Thythorn Field Calculation Policy - Addition

Progression in Calculations

+ = signs and missing numbers

Children need to understand the concept of equality before using the '=' sign. Calculations should be written either side of the equality sign so that the sign is not just interpreted as 'the answer'.

2 = 1+ 1

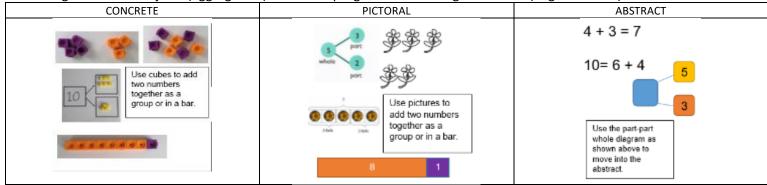
2 + 3 = 4 + 1

Missing numbers need to be placed in all possible places.

 $3 + 4 = \square$ $\square = 3 + 4$ $3 + \square = 7$ $7 = \square + 4$

Counting and Combining sets of Objects

Combining two sets of objects (aggregation) which will progress onto adding on to a set (augmentation)



Understanding of counting on with a numbertrack

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

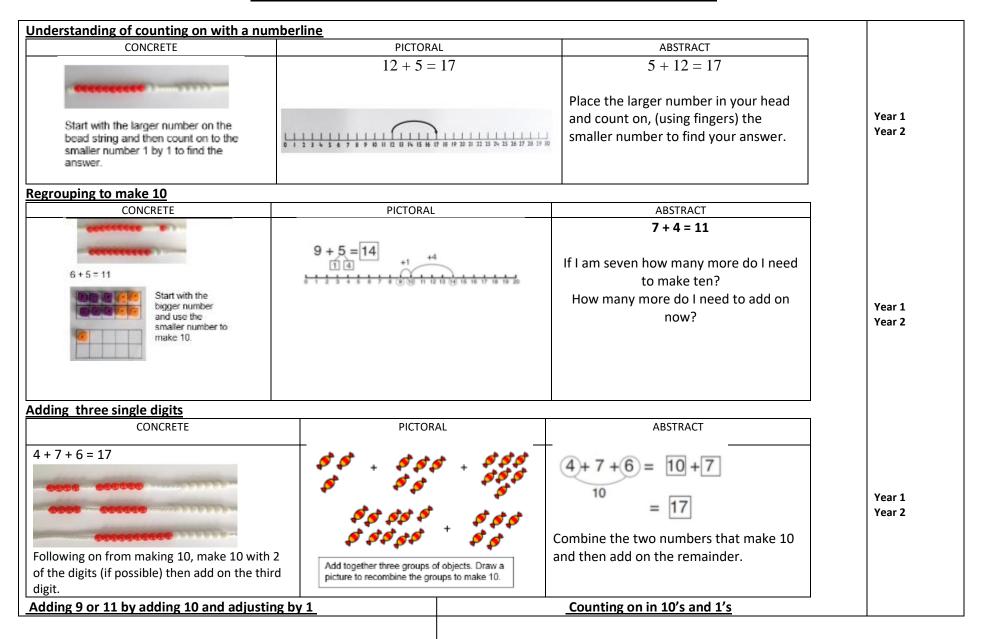


Year 1

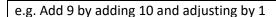
Year 1

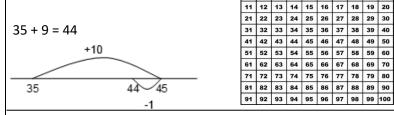
Year 1

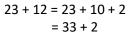
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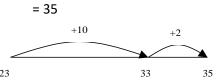


Thythorn Field Calculation Policy - Addition









Year 2 Year 3

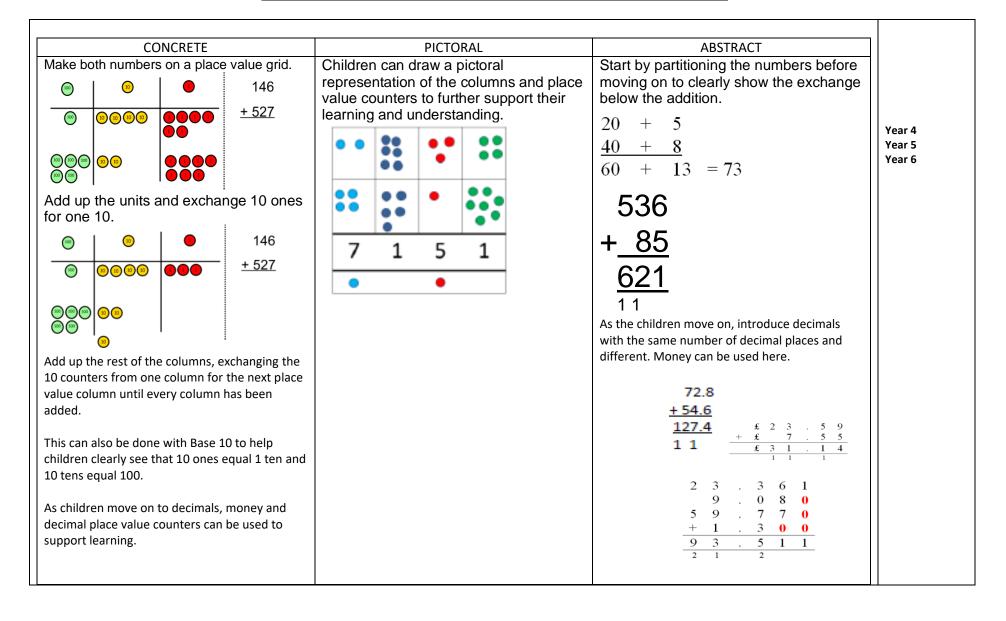
<u>Column method – no regrouping</u>		
CONCRETE	PICTORAL	ABSTRACT
24 + 15 = Add together the ones first then add the tens. Using	After practically using base 10 blocks and place value counters, children can draw the counters to help	Calculations:- 21 + 42 =
base 10 blocks, moving onto place value counters. Tens Units (1) (1) (1) (1)	them solve additions. T U	20 + 1 40 + 2 60 + 3 21 + 42 63

1 2 3 4 5 6 7 8 9 10

Year 2 Year 3

<u>Column Method – regrouping</u>

<u>Thythorn Field Calculation Policy - Addition</u>



<u>Thythorn Field Calculation Policy - Addition</u>