



Maths

Measurement



Aim

- I can measure and record time in seconds.

Success Criteria

- I can measure time in seconds.
- I can record my measurements.

Time



Time is measured in years, months, weeks, days, hours, minutes and seconds.



1 day is made up of **24 hours**.

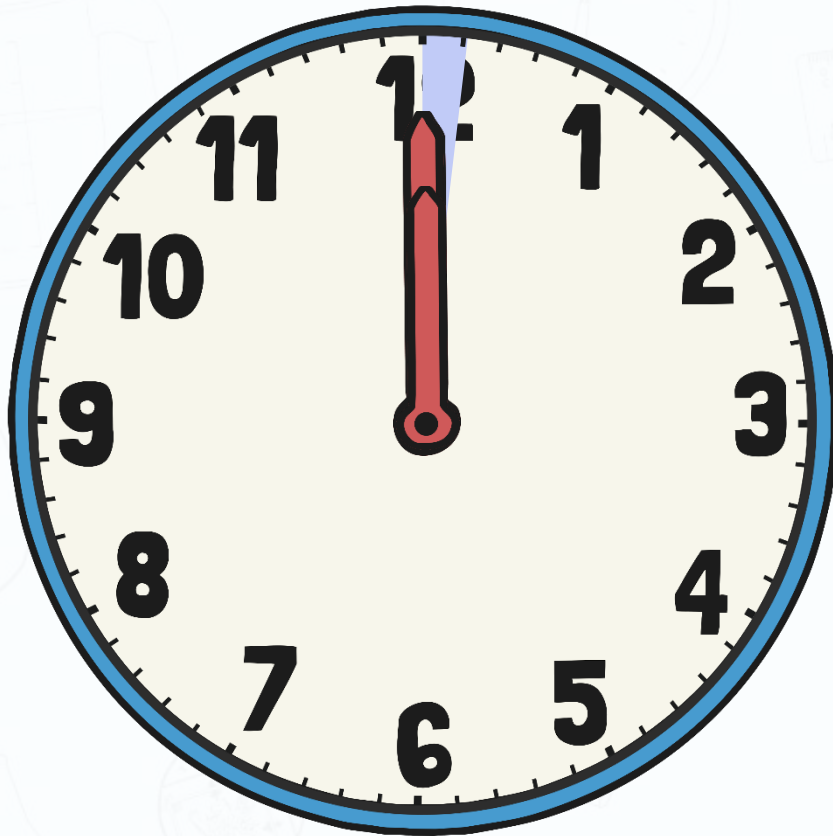
1 hour is made up of **60 minutes**.

1 minute is made up of **60 seconds**.

Time



We use clocks to tell us about the hours, minutes and seconds in a day.



It takes one hour for the big hand to travel all the way around the clock. We call this the minute hand.

Each minute, the big hand goes past another little mark on the clock.

The small hand takes 12 hours to travel all the way around the clock. This hand tells us what hour it is closest to. We call this the hour hand.

The second hand takes a minute to go round the clock once. At each interval that is 1 second.

Time



An hour is quite long. There are 24 hours in a day. It takes about an hour to have a maths lesson.

A minute is quite short. There are 60 minutes in one hour. It takes about a minute to put your shoes on.

A second is very short. There are 60 seconds in a minute. It takes about a second to click your fingers, or take a breath.

Today we are going to learn about seconds.



Seconds



How many seconds will it take for all of you to stand up, stretch up high, touch your toes and sit down again?



Seconds



How many seconds will it take for all of you to stand up, do a star jump and sit down again?



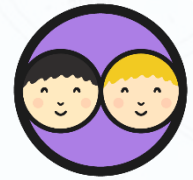
Seconds



How many seconds will it take for all of you to stand up, say hello to five different people and sit down again?









How Many Seconds?



How Many Seconds?

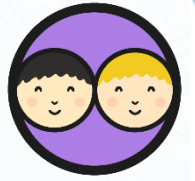
I can measure and record time in seconds.

Use a stopwatch to time yourself and your partner completing these activities.

Activity	How long did it take in seconds?	
	You	Your partner
20 hops 	_____ seconds	_____ seconds
15 skips with the skipping rope 	_____ seconds	_____ seconds
5 marches on the spot 	_____ seconds	_____ seconds
10 frog jumps 	_____ seconds	_____ seconds
10 star jumps 	_____ seconds	_____ seconds
20 catches of a bean bag 	_____ seconds	_____ seconds



10 Second Challenge



Can you name five animals in 10 seconds?



Click the timer for a 10 second countdown.

10 Second Challenge



Can you balance a rubber on your head for 10 seconds?



Click the timer for a 10 second countdown.

