

Maths Masterclass

First Level – Place Value

Number Talks

Number Talks Hand Signals



I'm thinking.



I have an answer
and a strategy!



I agree.



I have more
than one strategy.

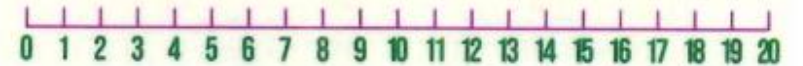


5 Key Mental Strategies

Partitioning



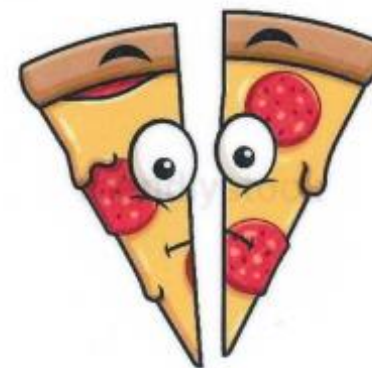
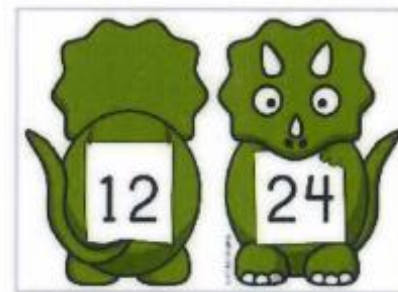
Counting on and back



Compliments to 10, 100




Doubling and Halving



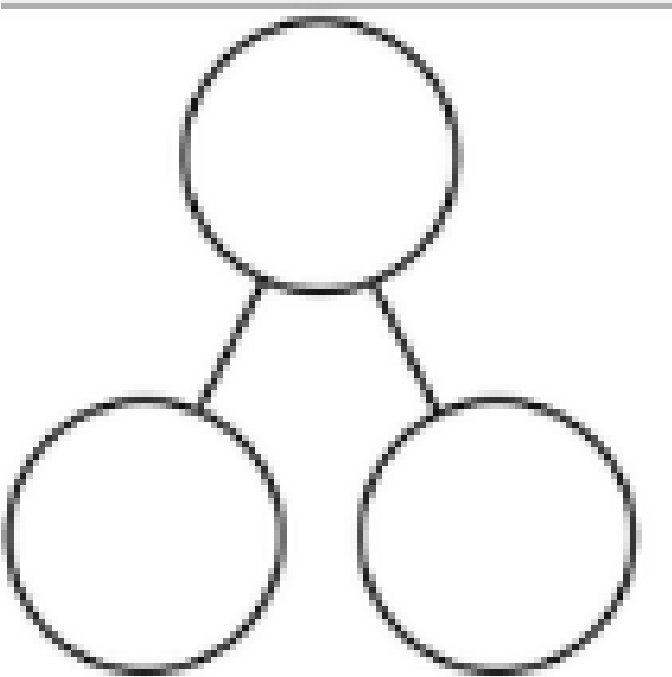
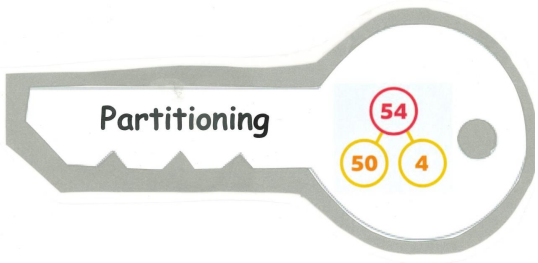
Bridging

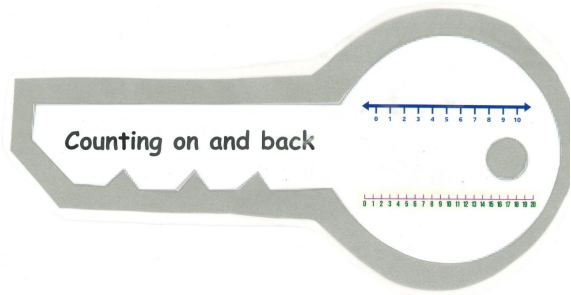




Place Value – Second Level – Key Learning

- Read, order, count and write numbers to 1,000.





Empty Number Lines



Resources used in Class



Useful websites

Place Value Charts

Practise Teaching Mode

Practise making a number

Numbers Words

TO	TO
HTO	HTO
Th.HTO	Th.HTO
TO.t	TO.t
TO.th	TO.th

Choose:

The interface includes a grid of number tiles (400, 500, 600, 40, 50, 60, 4, 5, 6, 0.4, 0.5, 0.6) and a set of buttons for different place value notations (TO, HTO, Th.HTO, TO.t, TO.th) for both numbers and words.

Place Value Chart

T	O

Navigation: < > 10 1 < >

This screenshot shows a digital place value chart with two columns labeled 'T' (Tens) and 'O' (Ones). Below the chart are navigation arrows and a counter showing '10' and '1'.

Place Value Chart

Clear Rows: 7 Standard Form? All $\times 10$ All $\div 10$

Positive Powers: 4 Decimal Places: 4

1000	100	10	1	.	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$	$\frac{1}{10000}$

Navigation: < $\times 10$ > $\div 10$ < $\times 10$ > $\div 10$ < $\times 10$ > $\div 10$ < $\times 10$ > $\div 10$ < $\times 10$ > $\div 10$ < $\times 10$ > $\div 10$

This screenshot shows a detailed place value chart with columns for powers of 10 from 1000 down to 1/10000. It includes a decimal separator and navigation arrows for multiplying and dividing by 10.

Scooter Quest

Level 1

Help Jimmy make enough money to buy a scooter for his paper route.

Click on the house with the correct answer to earn his money!

Play!

The screenshot shows a cartoon boy named Jimmy on a scooter, holding a paper route. The background is a dark city street at night. A green 'Play!' button is visible in the bottom right corner.

Homework Support Session

