Year 3 Maths: Measurement - Time

What should I already know?

- To know how to compare and sequence intervals of time
- To 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
- To know the number of minutes in an hour and the number of hours in a day

Key Knowledge

Tell and write the time from an analogue (and digital) clock, inc Roman numerals from I to XII, and 12-hour and 24-hour clocks:

Roman numerals

Analogue





3:50

Quarter past 12

50 minutes past 3 10 minutes to 4

Quarter past 4



the nearest minute:

12 minutes past 6



16 minutes to 2

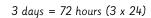
Know the number of seconds in a minute and the number of days in each month, year and leap year (inc converting):

minute = 60 seconds; 1 hour = 60 minutes; 1 day = 24 hours; 365 days in a year; 366 days in a leap year; 12 months in a year. Days in each month:

Using the bar model:



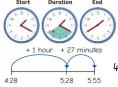
4 minutes 31 seconds = 271 s





Estimate and read time with increasing accuracy to

Compare durations of events: (inc start and end times)







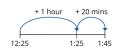
finish

4:28am to 5:55am





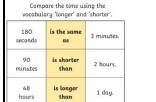
End time: 12:25am + 1hour 20min

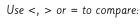


Use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight

See vocabulary list for definitions.

Record and compare time in terms of seconds, minutes and hours:









Key Vocabulary and definitions

Reg Vocabalary and definitions	
Analogu	A clock or watch that has moving
e	hands and (usually) hours marked
	from 1 to 12.
am	Ante meridiem = before midday =
	morning
12- hour	Where the 24 hours of the day are
time	divided into two periods: a.m.
	and p.m.
24- hour	Time which begins the day at
time	00:00 and ends at 23:59, (24:00
	can be used to refer to 00:00 of
	the following day)
Digital	A clock in which the hours,
	minutes, and sometimes seconds
	are indicated by digits.
Leap	Occurs every 4 th year making 366
year	days. February has 29 days
	instead of 28 in a leap year.
Midday/	The middle of the day; Twelve
Noon	o'clock in the day
Midnight	Twelve o'clock at night
Month	12 periods into which the year is
	divided.
O'clock	Used to specify the hour when
	telling the time e.g. 5 o'clock.
pm	Post meridiem = after midday =
	afternoon
Roman	Symbols used in a system of
numerals	numerical notation based on the
	ancient Roman system.
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