Year 5 Autumn 2: Week 5 Maths Planning				
Date	Learning Objective	Starter Activity	Main Teaching	Plenary Activity
30.11.20 1.12.20	Measure and calculate the perimeter of composite rectilinear shapes (^)	https://www.topmarks.co.uk/Flash.aspx?f=bingoaddition Play bingo. Select U.t + U.t as adding decimals is a skill the children will need to use when calculating perimeter.	**Go into** https://app.mymaths.co.uk/265-lesson/perimeter Work through the slides to recap perimeter. During **lesson 1** children should draw a variety of compound shapes (L shaped), estimate their perimeter and then measure the sides. **LA: These pupils could stick to drawing and measuring quadrilaterals.** Ensure these are neat and the shapes they draw have 6 sides. Encourage measurements to be to the nearest MM. During **lesson 2** children should calculate the perimeter of their shapes by adding their measurements together. They can then compare these to their estimations.	**Open the flipchart in lesson one resources.** Work through this encouraging lots of discussion.
2.12.20	Calculate and compare the area of rectangles	https://www.topmarks.co.uk/maths-games/hit-the-button or https://www.topmarks.co.uk/Flash.aspx?f=BingoMultiplicationv9 (only seems to work in IE) Children will need to use multiplication skills throughout the lesson.	**Go into** https://app.mymaths.co.uk/266-lesson/area-of-rectangles This is an excellent guide on area There are three differentiated sets of rectangles. LA – These children should work from the set of rectangles that show measurements but also have squares to count.	Open the flipchart saved in **Week Three Lesson Three called 'Area 2'**

			MA – These children should work from the set of rectangles that only show measurements. HA – These children should work from the football style rectangles.	
3.13.20	Calculate and compare the area of rectangles	https://www.topmarks.co.uk/maths-games/hit-the-button https://www.topmarks.co.uk/Flash.aspx?f=BingoMultiplicationv9 Children will need to use multiplication skills throughout the lesson.	**Go into Lesson Four Resources and open the PPT 'Calculating Area'** run through these practice questions There are three differentiated sets activities. These involve area & perimeter problems. LA – These mainly involve using column addition/multiplication to calculate area. MA – These involve using a mixture of column addition/multiplication and long multiplication. HA – These involve some bonus challenges.	Mark through the work together with your set. Can pupils write some self-assessment based on their understanding? What does area mean? How can we calculate the area of a rectangle?
4.12.20	To **review** the children's understanding of the topics covered over the week	Ask the children to complete the weekly review. **AREA & PERIMETER**	Work through the **AREA & PERIMETER REVIEW** and mark with the children. 1. Allow individuals to revisit a game or activity from the week. Allow the children to work through one of the week's MyMaths lessons if necessary	Work through and mark