

INDEX CARD: YEAR 5

***Bold numbers** indicate games within this year pack.

NATIONAL CURRICULUM TARGET	GAME No.	GAME TITLE	NOTES	Easier Versions*	More Challenging Versions*
NUMBER AND PLACE VALUE					
Read, write, order and compare numbers...	N501	Ordering Numbers up to 1 million		N405 - N406	N601
	N502	Comparing Numbers up to 1 million	Includes greater/less than symbols	N407 - N408	N602
Count forwards or backwards in steps of powers of 10...	N503	Counting in Powers of 10	Includes index notation		
Interpret negative numbers in context...	N504 - N505	Negative Numbers	Cumulative addition and subtraction	N403	N604 - N605
Round any number up to 1,000,000...	N506 - N507	Round to the Nearest 10, 100, 1000, 10000, 100000		N410	N603 (different game type)
Solve number problems...			Refer to Questions and Challenges in N501 - N507		
Read roman numerals to 1000...	N508 - N510	Roman Numerals		N411 - N413	
	N511	Adding with Roman Numerals		N414	
ADDITION AND SUBTRACTION					
Add and subtract whole numbers with more than 4 digits...	N512 - N513	Adding/Subtracting with 5-digit Numbers		N415 - N418	
Add and subtract numbers mentally...	N514 - N517	Add and Subtract Mentally	Cumulative addition/subtraction	N313 - N317	N514 - N517 are differentiated
Use rounding to check answers to calculations...	N518	Estimating with Addition and Subtraction	Rounding numbers to the nearest 100 before adding/subtracting	N421	N614
Solve addition and subtraction multi-step problems...	N519	Mind the Gap	Solving a problem involving addition and subtraction		N622
MULTIPLICATION AND DIVISION					
Identify multiples and factors...	N520	Factors, Multiples, Primes and Squares		N473	N615 - N617
	N521	Common Factors	Check the aim of the game carefully	N474 (different game type)	
Know and use the vocabulary of prime numbers...	N522	Prime Numbers, Prime Factors and Composite Numbers	Includes greater/less than symbols		
Establish whether a number up to 100 is prime...	Refer to N522				
Multiply numbers up to 4 digits by a 1 or 2-digit number...	N523 - N526	Multiplying 1, 2, 3 and 4-digit Numbers		N477 - N478	N606 - N608 (same games with a different aim)
Multiply and divide numbers mentally using known facts	N527 - N528	Multiplying Numbers Mentally		N424 - N434	N527 - N528 are differentiated
	N529	Connections in Division	Matching divisions	N471	
	N530	Dividing Mentally		N461 - N469	N613
Divide numbers up to 4 digits by a 1-digit number...	N531	Dividing by 2 to 12 with Remainders		N456 - N460	N609
	N532 - N534	Dividing 2, 3 and 4-digit Numbers by a 1-digit Number			N611 - N612
...and interpret remainders appropriately for the context	N535 - N537	Interpreting Remainders	Answering divisions with improper fractions, remainders and mixed numbers		N610
Multiply and divide whole numbers and decimals by...	N538	Multiplying/dividing by 10/100/1000		N461	N637 (different game type)
Recognise and use square numbers and...	N539	Square and Cube Numbers		N520	
Solve problems involving multiplication and division...	N540	Squares and Cubes in Number Sentences	Matching multiplication calculations involving indices		
Solve problems involving add/subtract/multiply/divide...	N541	Addition/Subtraction/Multiplication/Division	Needs understanding of maths vocabulary and mathematical signs	N480	
	N542	The 4 Operations	Uses the 4 operations to achieve a target number	N481	N621
Solve problems involving multiplying and dividing...	N543	Chocolate Fridge Cake	Working out amounts of ingredients needed		N652
FRACTIONS					
From the non-statutory notes and guidance:	N544	Fractions on a Number line		N369 - N370	N627
Pupils continue to develop their understanding of fractions as numbers	N545	Fractions of a Number		N485	N634
Compare and order fractions whose denominators are...	N546	Comparing Fractions	Includes greater/less than symbols	N374 - N375	
	N547	Ordering Fractions			N628
Identify, name and write equivalent fractions of...	N548	Equivalent Fractions		N483	N625
Recognise mixed numbers and improper fractions...	N549 - N550	Improper Fractions and Mixed Numbers			N549 - N550 are differentiated
Add and subtract fractions with the same denominator...	N551	Adding fractions with the same denominators			
...and denominators that are multiples of the same number	N552	Adding Fractions		N486	N553
	N553	Subtracting Fractions			N554
	N554	Adding and Subtracting Fractions			N629 - N630
Multiply proper fractions and mixed numbers by whole numbers...	N555	Multiplying Fractions by Whole Numbers			N631 (different game type)
	N556	Multiplying Mixed Numbers by Whole Numbers			N633
Read and write decimal numbers as fractions...	N557	Read and Write Decimals as Fractions		N491	N635
	N558	Decimals to Fractions		N488 - N490	
Recognise and use thousandths....	Refer to N557 & N558				
Round decimals with 2dp to the nearest whole number...	N559	Rounding Decimals	Rounding to the nearest whole number or 1 decimal place	N493	N647 (different game type)
Read/write/order/compare numbers with up to 3 decimal places	N560	Ordering Decimals		N495	
	N561	Comparing Decimals	Includes greater/less than symbols	N494	N636 (different game type)
Solve problems involving numbers up to 3 decimal places	N562	Decimals that Total One	Finding decimal pairs that add up to 1		N565 (different game type)
	N563 - N564	Adding Decimals		N496 (different game type)	N563 - N564 are differentiated
	N565	3 Decimal Places	Finding groups of decimals that add up to 1, check the aim carefully		
Recognise the per cent symbol....	N566	Percentages Fractions and Decimals			N649 - N650
Solve problems which require knowing percentage...	N567	Comparing Fractions Decimals and Percentages			N651 (different game type)