

Maths Masterclass

Second Level – Place Value

Number Talks

Number Talks Hand Signals



I'm thinking.



I have an answer
and a strategy!



I agree.

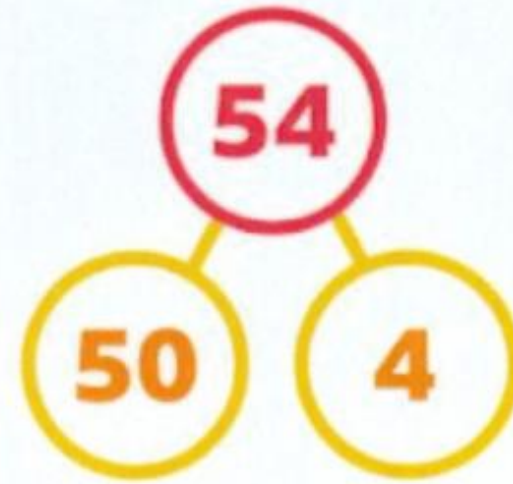


I have more
than one strategy.

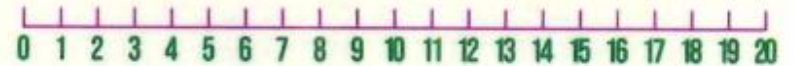


5 Key Mental Strategies

Partitioning



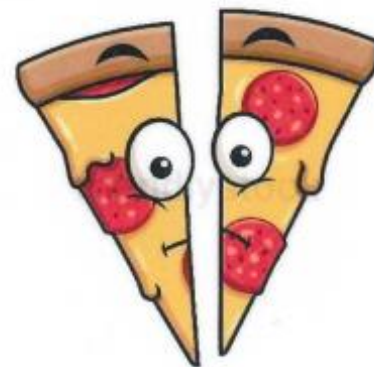
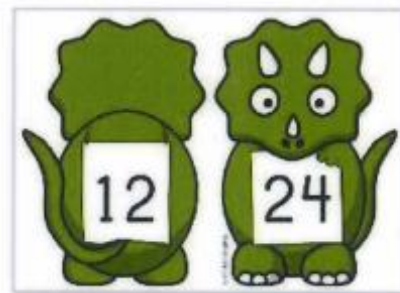
Counting on and back



Compliments to 10, 100




Doubling and Halving



Bridging





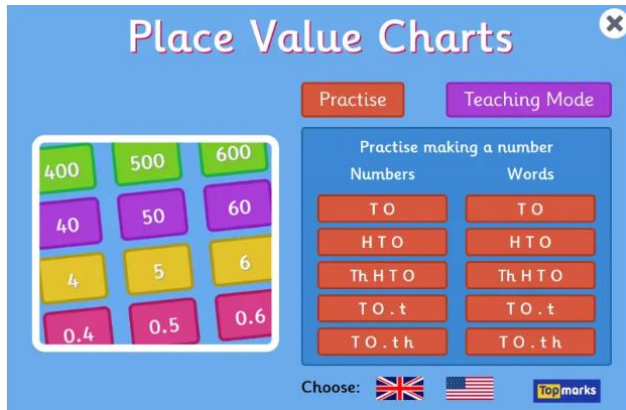
Place Value – Second Level – Key Learning

- Read, order, count and write numbers to 1,000,000.
- Order numbers to 2 and 3 decimal points.

Resources used in Class



Useful websites






Place Value Charts

Practise Teaching Mode

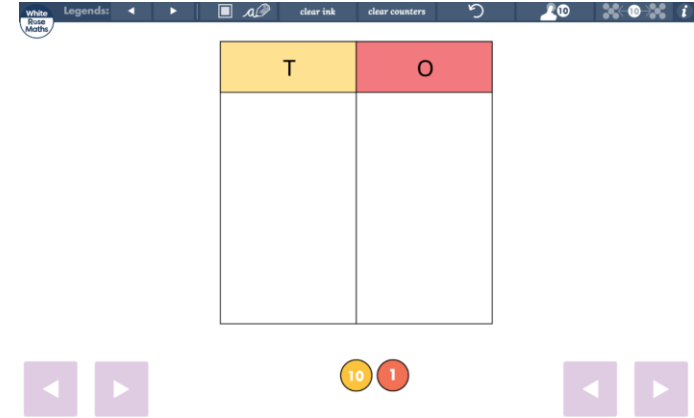
Practise making a number

Numbers Words

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

Choose:   

This interface shows a grid of place value tiles (400, 500, 600, 40, 50, 60, 4, 5, 6, 0.4, 0.5, 0.6) and buttons for practicing numbers and words in different place value formats (TO, HTO, Th.HTO, TO.t, TO.th).



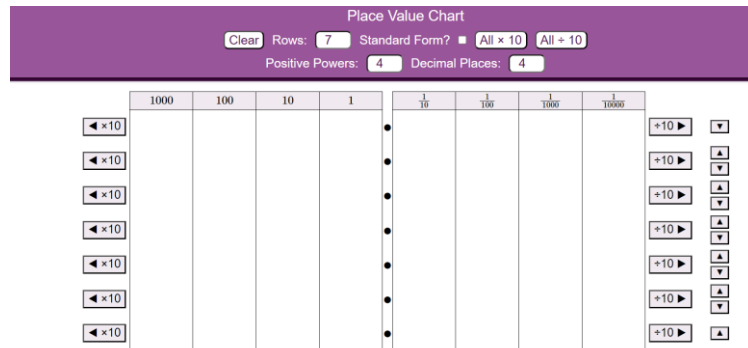
Whiteboard Math

Legends: clear ink clear counters

T	O

10 1

This interface features a whiteboard with a legend for 'clear ink' and 'clear counters'. It shows a two-column table with headers 'T' and 'O'. Below the table 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	.	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$	$\frac{1}{10000}$

This interface provides a detailed place value chart with columns for 1000, 100, 10, 1, and decimal places ($\frac{1}{10}$, $\frac{1}{100}$, $\frac{1}{1000}$, $\frac{1}{10000}$). It includes navigation arrows and options for 'Standard Form?' and 'Positive Powers'.



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!

This interface features a cartoon character named Jimmy on a scooter. The text encourages the user to help Jimmy earn money by clicking on a house with the correct answer. A 'Play!' button is visible at the bottom right.

Homework Support Session

