

NATIONAL CURRICULUM TARGET	GAME No.	GAME TITLE
<b>NUMBER AND PLACE VALUE</b>		
Read, write, order and compare numbers up to...	N601	Ordering Numbers up to 10million
	N602	Comparing Numbers up to 10million
Round any whole number to a required degree of accuracy	N603	Rounding any Whole Number...
Use negative numbers...	N604 - N605	Adding and Subtracting with Negative Numbers
Solve number problems involving all of the above	Refer to N601 - N605	
<b>ADDITION, SUBTRACTION, MULTIPLICATION AND DIVISION</b>		
Multiply multi digit numbers...	N606 - N608	Multiplying 2, 3 and 4-digit numbers by 2-digit numbers
Divide numbers up to 4 digits.	N609	Dividing by 2 to 12 with Remainders
	N610	Interpreting Remainders
	N611 - N612	Dividing 3 and 4-digit by 2-digit numbers
	N613	Rounding Division
Perform mental calculations...	N614	Estimating with Multiplication
Identify common factors/multiples and prime numbers	N615 - N617	Common Factors, Common Multiples and Prime Numbers
Use their knowledge of the order of operations...	N618	Missing Number Problems
	N619 - N620	Calculations with Mixed Operations
	N621	The Four Operations
Solve addition and subtraction multi step problems...	N622	Mind the Gap
Solve problems involving addition/subtraction/multiplication/division	N623	New Books Please
Use Estimation to check answers to calculations.	Refer to N603, N613, N614	
<b>FRACTIONS (INCLUDING DECIMALS AND PERCENTAGES)</b>		
Use common factors to simplify fractions...	N624	Simplifying Fractions
	N625	Equivalent Fractions
...use common multiples to express fractions in the same denomination	N626	Using Common Multiples to Add Unit Fractions
Compare and order fractions...	N627	Fractions on a Number Line
	N628	Ordering Fractions
Add and subtract fractions with different denominators...	N629 - N630	Add and Subtract Fractions/Mixed Numbers
Multiply simple pairs of proper fractions...	N631	Multiplying Fractions 1
	N632	Multiplying Fractions 2
Divide proper fractions by whole numbers	N633	Divide Fractions by Whole Numbers
Associate a fraction with division...	N634	Unit Fraction Quantities
... and calculate decimal fraction equivalents...	N635	Fractions to Decimals
Identify the value of each digit in numbers given to 3 decimal places...	N636	Comparing Decimals
...and multiply and divide numbers by 10/100/1000...	N637	Multiplying or Dividing by 10/100/1000
Multiply 1-digit numbers with up to 2dp by whole numbers	N638 - N641	Multiplying Decimals by Whole Numbers
	N642	Multiplying Decimals
Use written division methods...	N643 - N646	Division with Decimals
Solve problems which require answers to be rounded...	N647	Rounding to a Specified Degree of Accuracy
	N648	Estimating Answers
Recall and use equivalences between simple fractions...	N649 - N650	Fractions, Decimals and Percentages
	N651	Converting between Percentages, Decimals and Fractions
<b>RATIO AND PROPORTION</b>		
Solve problems involving the relative sizes of 2 quantities...	N652	Chocolate Chip Cookies
Solve problems involving the calculation of percentages...	N653 - N654	Calculating Percentages
	N655	Percentages/Decimals/Fractions
	N656	Percentages of 360 degrees
Solve problems involving similar shapes	N657	Similar Shapes
Solve problems involving unequal sharing and grouping...	N658	Unequal Sharing and Grouping
<b>ALGEBRA</b>		
Use simple formulae	N659	Expressions
	N660	Equations
Generate and describe linear number sequences	N661	Number Sequences
	N662	Generating Number Sequences
Express missing number problems algebraically	N663 - N664	Equivalent Expressions
Find pairs of numbers that satisfy...	N665 - N666	Equation with 2 unknowns
Enumerate possibilities of combinations of 2 variables	Refer to N665 - N666	

# INDEX CARD: YEAR 6

NATIONAL CURRICULUM TARGET	Easier Versions*	More Challenging Versions*
<b>NUMBER AND PLACE VALUE</b>		
Read, write, order and compare numbers up to...	N501 N502	
Round any whole number to a required degree of accuracy	N506 - N507 (different game type)	
Use negative numbers...	N504 - N505	
Solve number problems involving all of the above		
<b>ADDITION, SUBTRACTION, MULTIPLICATION AND DIVISION</b>		
Multiply multi digit numbers...	N523	
Divide numbers up to 4 digits.	N531 N535 - N537 N532 - N534 N530	
Perform mental calculations...	N518	
Identify common factors/multiples and prime numbers	N520	
Use their knowledge of the order of operations...	N479	N619 - N620 are differentiated
	N542	
Solve addition and subtraction multi step problems...	N519	
Solve problems involving addition/subtraction/multiplication/division	N622	
Use Estimation to check answers to calculations.		
<b>FRACTIONS (INCLUDING DECIMALS AND PERCENTAGES)</b>		
Use common factors to simplify fractions...	N549 - N550 N548	
...use common multiples to express fractions in the same denomination	N484	
Compare and order fractions...	N544 N547	
Add and subtract fractions with different denominators...	N552 - N554	
Multiply simple pairs of proper fractions...	N555 (different game type) N556 & N631 (different game type)	N632 (different game type)
Divide proper fractions by whole numbers		
Associate a fraction with division...	N545	
... and calculate decimal fraction equivalents...	N557	
Identify the value of each digit in numbers given to 3 decimal places...	N561 (different game type)	
...and multiply and divide numbers by 10/100/1000...	N538 (different game type)	
Multiply 1-digit numbers with up to 2dp by whole numbers		N638 - N641 are differentiated
Use written division methods...		N643 - N646 are differentiated
Solve problems which require answers to be rounded...	N559 (different game type) N613	
Recall and use equivalences between simple fractions...	N566 N567 (different game type)	
<b>RATIO AND PROPORTION</b>		
Solve problems involving the relative sizes of 2 quantities...	N543	
Solve problems involving the calculation of percentages...		N653 - N654 are differentiated
Solve problems involving similar shapes		
Solve problems involving unequal sharing and grouping...		
<b>ALGEBRA</b>		
Use simple formulae		
Generate and describe linear number sequences		
Express missing number problems algebraically		N663 - N664 are differentiated
Find pairs of numbers that satisfy...		N665 - N666 are differentiated
Enumerate possibilities of combinations of 2 variables		

\*Bold numbers indicate games within this year pack.