

Day	Activity
Monday	<p data-bbox="387 276 1872 312"><b>Starter:</b> 43, 256, 5899. Choose a number and write down as many ways you can think of to make the number.</p> <p data-bbox="387 357 1261 394"><b>Learning Intention:</b> I can use different strategies for division.</p> <p data-bbox="387 438 2011 560"><b>Activity:</b> We have looked at different strategies for division this year. Today we will be recapping the strategies we have looked at. I will upload a separate file with the strategies explained. Choose from the options below and solve the problems using the right strategy for you. Remember to write down your working!</p> <p data-bbox="387 604 461 641"><b>Mild:</b></p> <ol data-bbox="439 646 2029 927" style="list-style-type: none"> <li>1. A class of 30 children are put into groups of 5. How many groups will there be?</li> <li>2. I have 50 sweets to share with 10 of my friends. How many sweets will each friend get?</li> <li>3. A pompom machine puts 10 pompoms in each packet. If the machine has made 70 pompoms, how many packets will there be?</li> <li>4. I have 25 pencils to share between 5 teachers. How many pencils will each teacher get?</li> <li>5. Sarah is saving up to buy a computer game. The game costs £30. Sarah gets £2 pocket money each week. How many weeks will it be until she can afford to buy the game?</li> </ol> <p data-bbox="387 975 454 1011"><b>Hot:</b></p> <ol data-bbox="439 1016 2011 1297" style="list-style-type: none"> <li>1. I cut my cake into 16 pieces to share with my friends. There are four of us altogether. How many pieces will we each get?</li> <li>2. There are 24 children in the class. They need to be split into 4 groups. How many children will there be in each group?</li> <li>3. A supermarket has 4 shelves for soup and 84 tins to put on them. How many tins should they put on each shelf?</li> <li>4. There are 48 potatoes left in the pan and 4 children in the queue. How many potatoes will they each get?</li> <li>5. Thirty-six penguins need to be put into 3 pools. How many will go in each pool?</li> </ol> <p data-bbox="387 1302 479 1339"><b>Spicy:</b></p>

	<ol style="list-style-type: none"> <li>1. A class of 20 children and 4 adults are going on a school trip and need to book a bus. The bus seats people in rows of 4. How many rows of seats will the bus need to have?</li> <li>2. Cinema tickets to see Harry Potter cost £4 each. How many friends can you afford to take with you if you have £20? Remember that you need to buy yourself a ticket too!</li> <li>3. A teacher asks some children to arrange 36 chairs into rows of nine chairs. How many rows will there be?</li> <li>4. A crate holds 72 bottles. How many packs of 6 bottles will be in each crate?</li> <li>5. A photographer prints 96 photographs to arrange in an album. Each page will contain 8 photographs. How many pages will be used?</li> </ol> <p><b>Extension:</b> Create your own word problems for division!</p>
Tuesday	<p><b>Starter:</b> Countdown! 7, 100, 3, 7, 2, 25. Using these numbers to try and make 752! You can add, subtract, multiply and divide but you can only use each number once!</p> <p><b>Learning Intention:</b> I can use my knowledge of division to create a mathematical game.</p> <p><b>Activity:</b> Since we had a great response to the multiplication games last week, I thought we could give it a go with division this week! I can't wait to see what kind of games you come up with! Try to make a completely new concept from the game you made last week!</p>
Wednesday	<p><b>Starter:</b> Take the last four numbers from your telephone number.  What is the biggest number you can make from these numbers?  What is the smallest number you can make?  How many different combinations can you make?</p> <p><b>Activity:</b> Continue making your division game! If you have finished, have a go at playing it, you could try playing with the rest of your household if, and when, there is time! Explain the rules and have a go at playing.</p>

Thursday	<p><b>Starter:</b> Think of a shape in your head. Write down some clues as to what shape it is and see if someone can guess the shape you are thinking of!</p> <p><b>Learning Intention:</b> I can solve addition and subtraction problems within 50, 100 or 1000 using mental strategies.</p> <p><b>Activity:</b> Choose from the options below and have a go at solving the problems using mental strategies.</p> <p><b>Mild:</b></p>
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$17 + 2 =$	$24 - 5 =$	$10 + 20 =$	$15 + 3 =$	$21 - 9 =$
$19 - 5 =$	$16 - 12 =$	$10 + 26 =$	$1 + 13 =$	$23 - 3 =$
$15 - 15 =$	$19 - 5 =$	$11 + 41 =$	$17 + 3 =$	$12 + 22 =$
$1 + 44 =$	$29 - 11 =$	$22 + 18 =$	$36 - 6 =$	$31 - 14 =$
$20 + 30 =$	$21 + 16 =$	$20 + 16 =$	$36 - 4 =$	$42 - 6 =$
$25 - 7 =$	$22 + 9 =$	$35 - 9 =$	$11 + 31 =$	$32 + 16 =$
$32 - 12 =$	$36 + 11 =$	$38 - 2 =$	$33 + 1 =$	$37 - 5 =$
$40 - 5 =$	$28 + 9 =$	$1 + 49 =$	$35 + 8 =$	$23 - 15 =$
$34 - 11 =$	$17 + 19 =$	$30 - 19 =$	$38 + 4 =$	$32 - 16 =$
$42 - 7 =$	$44 + 5 =$	$48 - 9 =$	$50 - 0 =$	$3 + 38 =$

Hot:

$18 + 26 =$	$47 - 22 =$	$79 + 23 =$	$81 - 11 =$	$56 + 31 =$
$91 + 8 =$	$93 - 7 =$	$89 - 10 =$	$12 + 67 =$	$98 - 1 =$
$27 + 72 =$	$47 - 21 =$	$88 - 12 =$	$80 + 19 =$	$73 + 9 =$
$37 + 59 =$	$64 - 11 =$	$92 - 4 =$	$59 - 44 =$	$80 + 11 =$
$76 + 22 =$	$73 + 18 =$	$59 + 35 =$	$45 - 17 =$	$77 - 23 =$
$85 - 3 =$	$90 - 22 =$	$62 - 45 =$	$57 - 43 =$	$72 + 3 =$
$0 + 100 =$	$88 - 10 =$	$81 - 60 =$	$41 + 26 =$	$97 - 3 =$
$94 - 57 =$	$75 - 16 =$	$41 + 54 =$	$62 - 32 =$	$61 - 29 =$
$87 - 12 =$	$84 - 6 =$	$89 + 5 =$	$86 - 47 =$	$62 + 16 =$
$33 + 28 =$	$74 - 21 =$	$93 - 7 =$	$96 - 52 =$	$32 + 30 =$

	<b>Spicy:</b>
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$622 - 21 =$	$183 + 770 =$	$720 - 351 =$	$594 - 378 =$	$639 + 281 =$
$652 - 183 =$	$237 - 170 =$	$403 - 23 =$	$101 + 107 =$	$416 + 40 =$
$642 + 192 =$	$585 + 413 =$	$844 - 25 =$	$509 - 83 =$	$112 + 249 =$
$413 + 480 =$	$832 - 124 =$	$896 + 104 =$	$752 - 249 =$	$396 + 370 =$
$541 + 240 =$	$643 - 286 =$	$13 + 394 =$	$946 + 18 =$	$985 - 75 =$
$587 - 401 =$	$456 + 186 =$	$685 + 245 =$	$240 - 138 =$	$658 - 154 =$
$524 + 444 =$	$81 + 399 =$	$119 + 273 =$	$562 - 275 =$	$602 - 189 =$
$783 - 71 =$	$215 + 225 =$	$356 + 422 =$	$177 + 467 =$	$919 - 33 =$
$553 - 68 =$	$31 + 346 =$	$341 - 194 =$	$357 + 439 =$	$996 - 37 =$
$419 - 132 =$	$113 + 247 =$	$957 - 320 =$	$984 - 58 =$	$956 + 38 =$

Friday	