Year 3 Spring 1: Week 2 Maths Planning				
Date	Learning Objective	Starter Activity	Main Teaching	Plenary Activity
11/01/21	✓ Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	https://www.transum.org/software/SW/Starter_of_the_day/Students/Roman_Numerals.asp Start with this game to assess pupils understanding before the lesson. This can be used later on as consolidation or extension by selecting a tougher level.	**mymaths -> - > number - > number and place value -> Y4 Roman numerals-> lesson.** This breaks down Roman numerals and has a few activities along the way for pupils to do on whiteboards. Some matching pairs games with Roman numerals available to do in groups.	Play Roman numerals bingo. Ask pupils to write down 6 numbers using Roman numerals between 1 and 20. Call out a number at a time, they tick off as they match each one.
12/01/21	✓ Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	https://www.transum.org/software/SW/Starter_of_the_day/Students/Roman_Numerals.asp Play either level 1 or 2 to recap Roman numerals	**MyMaths - > Measurement - > Y3 Time 1** This looks at telling the time using Roman numerals, a good way to consolidate from the previous lesson. Pupils have two sheets to tell the time using Roman numerals. They can either draw the hands on the sheets or write down the time shown on an analogue clock.	http://www.math-play.com/telling-time-basketball-game/telling-time-basketball-game.html You need to score with the basketball then a multiple choice question will appear.
13/01/21	✓ Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes	https://nrich.maths.org/981 An interesting challenge to set pupils. How many times would the numbers on a digital clock be consecutive a day?	Use the 'digital and analogue time' PPT. Pupils can use notepaper as you go through this to write down times. Discuss the structure of a digital clock and how it is separated by a	Discuss difficult times with pupils, can they convert quarter past and quarter to? Share tricky ones on board.

	and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight	1:23 , 2:34 , 3:45 etc.	colon, hours will be on the left and minutes on the right. There are three sheets in the folder, suggestion- cutting 6 questions from each sheet for pupils to complete (o'clock, half hour, quarter hour). They must read the analogue time and write in digital format.	
14/01/21	✓ Convert between analogue and 12-hour digital clocks	https://mathsframe.co.uk/en/resources/resource/116/telling-the-time This is a great game for children to match the analogue time to digital time. There are five different levels so this could be excellent to leave on your computer and ask pupils to try a different level in pairs to access all abilities.	http://www.visnos.com/demos/clock You may wish to use the clock above to recap the concept of AM/PM. If you click the rotate button it changes from analogue to digital. Various sheets for children to identify the time shown. They can draw hands on some sheets or read analogue time and write it as digital. Three levels of difficulty: Half past Quarter hours Ten minutes	http://www.abcya.com/months_of_the_year.htm Pupils can play 'stop the clock' http://coolsciencelab.com/stop_the_clock_harder.html
15/01/21	✓ Estimate and read time with increasing accuracy to the nearest minute; record and compare	'am pm situations' Discuss these statements with the class, are they AM or PM.	They are going to create their own daily routine using storyboard sheets. They must include either digital or analogue time along with	Share some of the events that pupils have included and discuss whether there are any conflicting ideas about when

	time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight		a description of what they are doing and a picture. Ensure the time is completed as a priority. There are three sheets available (4, 6 and 8 boxes) for pupils to create a daily routine including time. They can write time in analogue or digital and may add a picture of each part of their routine.	these occur. Are they afternoon, morning, evening.