

# Year 2 Maths Pack -

## Measurement: Time

Please Note: Extensions and ideas in the 'notes and guidance' and 'mathematical talk' areas are optional not essential.

New guidance when each part of the learning changes is included to assist parents with each lesson.

## Lesson 1 Monday 11th May:

- Find out the dates of everyone's birthday in your family.
- Order the dates of birthdays from the beginning of the year to the end.
- Work out how many months there are between each birthday.

### **EXTENSION:**

Which season would each birthday be in?

## Guidance and Ideas For Parents

### Telling Time to 5 Minutes

#### Notes and Guidance

Children read and show analogue time to 5-minute intervals. Children should be confident at counting from 0 to 60 in steps of 5 so they can then apply this to counting around the clock in fives and use this method to work out what time is shown.

Children need to recognise that once the minute hand gets past 6 the time is described as 'to' the next hour, rather than 'past' the hour.

#### Mathematical Talk

How many minutes are there between each pair of numbers on a clock?

How many different ways can you count round the clock?

Where will the minute hand be at \_\_\_\_? Where will the hour hand be at \_\_\_\_?

How do we know whether it is a 'past' or a 'to' time?

Can you show \_\_\_\_ past/to \_\_\_\_?

## Lesson 2 Tuesday 12th May:

### Activity 1

Create your own clock face.

You can do this by cutting out a circle and writing numbers 1-12 on it.

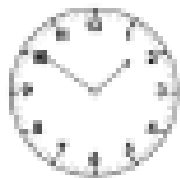
Draw the times below on your clock, each in a different coloured pencil (or you can choose your own times to show)

- 5 past 10
- 25 past 3
- 5 to 9
- 20 to 6

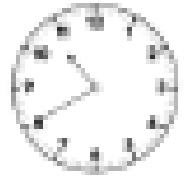
### Activity 2

Match the times to the correct clock.

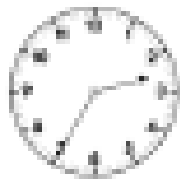
20 past 6



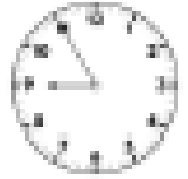
5 to 9



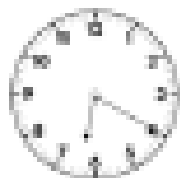
10 to 2



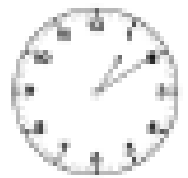
20 to 11



25 to 3

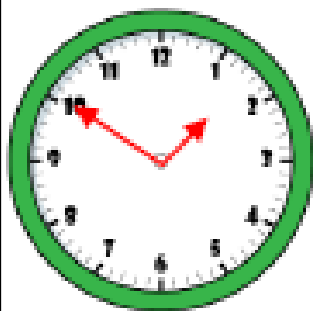


10 past 1



## Lesson 3 Wednesday 13th May:

### Activity 1



Dora

It is ten to one.



Amir

It is ten past ten.

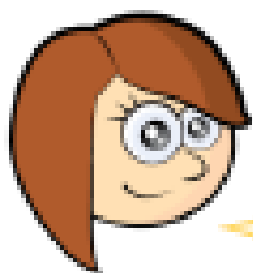


Alex

It is ten to two.

Who is correct? Explain your answer.

### Activity 2

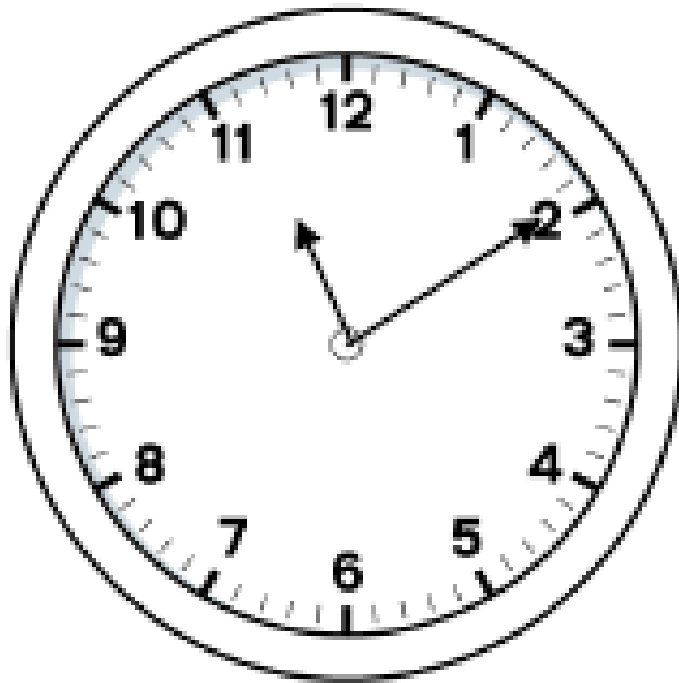


Four lots of 5 minutes is the same as quarter of an hour.

Do you agree with Rosie? Explain why.

### Activity 3

Sophia starts her Maths questions at 10 past 11



Each question takes her 5 minutes to complete.

She completes 7 questions.

What time does Sophia finish her Maths questions?

Explain how you found the answer.

## Guidance and Ideas For Parents

### Hours and Days

### Notes and Guidance

Children learn that there are 24 hours in a day and 60 minutes in an hour.

Children use clocks to convert minutes to hours and minutes. Children should be encouraged to use their knowledge of counting in fives to help them convert.

### Mathematical Talk

How many hours are there in a full day?

How many minutes are in an hour and a half? How could we calculate this?

Could we count in half an hours? How many half an hours are in one hour?

How many half an hours will there be in two hours?

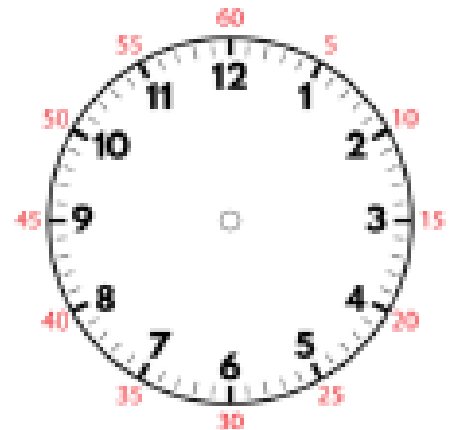
## Lesson 4 Thursday 14th May:

### Activity 1

Using the clock, show how many minutes there are in 1 hour.

1 hour = \_\_\_\_\_ minutes

How many minutes would there be in 2 hours?



### Activity 2

Match the bars to the times.

60 minutes
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60 minutes	60 minutes
------------	------------

60 minutes		
------------	--	--

60 minutes	10	
------------	----	--

90 minutes
------------

70 minutes
------------

120 minutes
-------------

2 hours
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1 hour
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### Activity 3

Create your own bars (like above) for the times:

- 10 minutes
- 20 minutes
- 80 minutes
- 100 minutes



## Lesson 5 Friday 15th May:

### Activity 1

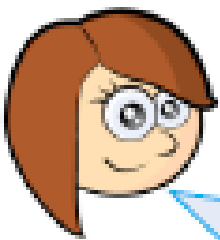


Tommy

There must be 12 hours in a day because we start from midnight and go up to 12 o'clock then start again from 1

Do you agree with Tommy? Explain why.

### Activity 2

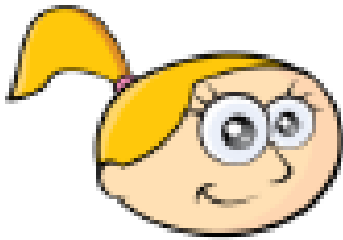


Rosie

If you add three hours onto the current time, the amount of minutes to/past the hour do not change.

Do you agree with Rosie? Prove it.

## EXTENSION



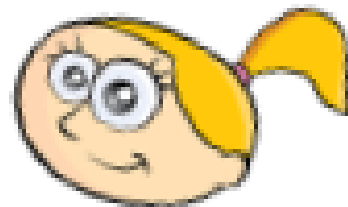
Eva

The day starts at 12 o'clock and ends at 12 o'clock.

Here are Eva's calculations for working out how many hours there are in a day.

12	6	12	6	12
1	7	1	7	
2	8	2	8	
3	9	3	9	
4	10	4	10	
5	11	5	11	

I counted them up, and there are 25 hours in a day.



What mistake has Eva made?