

# INDEX CARD: YEAR 3

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

NATIONAL CURRICULUM TARGET	GAME No.	GAME TITLE	NOTES	Easier Versions*	More Challenging Versions*
<b>NUMBER AND PLACE VALUE</b>					
Count from 0 in multiples of 4, 8, 50 and 100	<b>N301</b>	Counting in 4s, 8s, 50s, 100s		N201	N401 & <b>N302 - N303</b>
...find 10 or 100 more or less than a given number	<b>N302 - N303</b>	Multiples of: 2, 3, 4 & 5 and 8, 10, 50 & 100	Includes cumulative addition and subtraction	N253	
Recognise the place value of each digit...	<b>N304</b>	10 / 100 More or Less			N402
Compare and order numbers up to 1000	<b>N305</b>	Place Value in 3-digit Numbers	Place value and comparing numbers	N202	N404
Identify, represent and estimate numbers...	<b>N306</b>	Partitioning 3-digit Numbers	From the non-statutory notes and guidance	N207	
Read and write numbers up to 1000...	<b>N307</b>	Ordering Numbers up to 1000		N204	N405 - N406
Solve number problems...	<b>N308</b>	Comparing Numbers up to 1000		N205	N407 - N408
	<b>N309</b>	Numbers on a Number Line	Placing 3-digit numbers on a number line	N203	N409
	<b>N310</b>	Read and Write Numbers up to 1000		N206	
	<b>N311</b>	Number and Place Value	Maths vocabulary and understanding of place value	N208	N480
<b>ADDITION AND SUBTRACTION</b>					
Add and Subtract numbers mentally...	<b>N312</b>	Addition with Numbers to 100		N209 - N210, N212 & N230	
...a 3-digit number and ones	<b>N313 - N315</b>	Adding or Subtracting: 8 - 12, 13 - 16 and 17 - 20	Includes cumulative addition or subtraction	N226 - N227	<b>N313 - N315</b> are differentiated
...a 3-digit number and tens	<b>N316</b>	Adding and Subtracting Ones to 3-digit Numbers			<b>N317</b>
...a 3-digit number and hundreds	<b>N317</b>	Adding and Subtracting Tens to 3-digit Numbers		<b>N316</b>	
Add and Subtract numbers with up to 3-digits...	<b>N318</b>	Adding and Subtracting Hundreds to 3-digit Numbers			
	<b>N319 - N320</b>	Adding: 3-digit and 2-digit Numbers / 3-digit Numbers		N234 & N236	N415 - N416
	<b>N321 - N324</b>	Adding/Subtracting with Multiples of 10	Includes cumulative addition		N419 - N420
	<b>N325 - N326</b>	Subtracting with 2 and 3-digit numbers		N235	N417 - N418
Estimate the answer to a calculation... ...and use inverse operations...	<b>N327</b>	Estimating Answers	Rounding to the nearest 10 and 100 to estimate calculations		N421 (different game type)
Solve problems, including missing number problems...	<b>N328</b>	What is the Number?	Includes maths vocabulary, missing number sentences and worded questions		N423
	<b>N329 - N330</b>	Missing Number Problems	<b>N330</b> includes some multiplication		<b>N362 - N363</b>
<b>MULTIPLICATION AND DIVISION</b>					
Recall and use Multiplication and division facts for 3, 4 & 8	<b>N331 - N337</b>	3, 4 and 8 Times Tables	<b>N331 - N337</b> includes individual and mixed times tables	N239 - N242	N424 - N434
	<b>N338 - N340</b>	Multiplying by: 3, 4 and 8		N243 - N245	N435 - N439
	<b>N341 - N347</b>	Divide by: 3, 4 and 8	<b>N341 - N347</b> includes individual and mixed times tables	N246 - N249	N440 - N450
	<b>N348 - N350</b>	Dividing by: 3, 4 and 8		N250 - N252	N451 - N455
...calculate mathematical statements for multiplication...	<b>N351</b>	Doubling 2-Digit Numbers		N257	
	<b>N352</b>	Halving 2-Digit Numbers		N255 - N256 (different game type)	
	<b>N353 - N356</b>	Dividing by: 3, 4, 5 and 8 with remainders			N456 - N460
...including for 2-digit numbers times 1-digit numbers...	<b>N357 - N358</b>	Multiplying and Dividing by 3, 4, 8, 30, 40, 80	Using known facts to derive related facts		N462 - N469
...missing number problems involving multiplication...	<b>N359 - N361</b>	Multiplying 2-digit numbers by: 3, 4 and 8			N477 - N478
	<b>N362 - N363</b>	Missing Number Problems	Includes all 4 operations	<b>N329 - N330</b>	N479
	<b>N364</b>	Sum or Product			N472 (different game type)
	<b>N365</b>	The Four Operations	Uses the 4 operations to achieve a target number		N481
<b>FRACTIONS</b>					
Count up and down in tenths...	<b>N366</b>	Counting in Halves, Quarters and Tenths		N260	N484
Recognise, find and write fractions of a discrete set of objects...	<b>N367 - N368</b>	Unit / Non-Unit Fractions of a Number		N259	N485
Recognise and use fractions as numbers...	<b>N369 - N370</b>	Unit / Non-Unit Fractions on a Number line	Placing fractions on a number line		N544
Recognise and show...equivalent fractions...	<b>N371</b>	Recognising Fractions	Matching fractions with shaded shapes	N258	
	<b>N372</b>	Equivalent Fractions			N482
Add and Subtract fractions with the same denominator...	<b>N373</b>	Add and Subtract fractions			N487
Compare and order unit fractions and fractions...	<b>N374 - N375</b>	Comparing Unit Fractions / Comparing Fractions	Includes greater/less than signs		N494 & N546
Solve problems that involve all of the above			Refer to questions and challenges in <b>N366 - N375</b>		