**Maths Medium Term Planning**

**Year Four**

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| **WR Block: Time** | **Summer Term** |
| **National Curriculum Objectives** | **Small Steps** | **Prior Learning** | **Future Progression** |
| * Read, write and convert time between analogue and digital 12- and 24-hour clocks.
* Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.
 | * Years, months, weeks and days
* Hours, minutes and seconds
* Convert between analogue and digital times
* Convert to the 24 hour clock
* Convert from the 24 hour clock
 | **Y3:*** Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.
* Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such aso’clock, a.m./p.m., morning, afternoon, noon and midnight.
* Know the number of seconds in a minute and the number of days in each month,year and leap year.
* Compare durations of events [for example to calculate the time taken by particularevents or tasks].
 | **Y5:*** Solve problems involving converting between units of time
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| **Key Vocabulary****New Vocabulary:**leap year, millennium, noondate of birth, timetable, arrive, depart | **Key Vocabulary:****Previous Year Group:**Century, calendar, earliest, latesta.m., p.m. Roman Numerals12-hour clock time, 24-hour clock time | **Stem Sentences**There are \_\_\_ days in the month of \_\_\_.There are \_\_\_ months in the year.There are \_\_\_ days in the year/ leap year.One day = \_\_\_ hours, so in \_\_\_ days there are \_\_\_ X \_\_\_ = \_\_\_ hours.The time is after/ before noon/ midday, so it is \_\_\_ a.m/ p.m.To convert to the 24-hour digital clock, I add \_\_\_ to the hours if the time is between \_\_\_ and \_\_\_. To convert from a 24-hour digital clock, I subtract \_\_\_\_ from the hours.  |
| **Concrete, Pictorial, Abstract Models/ Calculations**  |