P5 – Within the area of 'Number' by the end of P5, a child of average ability should be able to, know, understand and use*:

P5 Numeracy overview for Number

Learning area Place Value	Example a pupil may be given <u>/</u> <u>How can you</u> <u>help at home?</u>			
Count forwards and backwards in 1s, 2s, 5s and 10s within 1000. Count forwards and backwards in multiples of 3,4,5,6,7,8,9, within 100.	Complete the following sequences: 1 4 6 8 10 2. 50 45 35 25 3 6 9 12 18 4. 90 60 50 40 5. 16 36 46 66 Continue the following sequences: 11. 5 10 15 12. 3 6 9 13. 85 80 75			
Count forwards and backwards in halves and quarters.	$0 \frac{1}{2} 1 1\frac{1}{2} $			
Read, write, and recognise numbers within 1000 (before, after and between).	Write the correct numerals next to the written words. 6. four hundred and thirty-nine 7. two hundred and thirty-seven			
Find missing numbers in a sequence (increasing and decreasing) within 1000.	6.			
Understand that the place of a digit indicates its value and that 0 is a place holder. Demonstrate value of any number within 1000 in terms of thousand,	1. What is the value of each number production of within the value on a number 1. \$25 - 4			

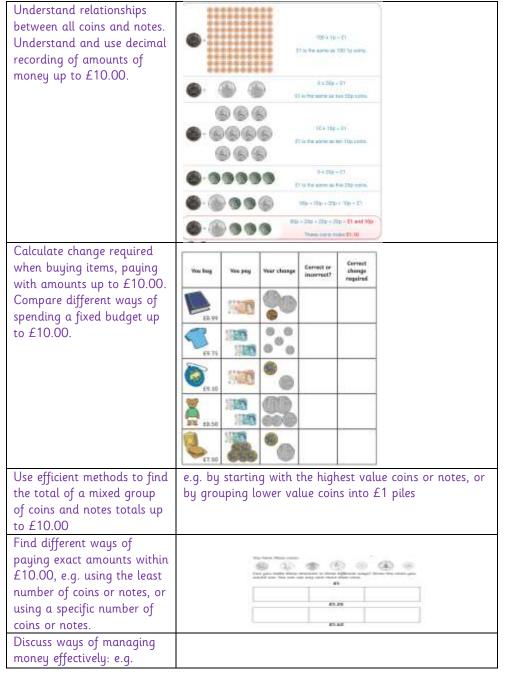
hundreds, tens and ones (units). Order a set of consecutive/non-consecutive numbers (increasing and	750 947 18 526
decreasing) within 1000. Round numbers within 1000, to nearest 100 and nearest 10.	nearest 10 numbers nearest 100 430 428 400 570 567 600
Begin to develop an understanding of place value to include up to one decimal places, use this to multiply and divide numbers by 10 and 100.	4.4 x 10= 9.4 x 10= 7.1 x 10=
Develop a standard written method for vertical subtraction HTU (no exchange, then with exchange), estimating the answer before calculating.	3 ³ ¹ 3 - 2 3 7 - 1 0 6
Le	arning Area: Mental Maths

P5 – Within the area of 'Number' by the end of P5, a child of average ability should be able to, know, understand and use*:

Rasharkin Primary School	P5 – Within the area of Number by the er
Know all remaining subtraction facts within 20.	Subtraction Facts to Subtraction Facts to
Mentally add and subtract any number from 20, including bridging through 10. Mentally add and subtract a single digit from a 2 digit number, bridging the 10. (34-7, 43-8)	MeM Bridging Through 10 Add to the next 10 and then add on the rest 7 + 5 = 12 +5 7 8 9 10 11 12 MeM Bridging Through 10 Add to the next 10 and then add on the rest 46 + 7 = 53 +7 46 50 53
Solve a range of addition and subtraction problems, using both written and mental calculations, selecting the operation required.	Word Problems: Obscure the Operation (Addition & authorise) There were 88 cars on the lot at the North Avenue Car Dealership. Last month, 55 of them were sold. How many cars are left? Answer:

	Pupils may use a range of strategies to calculate mental calculations, such as:
	-Partitioning/breaking a number up into its TU
	-Counting on one by one
	e.g. 37 + 3= 38, 39, 40
	-Rounding to 'friendly numbers'
	e.g. 29 + 31=
	<i>30 + 30= 60</i>
	-Making sets of 10
	e.g. 57 + 39=
	<i>57 + 3=60</i>
	60 +33=93
	-Adding up in chunks or skip counting on
	e.g. 47+55=
	7+5= 12
	40+50=90
	90+12=112
Mentally subtract 100 from	e.g.
multiples of 100 within	900-100=
1000.	500-100=
	300-100=
Mentally add and subtract	Get1 *
two 2 digit numbers within	Adding Two Two-Digit Numbers
100 , without	53 + 24 =
bridging/crossing 10.	First add ones:+ 4 =
	First add tens: 50 + 20 +
	Add both the answers together: * *
Mentally add and	46+6= Bridge up to
3	the next 10 first 4 6 + 6 =
subtract a single digit to	46+4=50
a 2 digit number,	50+2=52
bridging/crossing the	46 50 52
10	
(34+7, 43-8)	
Learning Area: Money	<u> </u>
<u> </u>	

P5 – Within the area of 'Number' by the end of P5, a child of average ability should be able to, know, understand and use*:



deciding on best value when is. Foul the case risely below and then drive up a landget for James. Service works of the land drug as a replace. He warms \$250 to week considering different He also hat gots his neighbour's shill then ance a month and gets ETS options, putting money into Demand III lives on Notes as he has the bellowing assenses porty month Morning for his purpose towards his found - 6x00 a savings account etc Tellatries - Etc. Petrol for his nor - ETS Hobita Photo: - 232 Several 6200 Cletho - the Interne Esperant Annual . \$1000 Food £400 Tellabries Petrol 679 Detertalement 6250 Hobile Phone cree E50 Clother ELOTE Total 61072 Calculate in the context of money, using all 4 Pizza Night Budget operations- e.g. working out Priday right is hermanoide place right the cost of a meal for 4 You need to comple a budget to province the ingredients to reale the stops. people, then splitting the There will be a people setting the picts. Circleito & J. (Nildren). Each person has total cost equally between their way manished street You Never 630 for upsted. You do not have to them. spend all of the budget, as long as you ment the across black remainments Amount in pack Many have Fx.00 manufaction thereo 100y 82.60 225g for privately person trustroesy (stred) 300y \$1.00 pinn less souve 4904 85,93 11.00 1314.00 tanker £2.35 pains Heaved 10.45 1200 19.10 1500 EE.50. chicker booked & shretited \$7.00 Calculate estimated costs by rounding prices to the nearest pound, 50p or 10p as appropriate.

Rasharkin Primary School	P5 – Within the area of '	Number' by the end of	P5, a child of average ability sh		
	Activity 2 Round the cost of these items to the nearest 10p: 4 pint milk £1.02 Tub of butter £1.68 Jar of jam £1.07 Packet of biscuts £0.98 Loaf of bread £0.91 Conflishes £1.27		and derive corresponding halves. Count by 5's 5 10 15 20 25 30 35 40 45 50	Half of 30	Half of 500Half of 500 mo 200 200 200 200 200 200 200 200 200 20
Learning Area: Addition, s	ubtraction, multiplication & divisio	on	55 60 65 70 75		
Mentally add multiples of 100 within 1000.	Adding Multiples of 350 + 500=	<u>f 100</u>	80 85 90 95 100	800	
Mantally find what mouth ha	657 + 300= 297 + 700=		Mentally find what must be added to any 2 digit number to make 100		
Mentally find what must be added to multiples 100 to make 1000.	200 + 800 500 + 500 980 + 20 1,100 - 100 900 + 100			Fill in the missing numbers.	
Know near doubles & components up to 20. Find doubles of multiples of 10 up to double 200 and derive corresponding halves.	When adding numbers that follow other, use the knowledge of doub	each		16 + = 100 7 + = 100 34 + = 100	
Multiples of 10 Test 1* multiple of 10 = 10 2** multiple of 10 = 70	help add the numbers. 5+6= This is the same as: 5+5+1=11 or $6+6-1$:	V. 700A	Develop a standard written method for vertical addition H T U (with carrying), estimating the answer before calculating.	https://ccea.org.uk/learni your-child-maths/help-yo subtraction/helping-your-	ur-child-
4th multiple of 10 = 30 4th multiple of 10 = 40 5th multiple of 10 = 50 6th multiple of 10 = 60 7th multiple of 10 = 70 8th multiple of 10 = 80 9th multiple of 10 = 90 10th multiple of 10 = 100 11th multiple of 10 = 120 12th multiple of 10 = 120	5 + 5 1 2 3 4 5 6 7 8 9	N Name of Street, Stre		1 3 6 7	
Mentally find doubles of multiples of 5 up to double 30, and corresponding halves Find doubles of multiples of 50, answers within 1000,		Multiples of 50 Double 300 Double 450	Find what must be added to any 3 digit number to make the next higher multiple of 10 or 100.	700 610 610 + 90 = 700	90

P5 – Within the area of 'Number' by the end of P5, a child of average ability should be able to, know, understand and use*:

Rasharkin Primary School	P5 – Within the area of 'Number' by the en
Understand all times tables	https://www.topmarks.co.uk/maths-games/hit-
(up to 12) multiplication	<u>the-button</u>
facts as repeated addition, and as arrays. Develop	
quick recall, using	Mante to take to take to take
understanding of	
commutativity, and	
knowledge of other	Company Compan
multiplication facts. Derive	
corresponding division facts, using understanding of	
inverse relationship.	0-1-0 Direct Dir
'	5×3 2-
	"5 lots of 3" 3→ ●●●
	"5 equal groups of 3" 5 → ●●●
Use written multiplication	3+3+3+3+3 (26)
methods to multiply a 2 or	
3 digit number by any single	325
digit number	× 6
	1950
Learning Area: Fraction	ons
Recognise, read and	Numerator
write fractions,	3 — How many equal parts do you have?
identifying numerator	4 Denominator
and denominator.	How many equal parts is the whole divided into?
Order a set of fractions	
(increasing and	Order these fractions from the smallest.
decreasing).	
J	$\frac{3}{6}$ $\frac{1}{6}$ $\frac{5}{6}$ $\frac{2}{6}$ $\frac{4}{6}$
	Order these fractions from the biggest.
	4 6 8 10 11
	$\frac{4}{12} \frac{6}{12} \frac{8}{12} \frac{10}{12} \frac{11}{12}$
	U.

Begin to talk about equivalent fractions.	$\frac{1}{2} = \frac{1}{4} \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} = \frac{1}{8} \frac{1}{3} = \frac{1}{12}$
Find fractions of quantities, using links with division facts. Begin to understand the relationship between fractions and decimal fractions. Write tenths as decimal fractions. Use known division facts to find fractions of quantities (numerator = 1)	$\frac{3}{5} \text{ of } 30 = 18$ $\frac{3}{5} \text{ of } 30 = 18$ Find $\frac{1}{4}$ of 12
Work out the decimal fraction coloured in a shape using tenths, change tenths to decimals, order decimals.	e.g. Order these decimals: 0.6, 0.1, 0.8 1.