

Wednesday 20th May

L.K: To convert time between hours and minutes, minutes and seconds.

We have covered telling the time in digital, analogue, 12 and 24 hour clocks. Now we are going to develop this skill and move onto converting times between hours and minutes and minutes and seconds.

The key vocabulary is below, make sure you learn it!

Hour – An hour is a unit of time in which there are 60 minutes. An hour is a full trip around an analogue clock for the hour hand.

Minute – A minutes is a unit of time that contains 60 seconds. A minute is a full trip around an analogue clock for the second hand.

Second – A second is a small unit of time and the smallest that we use in primary school.

Different units of time are useful for certain things around us. If the amount of time we are describing is small, we might use seconds. If it is a medium amount of time, we would use minutes and if it is a longer amount of time we would use hours.

Can you match the units of time to the activity below?

- 1) The time it takes to walk upstairs.
- 2) The time it takes to watch a film.
- 3) The time it takes to fly to Spain.
- 4) The time it takes to take a breath.
- 5) The time it takes to watch a football match.

We can calculate how many seconds are in an amount of minutes by multiplying the 60 seconds in one minute by the amount of minutes to have. For example, 3 minutes would equal 180 seconds as $60 \times 3 = 180$.

We can do the same with minutes and hours by multiplying the amount of hours by 60. 4 hours = 240 minutes as $4 \times 60 = 240$.

To work out how many hours are in a certain amount of minutes or how many minutes are in a certain amount of seconds we would have to divide by 60 instead.

Activity #1

Match the amounts of time to each other.

3 hours	1 minute	60 minutes
1 hour	2 minutes	120 minutes
2 hours	3 minutes	4 minutes
4 hours	240 minutes	5 minutes
120 seconds	180 seconds	60 seconds
360 seconds	240 seconds	180 minutes

Activity #2

	Minutes	Seconds
1)	2 minutes, 15 seconds	
2)		71 seconds
3)		66 seconds
4)	1 minute, 48 seconds	
5)		118 seconds
6)	3 minutes, 29 seconds	

	Hours	Minutes
7)	1 hours 13 minutes	
8)		89 minutes
9)	2 hours 45 minutes	
10)	3 hours 27 minutes	
11)		192 minutes
12)		158 minutes