	Year: 4	Subject: Maths
	Title: Time	

What key knowledge do I need to have before this unit?

I can calculate in years, month and days.
I can calculate hours, minutes and seconds.
I can convert between analogue and digital.
I can convert to the 24 hour clock.
I can convert from the 24 hour clock.

Key outcomes:

What I need to know by the end of this unit of work:

1) I can calculate in years, months and days.
2) I can calculate hours, minutes and seconds.
3) I can convert between analogue and digital.
4) I can convert to the 24 hour clock.
5) I can convert from the 24 hour clock.

National Curriculum Links:	Key Vocabulary:	Definition:
Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days. Read, write and convert time between analogue and digital 12- and 24-hour clocks.	1. Year 2. Month 3. Day 4. Hours 5. Minutes 6. Seconds 7. Analogue 8. Digital	1. 365 days. 2. 12 months in a year 3. 24 hours in a day 4. 60 minutes in an hour 5. 60 seconds in a minute 6. A measurement of time. 7. A clock face with 12 numbers and a minute and hour hand. 8. Time displayed as numbers.

Time

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
• sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] • recognise and use language relating to dates, including days of the week, weeks, months and years • tell the time to the hour and half past the hour and draw the hands on a clock face to show these times	• compare and sequence intervals of time • tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times • know the number of minutes in an hour and the number of hours in a day	• 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]	• 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	• solve problems involving converting between units of time	• use, read, write and convert between standard units, converting measurements of time from a smaller unit of measure to a larger unit, and vice versa Note – In the WRM schemes, time conversions are covered in Y5; the Y6 block concentrates on metric units.
Summer 6	Summer 2	Summer 3	Summer 3	Summer 5	Autumn 5