Mfacts121
Making Multiplication Easy

Mfacts121 Levels and Strategies Teacher Checklist

Level	Strategies	
Red Apprentice	**Ones Facts**: 1 x _ = Think 'the product will be the other factor' **Twos Facts**: 2 x _ = Think 'double' **Commutative Strategy**: Think 'use your turn around facts'	
Red Master	**Ones Facts**: 1 x _ = Think 'the product will be the other factor' **Twos Facts**: 2 x _ = Think 'double' **Commutative Strategy**: Think 'use your turn around facts'	
Green Apprentice	**Zeros Facts**: 0 x _ = Think 'the product will be zero' **Threes Facts**: 3 x _ = Think 'double, plus one more group' **Commutative Strategy**: Think 'use your turn around facts'	
Green Master	**Zeros Facts**: 0 x _ = Think 'the product will be zero' **Threes Facts**: 3 x _ = Think 'double, plus one more group' **Commutative Strategy**: Think 'use your turn around facts'	
Yellow Apprentice	**Fours Facts**: 4 x _ = Think 'double, double' **Tens Facts**: 10 x _ = Think 'make it 10 times bigger with a zero' **Commutative Strategy**: Think 'use your turn around facts'	
Yellow Master	**Fours Facts**: 4 x _ = Think 'double, double' **Fives Facts**: 5 x _ = Think '10 x _ then halve it' **Sixes Facts:** 6 x _ Think '5 x _ plus one more group' **Commutative Strategy**: Think 'use your turn around facts'	
Blue Apprentice	**Nines Facts**: 9 x _ = Think '10 x _, then take away one group' **Sixes Facts:** 6 x _ Think '5 x _ plus one more group' **Make Connections**: Think 'use what you know, to help with what you don't know' **Commutative Strategy**: Think 'use your turn around facts' **Distributive Property**: Think 'separate the question into easier parts'	
Blue Master	**Eights Facts**: 8 x _ = Think 'double, double, double' **Sixes Facts:** 6 x _ Think '5 x _ plus one more group' **Make Connections**: Think 'use what you know, to help with what you don't know' **Commutative Strategy**: Think 'use your turn around facts' **Distributive Property**: Think 'separate the question into easier parts' **Squared Numbers**: Learn the 'square numbers'	
Multi-Colour Apprentice	All strategies	
Multi-Colour Master	All facts and strategies, with missing multipliers and multiplicands. E.g __ X 6 = 36	

★See next page for division.

Division Levels

Once **multiplication facts** are really secure, **division facts** should flow more easily. The division facts do not need to be sorted into the same number of levels as in multiplication, as there should be a flow on effect from all the multiplication work. We also promote teaching and learning about division, alongside the multiplication work. There are self directed tasks, ideas within our unit planners and printables, as well as the 'Online Practise' division which can be used even before students complete all multiplication levels.		
Division Apprentice	Divisors of 2, 3, 5, 10. In the initial stages, students may begin with the 'how many' model and use skip counting (quotition) to solve e.g. think 'how many 5s' in 25? Then aim to move forward, by asking '5 times what is 25?' Think multiplication.	
Division Master	Divisors of 4, 6, 7, 8, 9. The main strategy is 'Think multiplication'.	