Ready-to-go Lesson Slides Year 2

Time

Lesson 6

Sum1

At Third Space Learning we provide personalised online lessons from specialist maths tutors to support the target groups in your school.

These ready-to-go slides are designed to work alongside our interventions to supplement quality first teaching and raise attainment in maths for all pupils.

To find out more about how you could use our 1-to-1 interventions year-round to boost maths progress in your school then get in touch:

020 3771 0095
hello@thirdspacelearning.com

Boosting maths progress through 1-to-1 conversations…

THIRD SPACE LEARNING

To compare durations of time

❑ I can order times from longest to shortest, or shortest to longest
❑ I can compare durations of time taken by specific events
❑ I can use efficient ways to work out durations of time

Starter:

Which of these lasted the longest time? How do you know?

Alice started reading her book at 5 past 4 and finished at 10 to 5.

Riley helped to bake a cake. He started at half past 3 and finished at 20 past 4.

To compare durations of time

- ❏ I can order times from longest to shortest, or shortest to longest
- ❏ I can compare durations of time taken by specific events
- ❏ I can use efficient ways to work out durations of time

Starter:

Which of these lasted the longest time? How do you know?

Alice started reading her book at 5 past 4 and finished at 10 to 5.

Riley helped to bake a cake. He started at half past 3 and finished at 20 past 4.

start   duration   end

Alice spent 45 minutes reading her book.

Riley spent 50 minutes helping to make a cake.

So, Riley's activity lasted 5 minutes longer.

To compare durations of time

Talking Time:

Here are six different time labels.
Can you put a loop around the label that shows the **longest time**?

2 hours	25 minutes	30 minutes
three quarters of an hour	55 minutes	quarter of an hour

To compare durations of time

Talking Time:

Here are six different time labels.
Can you put a loop around the label that shows the **longest time**?

2 hours is the same as 120 minutes.

2 hours

25 minutes

30 minutes

three quarters of an hour

55 minutes

quarter of an hour

To compare durations of time

Talking Time:

Here are six different time labels.
Can you put a loop around the label that shows the **shortest time**?
How did you make your choice?

2 hours	25 minutes	30 minutes
three quarters of an hour	55 minutes	quarter of an hour

To compare durations of time

Talking Time:

Here are six different time labels.
Can you put a loop around the label that shows the **shortest time**?
How did you make your choice?

2 hours	25 minutes	30 minutes
three quarters of an hour	55 minutes	quarter of an hour

Quarter of an hour is the same as 15 minutes.

To compare durations of time

Activity 1: Can you put these six times in order on the track?
Start with the **longest time** first and end with the **shortest time** at the end.

| 2 hours | | 25 minutes | | 30 minutes |

| three quarters of an hour | | 55 minutes | | quarter of an hour |

the longest time →→→→→→→→→→→ **the shortest time**

To compare durations of time

Activity 1: Can you put these six times in order on the track?
Start with the **longest time** first and end with the **shortest time** at the end.

| 2 hours | 55 minutes | three quarters of an hour | 30 minutes | 25 minutes | quarter of an hour |

the longest time →→→→→→→→→→→→→→→→ **the shortest time**
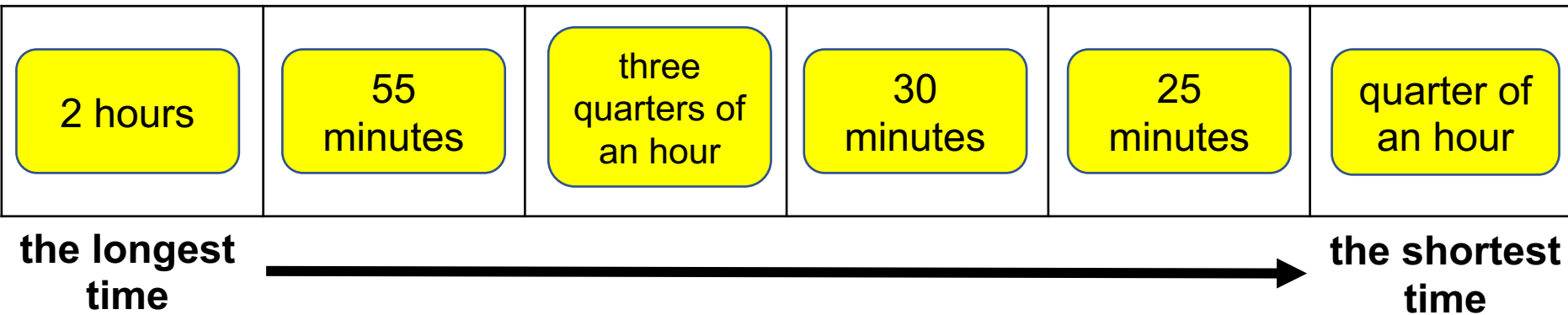
Extension:
If I ordered these times from shortest to longest, which of them would be the third longest?
Can you explain your thinking?

To compare durations of time

Talking Time:

Can you use the table to complete the stem sentence below?
Can you explain how you know?

Television show	Starting time	Finishing time
Focus on Football	half past 12	five past 1
Animal Babies	ten to 6	twenty to 7
Strictly Go Dancing	quarter past 7	ten past 8

_____ is the longest television show.

To compare durations of time

Talking Time:

Can you use the table to complete the stem sentence below?
Can you explain how you know?

Television show	Starting time	Finishing time
Focus on Football	half past 12	five past 1
Animal Babies	ten to 6	twenty to 7
Strictly Go Dancing	quarter past 7	ten past 8

Strictly Go Dancing is the longest television show.

Strictly Go Dancing lasts 55 minutes.
Focus on Football lasts 35 minutes.
Animal Babies lasts 50 minutes.

To compare durations of time

Talking Time:

Can you use the table to complete the stem sentence below?
Can you explain how you know?

Television quiz show	Starting time	Finishing time
Dropping Point	4 o'clock	five to 5
No Score Wins!	half past 5	ten past 6
The Chasers	quarter to 7	twenty-five to 8

_____ is the shortest television quiz show.

To compare durations of time

Talking Time:

Can you use the table to complete the stem sentence below?
Can you explain how you know?

Television quiz show	Starting time	Finishing time
Dropping Point	4 o'clock	five to 5
No Score Wins!	half past 5	ten past 6
The Chasers	quarter to 7	twenty-five to 8

No Score Wins! is the shortest television quiz show.

No Score Wins! lasts 40 minutes.
The Chasers lasts 50 minutes.
Dropping Point lasts 55 minutes.

To compare durations of time

Talking Time: Alena, Ava and Jenson all have a Saturday morning lesson.
Can you use the table to put their activities in order?
Can you start with the **shortest** lesson?

	Activity	Starting time	Finishing time
	Alena's guitar lesson	quarter to 9	twenty-five to 10
	Ava's swimming lesson	five past 9	twenty to 10
	Jenson's trampolining lesson	half past 10	ten past 11

_____'s _____ lesson is the shortest activity.
_____'s _____ lesson is longer, but
_____'s _____ lesson is the longest activity.

To compare durations of time

Talking Time: Alena, Ava and Jenson all have a Saturday morning lesson.
Can you use the table to put their activities in order?
Can you start with the **shortest** lesson?

Activity	Starting time	Finishing time
Alena's guitar lesson 50 minutes	quarter to 9	twenty-five to 10
Ava's swimming lesson 35 minutes	five past 9	twenty to 10
Jenson's trampolining lesson 40 minutes	half past 10	ten past 11

Ava's **swimming** lesson is the shortest activity.
Jenson's **trampolining** lesson is longer, but
Alena's **guitar** lesson is the longest activity.

To compare durations of time

Activity 2:

Evie has **one hour** for lunch.
Her school has some playground activities that the children can try.
Does Evie have time to eat her lunch and to try all the activities?
Can you explain why?

Activity	Duration
eating lunch	15
catch the ball	10
beanbag target throws	12
relay runs	15
mini-hockey	22

To compare durations of time

Activity 2:

Evie has **one hour** for lunch.
Her school has some playground activities that the children can try.
Does Evie have time to eat her lunch and to try all the activities?
Can you explain why?

Activity	Duration
eating lunch	15
catch the ball	10
beanbag target throws	12
relay runs	15
mini-hockey	22

Evie does not have time to complete all five activities in the table.
15 + 10 + 12 + 15 + 22 = 74 minutes.
There are only 60 minutes in one hour.

To compare durations of time

Talking Time:

Which teacher takes the **longest time** to drive to work?
How do you know?

I set off from home at ten past 7.
I arrive at school at quarter to 8.

Mrs. Stokes

I set off from home at quarter past 7.
I arrive at school at five to 8.

Mr. Johnson

To compare durations of time

Talking Time:

Which teacher takes the **longest time** to drive to work?
How do you know?

I set off from home at ten past 7.
I arrive at school at quarter to 8.

Mrs. Stokes

I set off from home at quarter past 7.
I arrive at school at five to 8.

Mr. Johnson

It takes Mrs. Stokes 35 minutes to drive to school.
It takes Mr. Johnson 40 minutes to drive to school.
Mr. Johnson's journey is 5 minutes longer.

To compare durations of time

Talking Time:

Which bus takes the **shortest time** to travel from the village to the city centre?
Can you explain your thinking?

This bus leaves the village at five to 9.
It arrives in the city centre at ten to 10.

This bus leaves the village at quarter past 9.
It arrives in the city centre at five past 10.

To compare durations of time

Talking Time:

Which bus takes the **shortest time** to travel from the village to the city centre?
Can you explain your thinking?

This bus leaves the village at five to 9.
It arrives in the city centre at ten to 10.

This bus takes 55 minutes to travel into the city centre.

This bus leaves the village at quarter past 9.
It arrives in the city centre at five past 10.

This bus only takes 50 minutes to travel into the city centre.
So, this bus takes the shortest time.
It is 5 minutes quicker.

To compare durations of time

Talking Time:

Mrs. Stokes buys a coffee and decides to drink it in the café.
Mr. Johnson also buys a coffee and chooses to drink it in the café.
Who drank their coffee in the **shortest** time? How do you know?

I started to drink my coffee at twenty past 5.
I finished drinking it at twenty to 6.

Mrs. Stokes

I started to drink my coffee at quarter past 5.
I finished drinking it at twenty-five to 6.

Mr. Johnson

To compare durations of time

Talking Time:

Mrs. Stokes buys a coffee and decides to drink it in the café.
Mr. Johnson also buys a coffee and chooses to drink it in the café.
Who drank their coffee in the **shortest** time? How do you know?

I started to drink my coffee at twenty past 5.
I finished drinking it at twenty to 6.

Mrs. Stokes

I started to drink my coffee at quarter past 5.
I finished drinking it at twenty-five to 6.

Mr. Johnson

Both Mrs. Stokes and Mr. Johnson take 20 minutes to drink their coffees. So, they both take the same amount of time.

To compare durations of time

Activity 3:

These clocks show the start and end times of the television programme Come and Eat With Us.
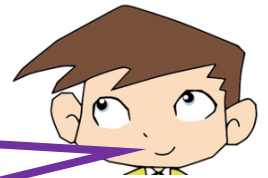
start time   end time

The television programme I Have Been Framed starts at half past 3 and ends at twenty-five past 4.

Do you agree with Ollie? Why?

I Have Been Framed is the longest television programme, because it ends later than Come and Eat With Us.

To compare durations of time

Activity 3:

These clocks show the start and end times of the television programme Come and Eat With Us.
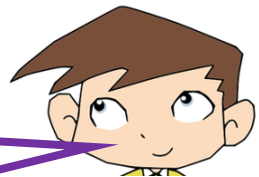
start time

end time

The television programme I Have Been Framed starts at half past 3 and ends at twenty-five past 4.

Do you agree with Ollie? Why?

I do not agree with Ollie. Both television programmes last 55 minutes.

I Have Been Framed is the longest television programme, because it ends later than Come and Eat With Us.

To compare durations of time

❑ I can order times from longest to shortest, or shortest to longest
❑ I can compare durations of time taken by specific events
❑ I can use efficient ways to work out durations of time

Evaluation:

Can you put these four time labels in order?

Is this possible? Can you explain why?

Three-quarters of an hour	15 minutes less than an hour	45 minutes	30 minutes add 15 minutes

To compare durations of time

❑ I can order times from longest to shortest, or shortest to longest
❑ I can compare durations of time taken by specific events
❑ I can use efficient ways to work out durations of time

Evaluation:

Can you put these four time labels in order?

Is this possible? Can you explain why?

| Three-quarters of an hour | 15 minutes less than an hour | 45 minutes | 30 minutes add 15 minutes |

You cannot put these in order because they are all the same amounts of time. They all equal 45 minutes.

Do you have a group of pupils who need a boost in maths this term?

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- Boost confidence

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🖥 thirdspacelearning.com

📞 0203 771 0095

✉ hello@thirdspacelearning.com

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