



### **Our vision**

Every child is supported at home to fulfil their potential

### **Our mission**

To motivate and empower families to have enjoyable learning experiences together



hello@learningwithparents.com



@Learn\_Parents and @Maths\_Parents



@MathswithParents

[www.learningwithparents.com](http://www.learningwithparents.com)

# Empower your families to enjoy learning about time at home

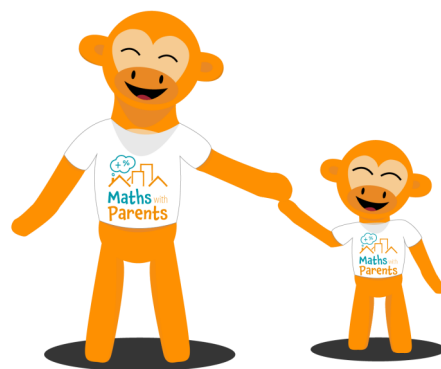


At Learning with Parents, we understand that teachers cannot be wholly responsible for their pupil's progress - **children also need to be supported at home to fulfil their potential.**

Teaching topics such as 'time' can be particularly challenging for teachers as there is so much variation in children's prior knowledge.

This pack provides teachers with **home-learning resources to give to the families in their class.**

In the pack teachers will find 'make your own clocks' as well as prompt questions for parents to use and **engaging, offline activities** for them to complete with their child at home.



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## Make your own clock

We have provided 3 'make your own clocks' - 12 hour clock, 12 hour clock with 5 minute intervals labelled and a 24 hour clock.

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Prompt questions for parents to use and 2 activities for them to complete with their child at home.

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## Telling the time to the nearest 5 minutes

Prompt questions for parents to use and an activity for them to complete with their child at home.

## Telling the time to the nearest minute

Prompt questions for parents to use and an activity for them to complete with their child at home.

## Understanding the 24 hour clock

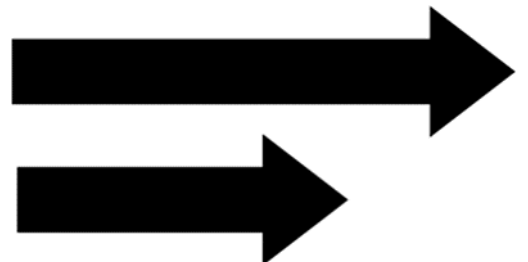
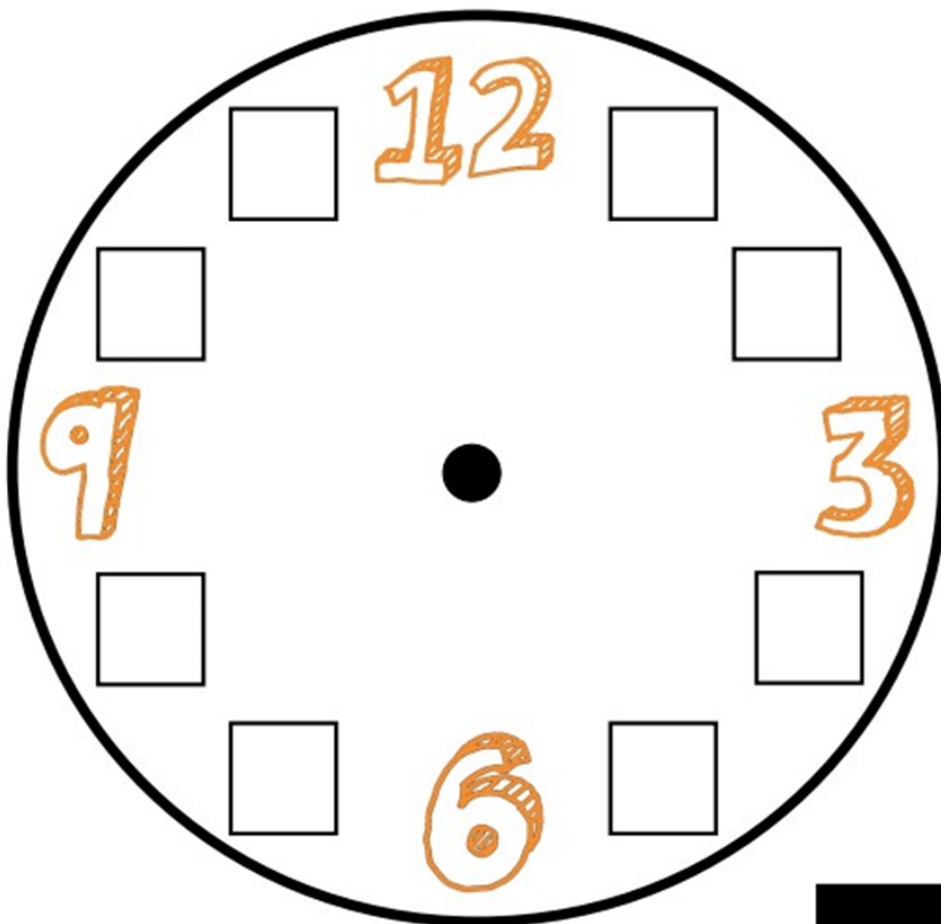
Prompt questions for parents to use and an activity for them to complete with their child at home.

## Certificate

A certificate for you to award to families who complete the activities.

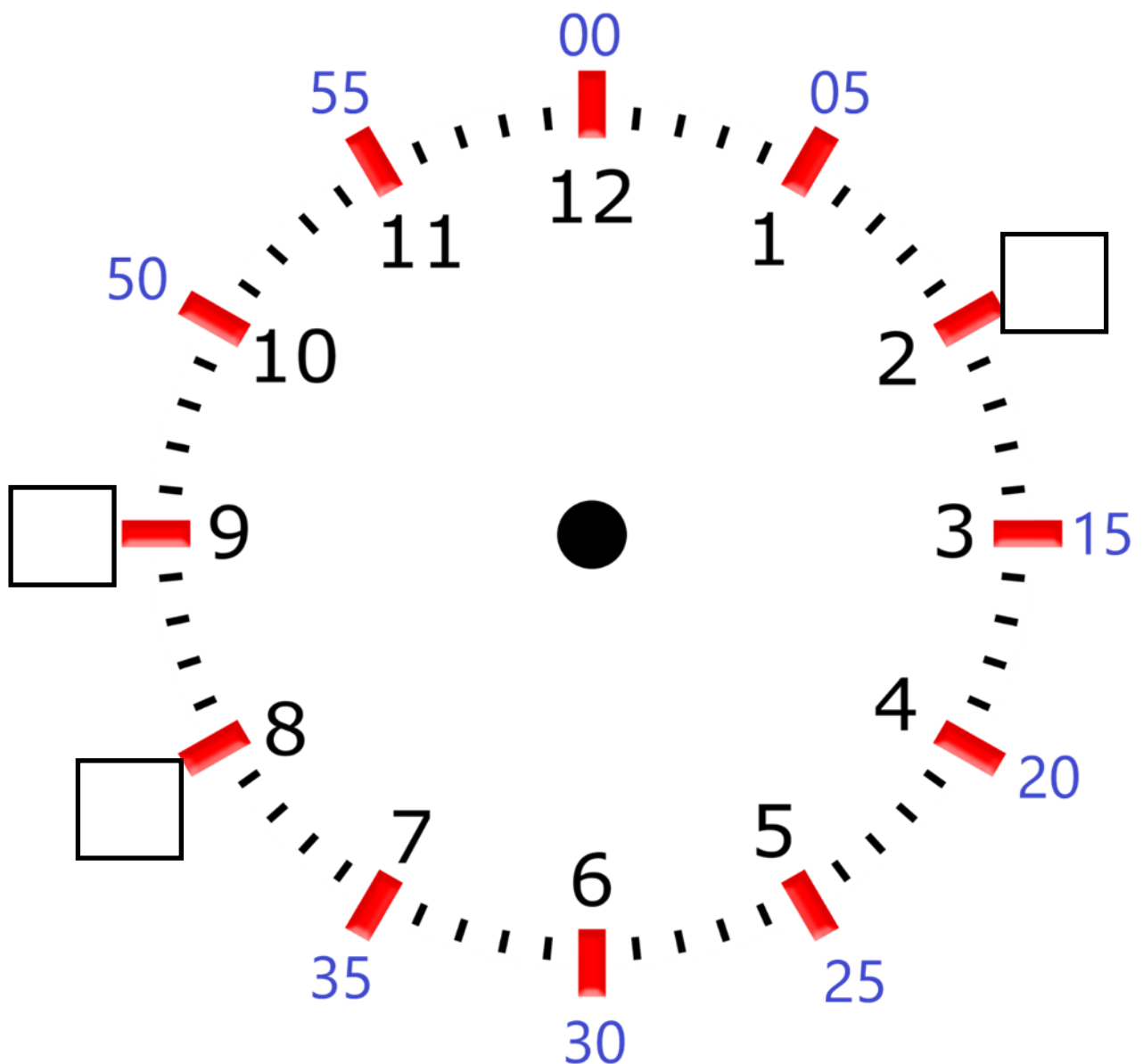
# Make a clock!

1. Fill in the missing numbers.
2. Cut out the clock and the hands.
3. Fix them together with a split pin (or carefully with a pencil if you don't have a pin).
4. Use your clock to practice different times and to help you with the other activities!



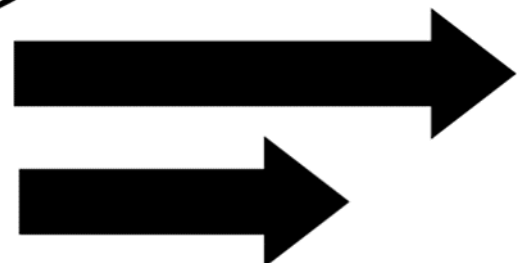
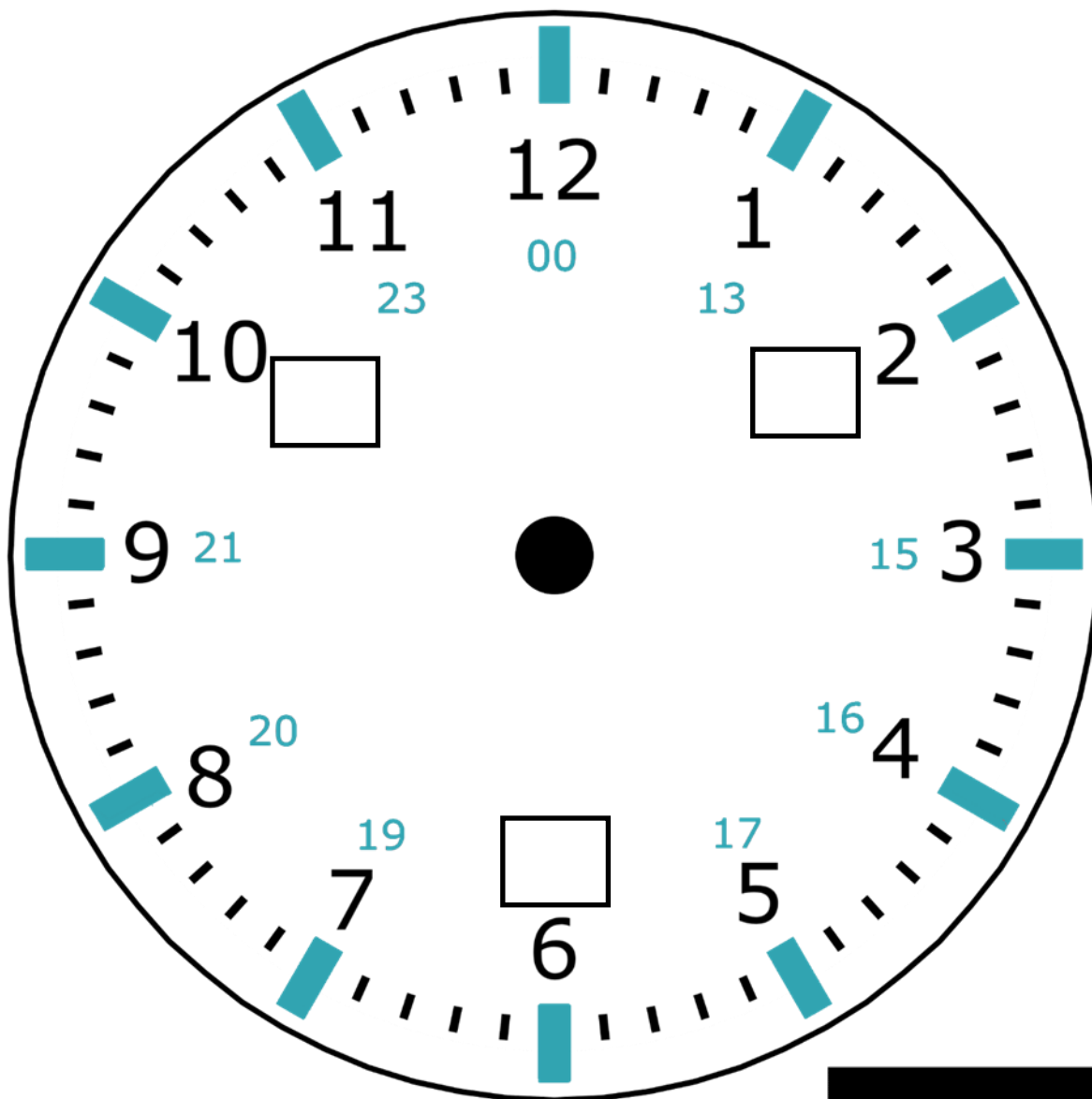
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# Days of the week, months of the year and sequencing events

These prompt questions will support you in helping your child to learn the days of the week, months of the year and to sequence events.

When you first woke up this morning, what did you do?  
Then, what did you do?  
After that, what did you do?

Do you know how many days there in the week?  
Shall we count them together?  
What is the day today?  
So, what day is tomorrow?  
What day was it yesterday?  
What day do you have fish for dinner?  
What days of the week are at the weekend?

How many months are there in a year?  
Which months have cold weather?

How long would it take to run around the room?  
Would it take more or less time to run around the school playground?

# Days of the week, months of the year and sequencing events

## Time Trials

Challenge your child to do an action such as stand on one leg or hopping on the spot.

Use a stopwatch (you can use the one on your phone) to time how long they did it for.

Ask them how long they think it was and compare it with the actual time.

Can they guess how long it will take them to run around the room or do another activity?

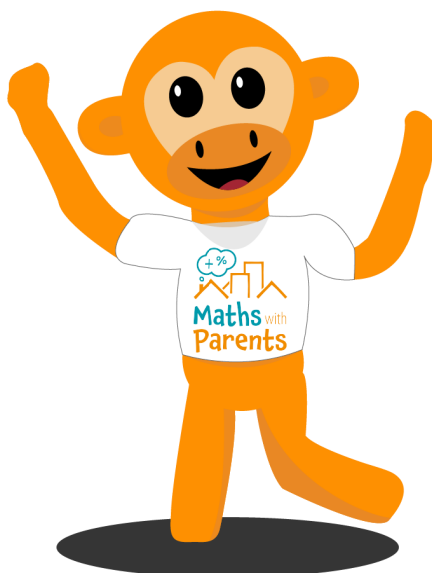


## First, then, now

Talk about events with your child in order of **first, then, and now.**

What was the first thing you did this morning?  
What was the next thing you did? What did you do after that? What are you doing now?

You can even use your favourite story and talk about what happens in order.





# O'clock, half past, quarter past and quarter to

These prompt questions will support you in helping your child to learn to tell the time.

Do the numbers 1-12 around the clock show us minutes or hours?

Which hand is the hour hand? What does the hour hand show us?

Which hand is the minute hand?

If the minute hand is pointing straight up at the 12 what does this tell us?

If the minute hand is pointing straight down at the 6 what does this tell us?

When the hour hand is pointing between two numbers can the time be o'clock?

If the minute hand is on the 3 what does this tell us?

If the minute hand is on the 9 what does this tell us?

# O'clock, half past and quarter past and quarter to

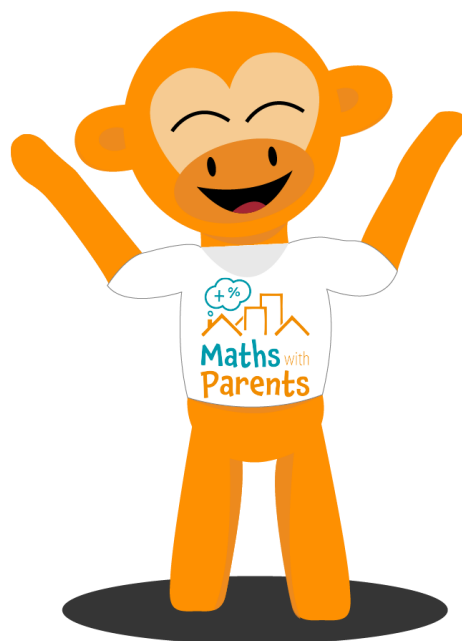
## Race around the clock

For this activity you will need a coin and an analogue clock.

Move both hands to the 12 o'clock.

Flip the coin to see if you should move the clock forward by an hour (heads) or half an hour (tails).

How many flips does it take you to get to 6 o'clock?



# Time to the nearest 5 minutes

These prompt questions will support you in helping your child to learn telling the time to the nearest 5 minutes.

If I want to know how many minutes past the hour it is, which hand of the clock should I look at?

Which numbers on the clock should I look at?

Is there a better way of counting all the minutes around the clock? (*tip: encourage your child to use the knowledge of counting in 5's*)

When it is closer to the next hour you should use "to" and not "past." How could you work out how many minutes "to" it is?

Think about your half and quarter times - is there another way of saying 45 minutes past 1?

How many minutes will have passed if my minute hand goes all the way around the clock?

Is there another way of saying 60 minutes?

How many minutes will have passed if my minute hand is on the 11?

# Time to the nearest 5 minutes

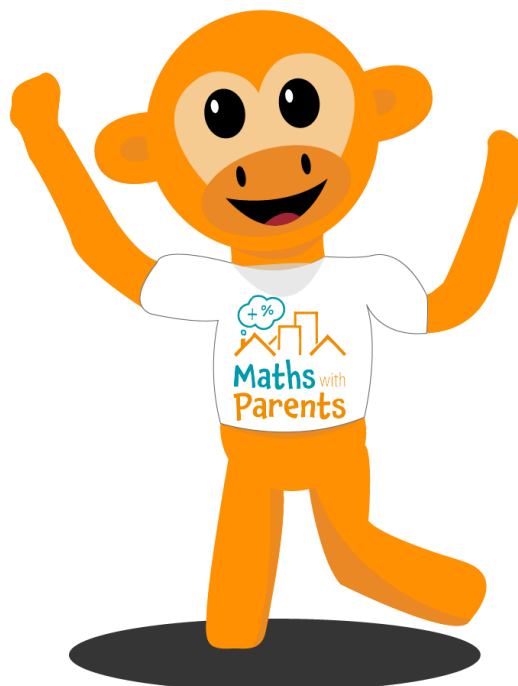
## Time for fun

Write a plan of fun things that you are going to do for the rest of the day.

Include all of the times to the nearest 5 minutes.

Include times that you can say in more than one way, such as "15 minutes to 6."

Check your clock so that you don't miss any of the fun things planned!



# Time to the nearest minute

These prompt questions will support you in helping your child to learn to tell the time to the nearest minute.

Which numbers around the clock shows us the minutes?

Which numbers around the clock shows us the hours?

How many minutes are there in each interval? (*tip: count the five markings between each number with your child.*)

If it says 3:54 on the digital clock what would the analogue clock look like?

If the time is 12.56 can you tell me how many more minutes until 1 o'clock?

Is there a better way of counting all the minutes around the clock? (hint: encourage your child to use the knowledge of counting in 5's and then add on any extra minutes)

How many minutes will have passed if my minute hand started on the 3 and ended on the 12?

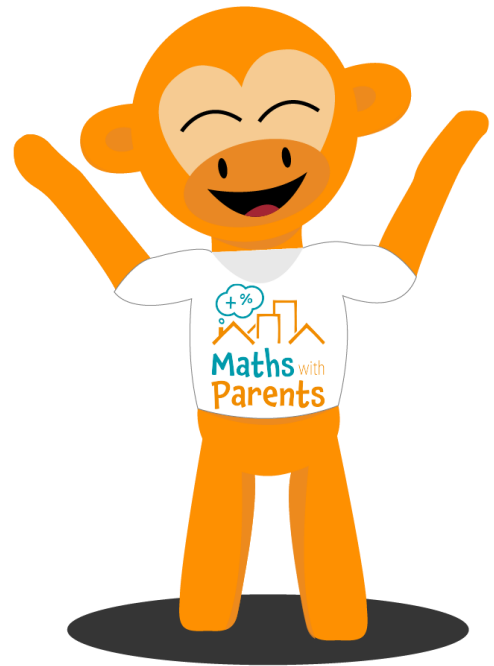
# Time to the nearest minute

## Race around the clock

For this activity you will need a die. You can use a physical one or an online one. You will also need an analogue clock.

This is a two-player game. Start with both hands on the 12 o'clock. Roll the dice, then move the time forward by the number of minutes it shows.

How many rolls does it take you to get to 3 o'clock?



# Understanding the 24 hour clock

These prompt questions will support you in helping your child to understand the 24 hour clock

How many hours are there in a day?  
What would you be doing at midday?  
What would you be doing at midnight?  
How many parts of the day are there in the 12 hour clock?  
(before midday and after midday)  
What does AM mean?  
What does PM mean?  
Look at some digital times. Which digits show the hour?  
Which digits show the minutes?

## **Explaining the 24 hour clock:**

The 24 hour clock is different because it shows how many hours have passed from midnight. Let's look at our 24 hour clock. The hours in the morning (AM) are the same as the 12 hour clock but after midday it carries on counting and we do not use PM. 1pm is 13 hours past midnight. 2pm is 14 hours past midnight. Cover up some of the 24 hour numbers on the clock and ask your child...

What would 4pm be in the 24 hour clock?  
What would 9pm be in the 24 hour clock?

After midday if you want to convert from a 12 hour clock to a 24 hour clock you need to add 12 hours.

Let's try:

2pm in the 24 hour clock -  $2 + 12$

6pm in the 24 hour clock -  $6 + 12$

What do you think you would need to do if you wanted to convert from the 24 hour clock to the 12 hour clock?

How would you convert 5:30pm to the 24 hour clock?  
Which digits will change?

How would you convert 21.45 to the 12 hour clock? Which digits will change?

# Understanding the 24 hour clock

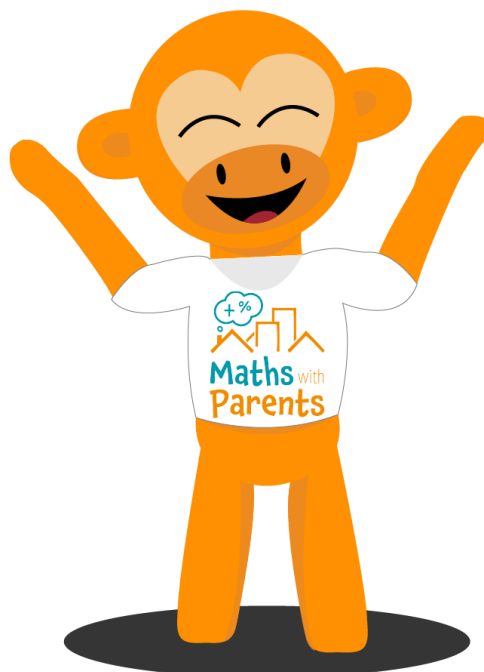
## Tick Tock

Look at the times below:

Noon 6pm 13:15  
20:00 4.30am 17:00

Can you put these times in order from earliest to the latest?

Think about your day. What were you doing, or what will you be doing, at these times?







# Congratulations!

Well done for taking part in the *Time* activities at home!