Reasoning and Problem Solving
Time – Year 2

About This Resource

This resource is aimed at Year 2 Expected and has been designed to give children the opportunity to consolidate the skills they have learned in Summer Block 3 Time.

The questions are based on a selection of the same 'small steps' that are addressed in the block, but are presented in a different way so children can work through the pack independently and demonstrate their understanding and skills.

Small Steps

O'clock and half past
Quarter past and quarter to
Telling time to 5 minutes
Minutes in an hour, hours in a day
Find durations of time
Compare durations of time

National Curriculum Objectives

Mathematics Year 2: (2M4b) Compare and sequence intervals of time
Mathematics Year 2:(2M4a) Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times

Did you like this resource? Don't forget to review it on our website.

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Splish, Splash, Tick and Tock!

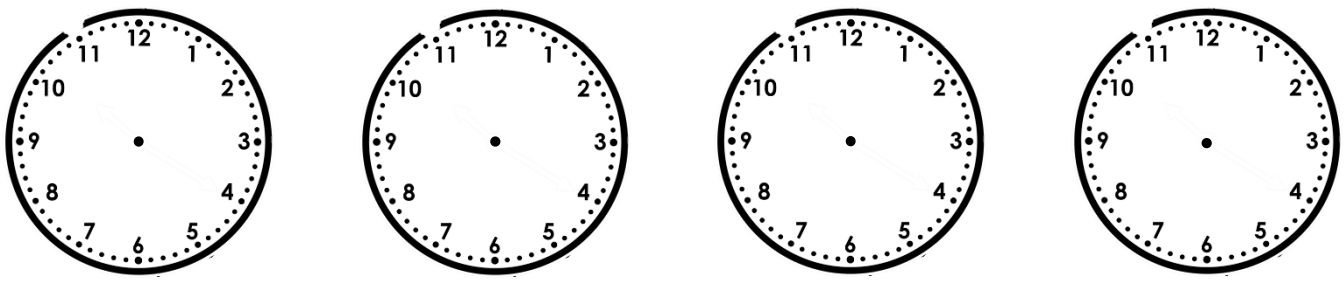


You are in charge of managing time at the local swimming pool and sports centre.
From parties to pool-time, gymnastics to ping pong and babies to daddies, everyone will stick to your time plan!

PARTY TIME!

1. The pool parties all happen on a Sunday afternoon. The children have half an hour to change, half an hour of swim time, half an hour to change again, half an hour to eat and half an hour to play in the play-gym. The party start times are written below can you draw the time on the clocks to go on the website.

12 o'clock	half past one	3 o'clock	half past four



2. Use the times below to complete the invitation for a pirate themed party.



Come to my swimming party!

Dear _____



My party starts at half past one. We will be very busy...

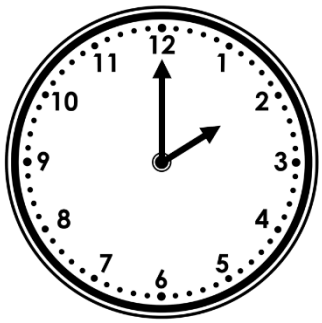


Swim time		Meal time	
Changing time		Play time	

3 o'clock	1 o'clock	half past 3	half past 2	2 o'clock

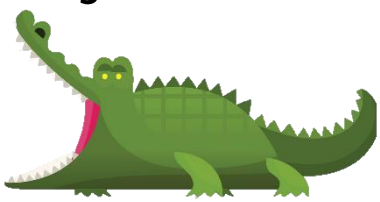
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A guest has lost their invite! They know their party is the next one this afternoon, but have forgotten when it starts.



3. Look at the clock, what time does the next party start?

Baby Pool Treat Time



Every quarter of an hour the inflatable crocodile is placed into the baby pool for 5 minutes as a special treat!



4. How many times in one hour does Croccy visit?

One parent wants to know when Croccy's next visit will be. Look at your watch.

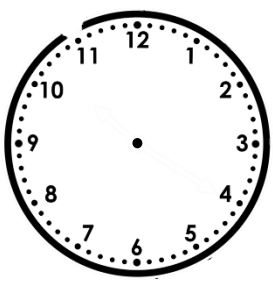


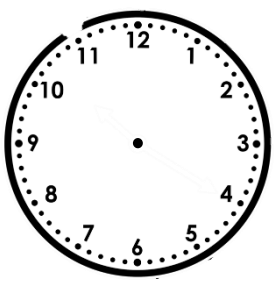
5. What time is the next visit from croccy?

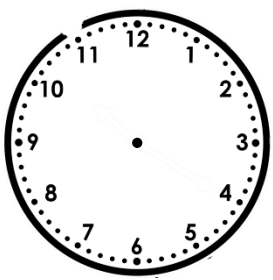
Wave Time Fun

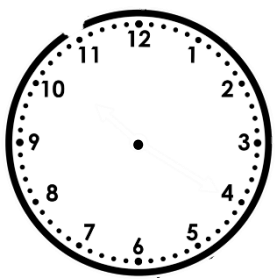
The main swimming pool has a wave machine which is turned on every quarter of an hour. It is now 10 o'clock.

6. Draw clock hands to show the next 4 times the wave machine will be on. Write the times underneath each clock.







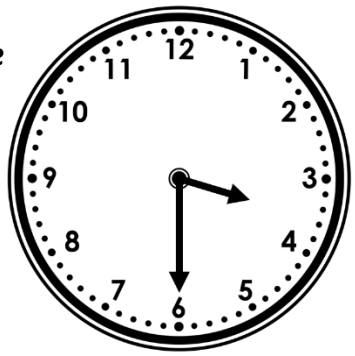


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Tommy is at the pool between half past three and quarter to five.

7. When will he have the wave machine?



Life Guards and Timetables

It takes one minute to walk all around the edge of the splash pool.

8. How many times can a lifeguard walk round the pool in one hour?



The water slide waiting time sign now says 5 minutes.

Tommy has just joined the queue and asks the life guard when he'll get to the front of the queue.

9. When will Tommy get his turn?



10. How many more turns can he have before quarter past 5?

The sports coaches have written how long each activity lasts. You need to write the duration in hours and minutes for the timetable.

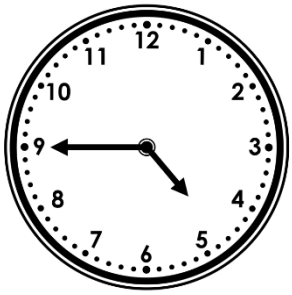
11. Complete the table to show how long each activity lasts in hours and minutes.

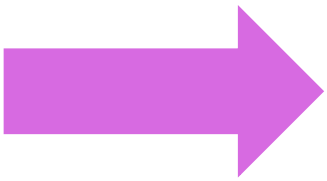
activity	minutes	hours and minutes
Zumba	90	
Ping Pong	85	
Climb Party	110	
Squash	120	

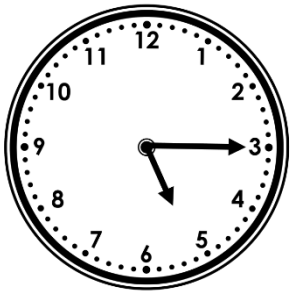
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Eurgh! UH OH! A baby has been sick in the pool at quarter to 5.
The life guard has said the pool will be ready to use again at quarter past 5.









12. How long did it take to clean the pool?

Tess the life guard was supposed to finish work at 5 o'clock but she stayed to finish cleaning the pool.

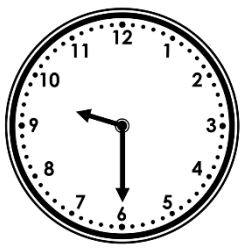
13. How much extra time did she work?



Gymnasia School Festival

You are organising a gymnastic festival for schools.
The length of each gym display is in the table below.

School	Length in minutes	Start Time
St. Bartholomews	15	
Oakmeadow	15	
Moorside	10	



The festival starts at half past 9.

There is a ten minute introduction, and 5 minutes between each school.

14. Complete the table to give each school a start time for their display.





You've finished all your jobs!
What will you do with your free TIME?





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1. 

2.

Swim time	2 o'clock	Meal time	3 o'clock
Changing time	Half past 2	Play time	Half past 3

3. 3 o'clock
4. 4 times per hour
5. Quarter past 2
6. 

Quarter past 10 | Half past 10 | Quarter to 11 | 11 o'clock

7. Half past 3, quarter to 4, 4 o'clock, quarter past 4, half past 4, quarter to 5
8. 60 times
9. At ten to 4
10. 5 more turns
11.

activity	minutes	hours and minutes
Zumba	90	1 hour 30 minutes
Ping Pong	85	1 hour 25 minutes
Climb Party	110	1 hour 50 minutes
Squash	120	2 hours

12. 30 mins (half an hour)
13. 15 mins (quarter of an hour)
14.

School	Length in minutes	Start Time
St. Bartholomews	15	9:40/twenty to ten
Oakmeadow	15	10:00/ten o'clock
Moorside	10	10:20/twenty past ten

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