



THE ASHBY FEDERATION

CALCULATION - SUBTRACTION POLICY

Approved by:Executive Head TeacherLast reviewed on:November 2021Next review due by:November 2023

SUBTRACTION STAGE 1			
Progression	Concrete	Pictorial	Abstract
Uses the language of subtraction – how many are left? Vocabulary: take away, left.			
	Activities where they have to take some away and then count how many are left.		
Subtraction as taking away using objects e.g. 7 – 2 = 5 because 7 objects take 2 away = 5. Vocabulary: fewer, minus, subtract, equals.	Use physical objects, counters, cubes etc to show how objects can be taken away. 6-2=4	Cross out drawn objects to show what has been taken away. AAA A A A A A A A A A A A A A A A A A	18 – 3 = 15 8 - 2 = 6

Subtraction on a numbered number- line by jumping backwards.	Make the larger number in your subtraction. Move the beads along your bead string as you count backwards in ones. 13 – 4 Use counters and move them away from the group as you take them away counting backwards as you go.	Count back on a number line or number track 9 10 11 12 13 14 15 Start at the bigger number and count back the smaller number showing the jumps on the number line. -10	Put 13 in your head, count back 4. What number are you at? Use your fingers to help.
Find one less than a number up to	Objects in two colours \checkmark		
 Children need to learn number facts e.g. learning 			
that 7+4=11 they also know 11-4=7.	Imagine one less spot		



Make 10	14-9 = Make 14 on the ten frame. Take away the four first to make 10 and then takeaway one more so you have taken away 5. You are left with the answer of 9.	13 - 7 = 6 3 4 5 + 2 + 3 + 4 + 6 + 4 + 5 + 6 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1	16 – 8= How many do we take off to reach the next 10? How many do we have left to take off?
Underlying skills	Active Learning Through Models and Images		
 Be able to count on and back from any number. Know by heart subtraction facts for numbers to 10. 	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		







Underlying skills	124 = 100 + 20 + 4	
Good understanding	124 = 100 + 10 + 14	
of place value and partitioning	124 = 110 + 24	
Counting on in steps of 10,100 and	24 - 19 = 24 - 20 + 1 = 5	
 Subtract multiple of 10, 100 and 	458 - 71 = 458 - 70 - 1 = 387	
1000.		
SUBTRACTION STAGE 5		

SUBTRACTION STAGE 5			
Progression	Concrete	Pictorial	Abstract
Standard written method for TU - TU, HTU - HTU, ThHTU –			Ch use formal method of column subtraction, including subtraction where exchanging needs to take place across many columns:
combination of these.			$ \begin{array}{r} 7000 \\ -2576 \\ -4424 \\ \overline{3866} \\ \overline{3866} \\ \end{array} $

Standard written method for subtracting to 2dp.			Ch use the formal written method of column subtraction for subtractions involving money and measure, remembering to insert place holders. $-\frac{2}{2} \begin{array}{c} 6 \\ 2 \\ 3 \\ 6 \\ 2 \end{array} \begin{array}{c} 0 \\ 5 \\ 3 \\ 6 \\ 5 \end{array}$
Progression	Concrete	Pictorial	Abstract
Standard written method for larger numbers, including with different numbers of digits knowing that place value columns need to be lined up and place holders inserted to make all numbers have the same number of digits.			674182 -147894 526288 861457
Standard Written method for subtracting decimals with up to 3 digits after the decimal point.			$6.4 - 2.976 = \frac{5}{6} \cdot \frac{3}{4} \cdot \frac{9}{50} - \frac{2 \cdot 976}{3 \cdot 424}$