

# Maths – Estimating Time

Africa Class

Tuesday 19<sup>th</sup> May

## Estimating time

Discover



- I**
  - a) How can we estimate the time, even though the minute hand has fallen off?
  - b) What time do you estimate it is?

## Share

- a) The hour hand takes one hour to move between two numbers.

We can use its position to estimate what the time is.



At an o'clock time, the hour hand points directly at a number.



At a half-past time, it has moved to half-way between two numbers.



The hour hand has now passed the half-way point. I will use this to help me estimate!



- b) The hour hand is pointing half-way between the 10 and the 11.

We can estimate that the time is about half past 10.



## Think together

- 1 Use the position of the hour hand to estimate the time.



It is between the 6 and the 7. The time is after 6 o'clock and before 7 o'clock.



It has not reached the half-way point.  
It is before half past 6.

The time is about \_\_\_\_\_.

- 2 Here is part of a clock face.

Point to where you think the hour hand should be if the time is quarter to 4.



I am going to use  
my knowledge of  
fractions to help!



- 3 a) There are  minutes in one hour.  
Explain how you know this.



- b) We can use the small marks on the clock face to help us estimate the time.

The hour hand moves five small marks every hour.

How many minutes is each small mark worth?



I need to know  
the number of  
minutes in an hour  
to work this out.



# Your turn!

- Have a go at the Power Maths questions I have attached.
- Try to get as far as you can - it gets more challenging, the more questions you complete!
- The answer are at the bottom.

