

LIFE/work balance

# CLASSROOM *Secrets*

## #LIFEworkbalance

We have started a #LIFEworkbalance campaign and we need your help to complete our LIFE/work balance survey.

We hope to publish the results soon, so please give 15 minutes of your time to help us get a true picture of school life.

Want to be a part of this campaign? Take the [survey](#) on our website and share it with your colleagues!

## Year 3 – Summer Block 2 – Time – Start and End Times

### About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

### National Curriculum Objectives:

Mathematics Year 3: (3M4d) [Estimate and read time with increasing accuracy to the nearest minute](#)

Mathematics Year 3: (3M4f) [Compare durations of events \[for example to calculate the time taken by particular events or tasks\]](#)





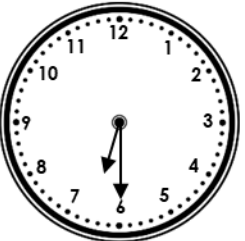

More [Year 3 Time](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

# Step 9: Start and End Times

## Introduction

Complete the table.

Start	End	Duration
		
		
		





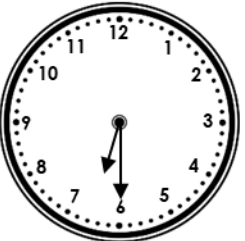

**25  
minutes**

**40  
minutes**

**30  
minutes**

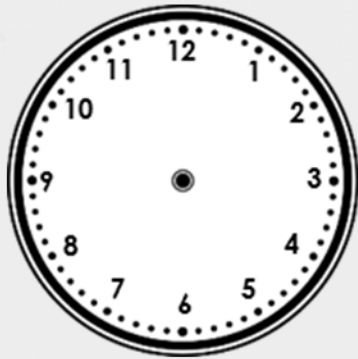
## Introduction

Complete the table.

Start	End	Duration
		<b>40 minutes</b>
		<b>30 minutes</b>
		<b>25 minutes</b>

Varied Fluency 1

English lasts for 1 hour 25 minutes. Complete the clock to show the start time.



start

12:45

end

## Varied Fluency 1

English lasts for 1 hour 25 minutes. Complete the clock to show the start time.



start

12:45

end

## Varied Fluency 2

I left home at 4:05pm and jogged for 1 hour 5 minutes. Circle the time that I arrived back home.

5:00pm

5:10pm

4:10pm



## Varied Fluency 2

I left home at 4:05pm and jogged for 1 hour 5 minutes. Circle the time that I arrived back home.

5:00pm

5:10pm

4:10pm

### Varied Fluency 3

Complete the table about summer camp activities.

Activity	Start time	Duration	End time
Obstacle course		75 minutes	11:15
Painting	11:25	1 hour 15 minutes	
Dodgeball	12:35	forty-five minutes	

### Varied Fluency 3

Complete the table about summer camp activities.

Activity	Start time	Duration	End time
Obstacle course	10:00	75 minutes	11:15
Painting	11:25	1 hour 15 minutes	12:40
Dodgeball	12:35	forty-five minutes	13:20

## Varied Fluency 4

Match the start times and duration to the correct end times.

**A. Bake Over**

**Start: 14:20**

**Duration: 1hr 50 mins**

**15:00**

**B. Fantastic Dragons**

**Start: 12:55**

**Duration: 1hr 15 mins**

**16:10**

**C. Eastend Street Omnibus**

**Start: 13:15**

**Duration: 1 hour 45 minutes**

**14:10**

## Varied Fluency 4

Match the start times and duration to the correct end times.

**A. Bake Over**  
Start: 14:20  
Duration: 1hr 50 mins

**B. Fantastic Dragons**  
Start: 12:55  
Duration: 1hr 15 mins

**C. Eastend Street Omnibus**  
Start: 13:15  
Duration: 1 hour 45 minutes

15:00

16:10

14:10

## Reasoning 1

Complete the table. Which programme is the odd one out?  
Explain your reasoning.

Programme	Start time	Duration	End time
Travelling Antiques	18:55	1 hour 15 minutes	
Star Rangers	7:50pm	1 hour 15 minutes	
Ladies in Lilac		1 hour 25 minutes	Five past eight

## Reasoning 1

Complete the table. Which programme is the odd one out?  
Explain your reasoning.

Programme	Start time	Duration	End time
Travelling Antiques	18:55	1 hour 15 minutes	20:05
Star Rangers	7:50pm	1 hour 15 minutes	9:05pm
Ladies in Lilac	Twenty to seven	1 hour 25 minutes	Five past eight

Star Rangers is the odd one out because ...

## Reasoning 1

Complete the table. Which programme is the odd one out?  
Explain your reasoning.

Programme	Start time	Duration	End time
Travelling Antiques	18:55	1 hour 15 minutes	20:05
Star Rangers	7:50pm	1 hour 15 minutes	9:05pm
Ladies in Lilac	Twenty to seven	1 hour 25 minutes	Five past eight

**Star Rangers is the odd one out because A and C both end at 5 past 8 at night.**



## Problem Solving 1

Joanne wants to know what time she arrived at the airport after a taxi journey. She left at 3:45am and the journey lasted between 30 minutes and 1 hour.

0		:		5
---	--	---	--	---



Using each card once, arrange the digit cards to show what time she could have arrived. Find 3 possible answers.

## Problem Solving 1

Joanne wants to know what time she arrived at the airport after a taxi journey. She left at 3:45am and the journey lasted between 30 minutes and 1 hour.

0		:		5
---	--	---	--	---



Using each card once, arrange the digit cards to show what time she could have arrived. Find 3 possible answers.

**Various possible answers; for example: 04:15, 04:25, 04:35, 04:45**

## Reasoning 2

Alyssa's coach arrived in London at 3.05pm. Her journey took an hour and five minutes.



**Alyssa**

The coach must have left at 16:10 because  $3 + 1 = 4$  which is 16 in a 24 hour clock and  $5 + 5 = 10$  minutes.

Is she correct? Explain your reasoning.

## Reasoning 2

Alyssa's coach arrived in London at 3.05pm. Her journey took an hour and five minutes.



**Alyssa**

The coach must have left at 16:10 because  $3 + 1 = 4$  which is 16 in a 24 hour clock and  $5 + 5 = 10$  minutes.

Is she correct? Explain your reasoning.

She is incorrect because ...

## Reasoning 2

Alyssa's coach arrived in London at 3.05pm. Her journey took an hour and five minutes.



**Alyssa**

The coach must have left at 16:10 because  $3 + 1 = 4$  which is 16 in a 24 hour clock and  $5 + 5 = 10$  minutes.

Is she correct? Explain your reasoning.

**She is incorrect because she has added 1 hour and 5 minutes instead of subtracting it to find the start time. The correct time is 2:00pm.**