



# WHEATFIELD'S MATHS PLANETS YEAR 5

Level	Flashback	Focus	How to help at home
1	Place Value	Times tables (to 12x12)	Flashcards, songs, mix all tables including division facts at speed, interactive games and websites such as <a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a>
2	Roman numerals	Mental calculations (addition and subtraction)	Partitioning, number bonds to 10, 20, 100 and 1000, compensating/near 10s (if 19 and 20 and take 1 away) inverse operations
3	Times tables	Multiplying and dividing by 10, 100 and 1000 (including converting measures)	Use place value grids (not just adding a zero!) Apply to real life e.g recipes <a href="https://www.topmarks.co.uk/Flash.aspx?f=bingotimesordivide">https://www.topmarks.co.uk/Flash.aspx?f=bingotimesordivide</a>
4	Doubling and halving	Mental calculations (multiplication and division)	Use number facts up to 12 x 12 and apply to larger numbers <a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a>
5	Roman numerals	Decimals	Place value of decimal digits, convert to fractions over 10 and 100 (tenths and hundredths)
6	Times Tables	Fractions and percentages	Link to fractions e.g $50\% = \frac{1}{2}$ and $10\% = \frac{1}{10}$ then use these to make 60% <a href="http://www.bbc.co.uk/skillswise/game/ma18comp-game-percentages-and-fractions-side-by-side">http://www.bbc.co.uk/skillswise/game/ma18comp-game-percentages-and-fractions-side-by-side</a>
7	Doubling and halving	Factors and multiples	Practise times tables and division facts <a href="https://www.topmarks.co.uk/Flash.aspx?a=activity02">https://www.topmarks.co.uk/Flash.aspx?a=activity02</a>
8	Times Tables	Squares, cubes and primes	<a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a>

