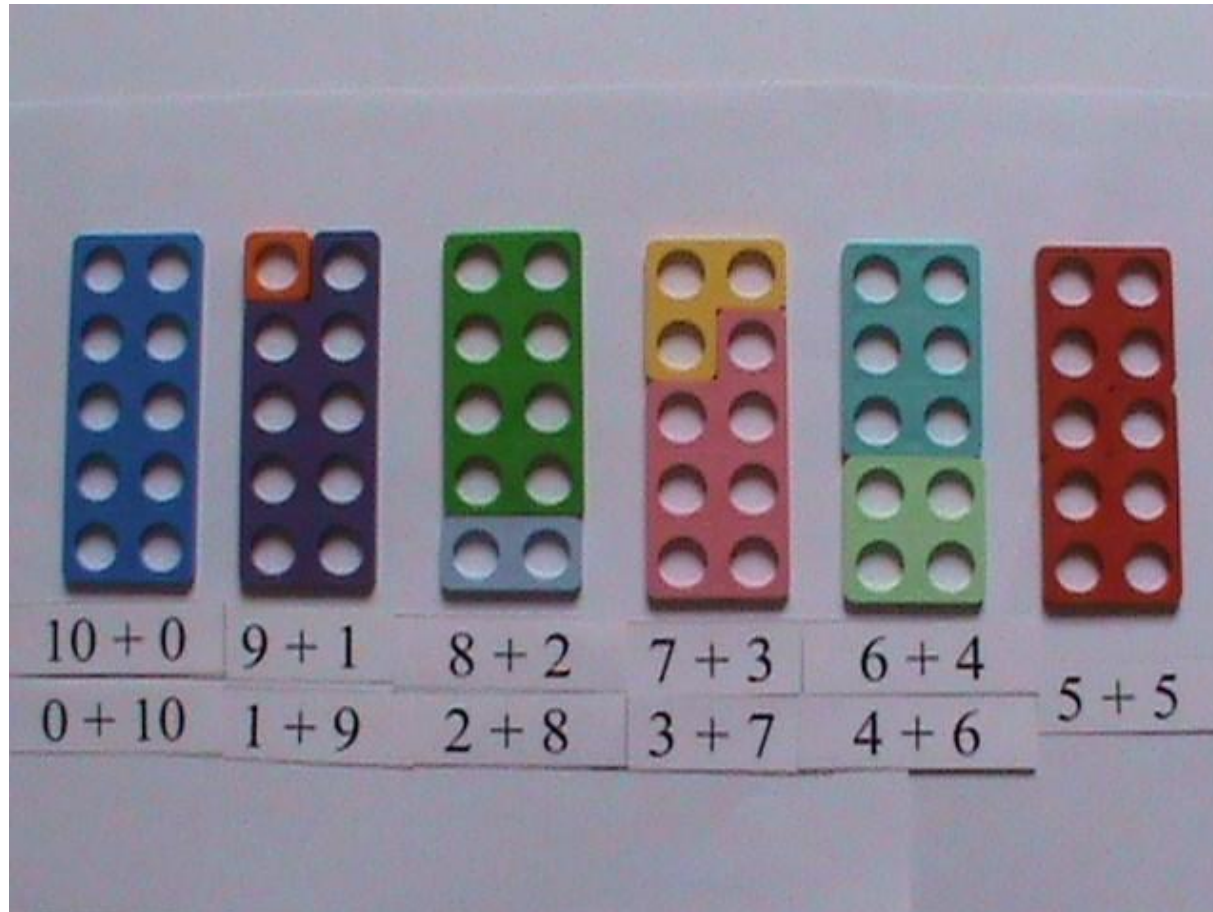
'....big number in head, little number on fingers.....'

$$14 + 5 =$$

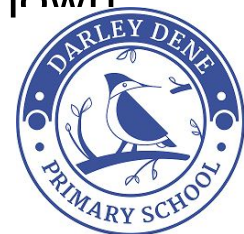
$$14 - 5 =$$



Number Facts:

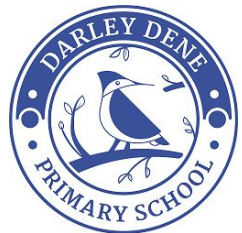


- Reception • Automatically recall number bonds to 5, including subtraction facts, and some number bonds to 10, including double facts
- Year 1 • Represent and use addition facts within 20
• Represent and use subtraction facts within 20
- Year 2 • Recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100.
• Recall doubles and halves to 20
• 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 and 8 times tables
- Year 4 • Recall multiplication and division facts for multiplication tables up to 12 x 12
- Year 5 • Multiply and divide numbers mentally drawing upon known facts
- Year 6



What helps children to memorise facts?

- Written
- Visual
- Kinaesthetic
- Pattern
- Aural



$3 + 4$



Looking for patterns..

$$0+7=7$$

$$1+6=7$$

$$2+5=7$$

$$3+4=7$$

$$4+3=7$$

$$5+2=7$$

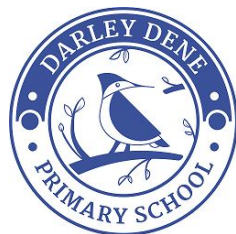
$$6+1=7$$

$$7+0=7$$

What do you notice?

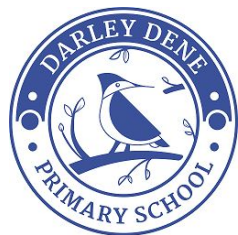
What's the same?

What's different?



Games to play

- Throw and catch
- Bingo
- Pairs
- How many in 1 minute?



Place Value

The 'Place Value' of a number is the numerical value that a digit has, due to its position in a number.

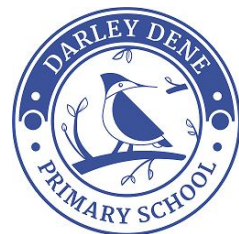
For example

63

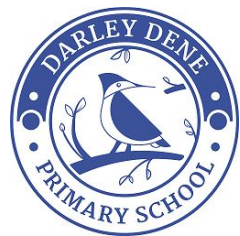
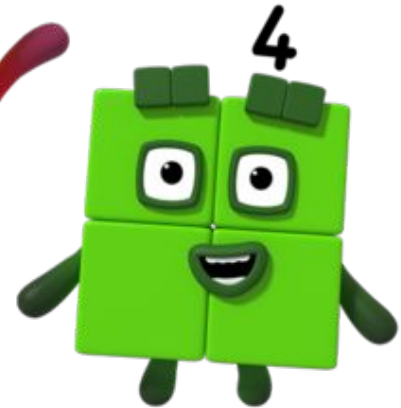
The value of the 6 in 63 is 60.

The 6 is worth 6 tens.
The 3 is worth 3 ones.

The 6 is worth 60.
The 3 is worth 3.



Cbeebies Number blocks



Saxon Primary School Maths

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