Maths - Year 2

Measurement 7: Telling the time and adding and subtracting with units of time

Key Vocabulary

Clock	A device used to tell time.
Hour	A unit to measure time.
Minute	A unit to measure time. 60 minutes = 1 hour
Words relating to time	Half past, quarter to, quarter past, o'clock.
Hour hand	The shorter hand of the clock that points to the hours.
Minute hand	The longer hand of the clock that points to the minutes.
Clockwise	The direction that the hands on a clock turn.
Comparative language	Earlier, later, before, after.

Mathematical Skills

- Understand the roles of the short (hour) and long (minute) hands on a clock.
- Understand that the hour and minute hands move at different speeds.
- Recognise and show 'o'clock', 'half past', 'quarter past' and 'quarter to' times on an analogue clock.
- Understand that the numbers on a clock face refer to the hours and that the minute numbers are not shown.
- Count in five minute intervals around the clock.
- Tell the time to the nearest five minute interval.
- Calculate simple time intervals such as an hour earlier and later.

Mathematical Methods

- Telling the time: quarter past.
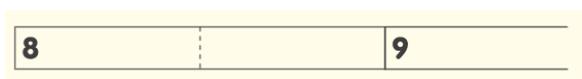
Half past
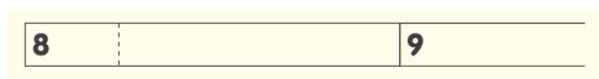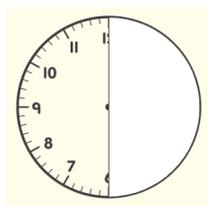
Quarter past
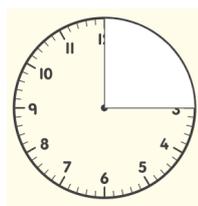
- Telling the time: quarter to.   Understand the relationship between the numbers on the clock e.g. 3 is half of 6, and 6 is half of 12. 12 divided into four is 3, and three lots of 3 is 9. So three quarters of 12 is 9.
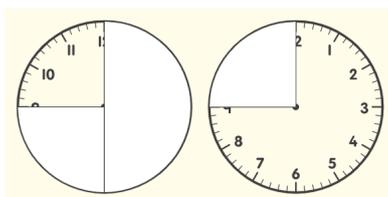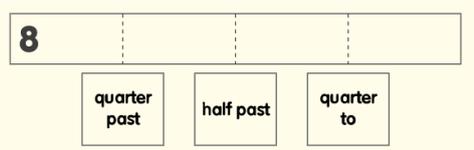
- Understanding how many minutes in an hour, half an hour and a quarter of an hour.
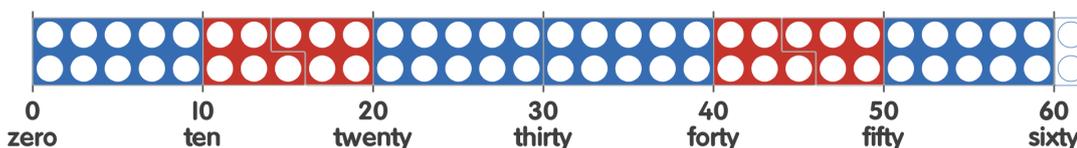
- Telling the time in 5 minute intervals.
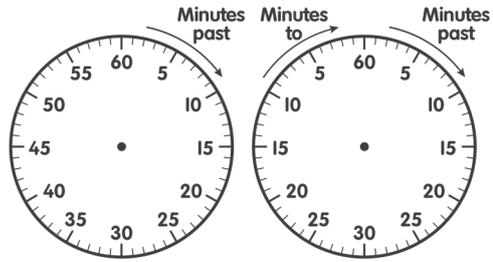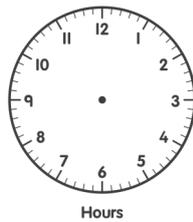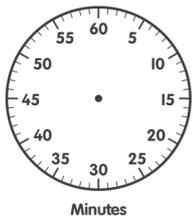
- How many hours earlier or later? E.g. I wake up at seven o'clock and leave home to visit friends at eleven o'clock. How long have I been awake before leaving the house?

Can you..?

- Can you use the clock to show me quarter past 6? Now can you show me quarter to 10?

- If the minute hand is pointing to 7 and the hour hand is almost at 9, what time will it be?

- On Saturday I visit my friend. I arrive at 3 o'clock in the afternoon and leave at 8 o'clock in the evening. How long is my visit?