

Year 5 Autumn 1: Week 7 Maths Planning

Date	Learning Objective	Starter Activity	Main Teaching	Plenary Activity
19.10.20	Divide numbers up to 4 digits by a one-digit number using formal written method of short division and interpret remainders appropriately for the context	https://www.topmarks.co.uk/maths-games/daily10 Start with the activity above. Choose level 3 -> division and either choose a specific times table or go up to 12.	Can I use short division? Work through these slides: https://app.mymaths.co.uk/1715-lesson/short-division Then work on the selection of Monday division worksheets	Check their understanding and go through any areas they struggled with. Play the game: https://www.arcademics.com/games/demolition
20.10.20	Recall prime numbers up to 19 (^)	https://www.topmarks.co.uk/maths-games/daily10 Go onto the website above and select a starter relating to multiplication/division. You can differentiate this easily on the website.	Today pupils will investigate whether a number up to 100 is prime or not using short division that was practiced yesterday. Pupils will need to use their division facts to calculate whether a number up to 100 is prime or not. http://www.primarygames.co.uk/pg2/splat/splatsq100.html Display the 100 square above and allow children to select the numbers they would like to investigate. Pupils could highlight all the prime numbers up to 100 on the sheet provided.	Which numbers did they find that were prime? What do they notice about these numbers?
21.10.20	Divide numbers up to 4 digits by a one-digit number using formal written method of short division and interpret remainders appropriately for the context	Play Hit the Button and choose division: https://www.topmarks.co.uk/maths-games/hit-the-button	Can I solve division word problems? https://app.mymaths.co.uk/1767-lesson/interpreting-remainders Once you get to slide 9 there are some practice questions. Higher ability children should express their remainders as decimals. Work on the Wednesday division worksheet.	https://uk.ixl.com/math/year-5/interpret-remainders You can finish with this quiz on IXL. It will only let you on for a certain amount of time as we don't have maths membership.
22.10.20	Divide numbers up to 4 digits by a one-digit number using formal written method of short division and interpret remainders appropriately for the context	Play a game of http://happysoft.org.uk/countdown/numgame.php	Can I solve mixed operations word problems? We've been focusing on written methods for the four operations. Today we're going to put that learning into practice by challenging the children to answer mixed operations word problems using NO PROBS to help them. Work on the Thursday mixed word problems worksheet	Complete the division review worksheet
23.10.20	INSET Day			