**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 as o’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 particular events or tasks]. | **Y5:**   * Solve problems involving converting between units of time |
| **Key Vocabulary**  **New Vocabulary:**  leap year, millennium, noon  date of birth, timetable, arrive, depart | **Key Vocabulary:**  **Previous Year Group:**  Century, calendar, earliest, latest  a.m., p.m. Roman Numerals  12-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** | | | |