

Thoresway Rd, Wilmslow, Cheshire SK9 6LJ Tel: 01625 917335

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Headteacher: Mrs Collette Mather

How to help at home: Year 5_

Maths									
As well as continuing to secure times tables knowledge, we would like the children to continue to practice and develop their skills									
of using fractions. Below are a number of the different strategies we look at and links to online games and other resources you									
can use to practice these skills.									
Tips – Simplifying		Tips- Converting from Improper fractions to mixed numbers							
To simplify a fraction, divide the top	and bottom by the high	est and then the other way							
number that can divide into both n	umbers exactly.	To convert an improper fraction to a mixed fraction, follow							
		these steps:							
Example: Simplify the fraction $\frac{24}{108}$:	You can also div	de 1. Divide the numerator by the denominator							
$\div 2 \div 2 \div 3$	both number by t	eir 2. Write down the whole number answer							
	greatest comm	3. Then write down any remainder above the denominator							
$\frac{24}{108} = \frac{12}{54} = \frac{6}{27} =$	$\frac{2}{9}$ factor. This meth								
	works for any	these steps:							
÷ 2 ÷ 2 ÷ 3	fractions.	1. Multiply the whole number part by the fractions							
That is as far as we can go. The fraction simplifies to $\frac{2}{9}$		denominator							
		2. Add that to the numerator							
Freedings Comes Marry Marth C		3. Then write the result on top of the denominator							
Fractions Games Menu - Math Gar	nes (sneppardsoftware.c	<u>om)</u>							
https://www.iknowit.com/lessons/c- https://www.fractions4kids.com/sim		como/							
Adding Fractions	Subtraction Fractions	Multiplying Fractions Dividing Fractions							
Follow these 3 steps:	Follow these 3 steps:	Follow these 3 steps: Follow these 4 steps:							
1. Make sure the denominators	1. Make sure the	1. Multiply the numerators 1. Turn the second fraction							
are the same by finding an	denominators are								
equivalent fraction 2. When the denominators are	same by finding ar								
the same add the	equivalent fraction 2. Subtract the	3. Simplify if you can2. Multiply the numerators3. Multiply the							
numerators	numerators	denominators							
3. Simplify if you can	3. Simplify if you can	4. Simply if you can							
YouTube links for $+ - x$ and \div fraction		Finding Equivalent Fractions							
Adding and Subtracting - Math Ant									
Fractions (youtube.com)		"Whatever we do to the top, we have to do to the bottom"							
Multiplying Fractions		This video will show you what this means.							
Math Antics - Multiplying Fractions	(youtube.com)	Equivalent Fractions (youtube.com)							
Dividing Fractions									
hMath Antics - Dividing Fractions (
	Me	tal Fluency							
MA1: Manipulate Calculation MA2: Round & Adjus	t MA3: Partitioning MA	a: Counting On MA4b: Counting On MA5: Double & Adjust MA6: Number Bonds							
4645 + 1996 = 6641 4645 + 1996 = 664	1 576 + 258 = 834 83	2 + 500 = 1337 7583 + 5000 = 12583 125 + 127 = 252 64.56 + 63.27 + 61.44 = 69.27							
4641 4 1996 4645 + 2000 - 4		125 + 125 + 2							
4641 + 2000 = 6641 6645 - 4 = 664	700+120+14=834	+500 37 (1337) (7583) (2583) (2583) (250 + 2 = 252) (6.00 (3.27)							
🕈 Banis of Mather Polycing Baland	Courte Cour								
MS1: Manipulate Calculation MA2: Round & Adjust	A3: Partitioning MS4a: Counti	ad httenas IS Jawa IS Jawa IS							
	50 - 372 = 378 8.3 - 7.9 =								
+4 +4 5864 - 3000 + 4	-350 -22 (10.4)	(+50) (+20) (5291 7291 8.6 (+.5) (724+700 = 1424)							
5868 - 3000 = 2868 2864 + 4 = 2868	50 400 378	3 950 1000 1204							
MM1b: Manipulate Calculation MM2b: Factorising MI	136: Re-ordering MM46: Partit	ning MM5b: Round & Adjust MM6b: Doubling MM7b: Doubling Table Facts MM8b: Doubling Up							
45 x 14 45 x 14 = 630	$(9 \times 8) \times 6$ 72 × 6 = 432 126 × 6 =	256 3.9 x 5 = 19.5 Double 78 = 156 16 x 7 = 112 125 x 16 = 2000							
x2 +2 (45 x 2 x 7)	(9 x 6) x 8 54 x 8 = 432 * (600)+(120) + 30	$\begin{array}{c c c c c c c c c c c c c c c c c c c $							
90 x 7 = 630 90 x 7 = 630	(8 x 6) x 9 48 x 9 = 432	$\begin{array}{c c c c c c c c c c c c c c c c c c c $							
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	(Nariar Princy School	The of her free her her her her her her her her her							
	pulate Calculation MD2 a: Divide by 100 then Double twice	MD3c: Holving Holf of ^{9/2} 5000 + 9 = 505							
	pulate Calculation MD2 a: Divide by 100 them Double twice 800 ÷ 25 = 32	Half of $\frac{92}{92}$ 40 + 6 = 46 $1 + of 9 = 9 + 4 = \frac{9}{4} = 2\frac{1}{4}$ 394 + 6 = 65r4 394 + 6 = 65r4							
56 x 25 = 1400 x1000 63400 1200 56 x 100 = 5600 x100 6340 100 5600 + 2 = 2800 x10 634 100	pulate Calculation MD2 a: Divide by 100 them Double twice 800 ÷ 25 = 32	Half of 92 5000 + 8 = 625 $\frac{1}{4}$ of 9 = 9 + 4 = $\frac{9}{4}$ = 2 $\frac{1}{4}$ 394 + 6 = 65r4 634							



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Written Strategies The Four operations It's essential that the children are confident with their written methods, solving problems with the four operations. Here is how we teach written methods for the four operations Subtraction Addition Vertical layout, contracting the working to a compact efficient form: 5 6 3 156 4 1 2 368 and 7 8 +493 2 2 3 5 8 861 Note: The numbers 'carried' will be shown under the line. **Multiplication** Division Short division: Vertical format, compact working 56 0 3 5 27 392 $5 1^{1} 7^{2} 5$ 4 1120 1512 Spelling

In year 5, children are taught to:

- Use further prefixes and suffixes and understand the guidance for how to add them.
- Spell further homophones.
- Spell words that are often misspelt.
- Place the possessive apostrophe accurately in words with regular plurals [for example, girls', boys'] and in words with irregular plurals [for example, children's].
- Use the first two or three letters of a word to check its spelling in a dictionary and check word meanings.
- Write from memory simple sentences dictated by the teacher, which include words and punctuation taught so far.
- Spell some words with 'silent' letters [for example, knight, psalm, solemn]
- Continue to distinguish between homophones and other words which are often confused

Below are some strategies and games to try:

Pattern Spotting	Word trains	Backwards words	Words within words					
Boggle Anagrams		<u>Hangman</u>	Tic Tac Toe					
As well as their spelling lists set by their spelling teacher, children can practice the spelling of words from the year 3/4								
& 5/6 spelling list found in the National Curriculum.								

Below can be found the Year 5/6 statutory spelling list.



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accommodate	communicate	equip	immediately	nhusical	sincerely
					-
accompany	community	equipped	individual	prejudice	soldier
according	competition	equipment	interfere	privilege	stomach
achieve	conscience	especially	interrupt	profession	sufficient
aggressive	conscious	exaggerate	language	programme	suggest
amateur	controversy	excellent	leisure	pronunciation	symbol
ancient	convenience	existence	lightning	queue	system
apparent	correspond	explanation	marvellous	recognise	temperature
appreciate	criticise	familiar	mischievous	recommend	thorough
attached	curiosity	foreign	muscle	relevant	twelfth
available	definite	forty	necessary	restaurant	variety
average	desperate	frequently	neighbour	rhyme	vegetable
awkward	determined	government	nuisance	rhythm	vehicle
bargain	develop	guarantee	occupy	sacrifice	yacht
bruise	dictionary	harass	occur	secretary	
category	disastrous	hindrance	opportunity	shoulder	
cemetery	embarrass	identity	parliament	signature	
committee	environment	immediate	persuade	sincere	



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Writing, grammar and punctuation

In year 5, children should be able to write at length, considering the genre, audience and purpose of their writing. Writing should include a range of sentence types with more than one clause. Words should be chosen carefully to ensure clarity and cohesion. Children need to understand and use grammatical terminology from the year 5 National Curriculum and apply this in their writing. Reading for writer hints Editing When reading a text that the children really enjoy, look for what Ask children to proof read your writing. They love the writer has done to make it so good. finding mistakes in someone else's work! Long/ short sentences used to build tension and suspense. -Use of similes and metaphors. Choose a section from a text that they found Repetition of words. boring, can they rewrite it to make it better? -Language <u>A-Z</u> Magpie Book Online grammar games Challenge Keep a notebook nearby https://www.topmarks.co.uk/english-games/7-11-years/spelling-andchildren to write when reading. When children find a new and grammar an A-Z of https://www.teachwire.net/news/7-of-the-best-online-grammaradjectives/ exciting word, add it to games-for-ks2 nouns/ verbs/ their magpie book so they http://www.crickweb.co.uk/ks2literacv.html adverbs. don't forget it! https://www.education.com/games/punctuation/ Book Talk From boring to brilliant Swap Drop in Give children a simple sentence Share picture books Choose a page from a Take a boring sentence and and ask them to 'drop in' different get children to add/take and try to verbally favourite book. Can tell the story drawing features. Ideas for 'drop ins' away words, change words, children retell that page on the details in the include: similes, adverbial phrases, reorder words, add ans swapping all the adjectives for alternatives? embedded clause, adjectives. ending/beginning. pictures. Reading In year 5 children should apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that they meet. It is important that children maintain positive attitudes to reading and understanding of what they read by: Continuing to read and discuss a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks Reading books that are structured in different ways and reading for a range of purposes _ Increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern _ fiction, fiction from our literary heritage, and books from other cultures and traditions Recommending books that they have read to their peers, giving reasons for their choices _ Identifying and discussing themes and conventions in and across a wide range of writing -_ Making comparisons within and across books Learning a wider range of poetry by heart -Preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume Here are some links to reading/comprehension games:

Comprehension-https://www.education.com/games/ela/reading/

Comprehension-https://www.topmarks.co.uk/english-games/7-11-years/reading

Comprehension-https://www.everyschool.co.uk/english-key-stage-2-comprehension-2.html

Ideas for non-online games to play -https://readingeggs.co.uk/articles/2016/01/25/reading-games/