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!

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Year 4 – Summer Block 2 – Time – Hours, Minutes and Seconds

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 4: (4M4c) Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days

More Year 4 Time resources.

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

Step 1: Hours, Minutes and Seconds

Would you measure the following events in hours, minutes or seconds?

How long you spend at school in a day

How long it takes to drive to the centre of London

The length of a TV show

How quickly you can do 10 jumping jacks

Would you measure the following events in hours, minutes or seconds?

How long you spend at school in a day
hours

How long it takes to drive to the centre of London
hours/minutes depending on where you live

The length of a TV show
minutes

How quickly you can do 10 jumping jacks
seconds

Complete the table

Hours	Minutes
1 hour 15 minutes	
	95
2 hours 40 minutes	
	185
4 hours 10 minutes	

Complete the table

Hours	Minutes
1 hour 15 minutes	75
1 hour 35 minutes	95
2 hours 40 minutes	160
3 hours 5 minutes	185
4 hours 10 minutes	250

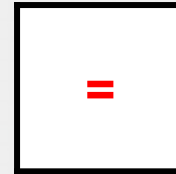**Fill in <, > or = to make the statement correct.**

2 minutes 20 seconds ☐ 140 seconds

Fill in <, > or = to make the statement correct.

2 minutes 20 seconds   **=**   140 seconds

Match the times together to find the odd one out.

1 hour 45 minutes

145 minutes

190 seconds

105 minutes

3 minutes 10 seconds

Match the times together to find the odd one out.

1 hour 45 minutes

odd one out

145 minutes

190 seconds

105 minutes

3 minutes 10 seconds

Which children were quicker in week 1?

Name	Week 1	Week 2
Jamie	2 hours 20 minutes	150 minutes
Tami	130 seconds	2 minutes
Ahmed	215 minutes	3 hours 40 minutes

Which children were quicker in week 1?

Name	Week 1	Week 2
Jamie	2 hours 20 minutes	150 minutes
Tami	130 seconds	2 minutes
Ahmed	215 minutes	3 hours 40 minutes

Reasoning 1

True or false? Explain why.

A   155 minutes   **<**   2 hours 45 minutes

B   3 hours 5 minutes   **>**   185 minutes

C   4 minutes 40 seconds   **=**   290 seconds

Reasoning 1

True or false? Explain why.

A   155 minutes   <   2 hours 45 minutes

A: True because 155 minutes = 2 hours 35 minutes, which is < 2 hours 45 minutes.

B   3 hours 5 minutes   >   185 minutes

B: False because 3 hours 5 minutes = 185 minutes, so they are both equal.
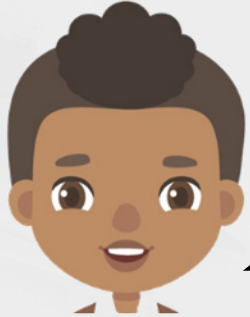
C   4 minutes 40 seconds   =   290 seconds

C: False because 4 minutes 40 seconds = 280 seconds, which is < 290 seconds.

Yasir says,

I ran the race in 195 minutes. I win.

Sienna says,

I ran the race in 2 hours 55 minutes. I win.

Explain who is correct.

Yasir says,

I ran the race in 195 minutes. I win.

Sienna says,

I ran the race in 2 hours 55 minutes. I win.

Explain who is correct.
Sienna is correct because…

Yasir says,

I ran the race in 195 minutes. I win.

Sienna says,

I ran the race in 2 hours 55 minutes. I win.

Explain who is correct.

Sienna is correct because 2 hours 55 minutes = 175 minutes which is quicker than 195 minutes. Sienna won the race.

**Everyone starts writing cards at the same time.
Calculate the order in which the cards will be ready.**

Child A	195 seconds
Child B	3 ½ minutes
Child C	3 minutes 25 seconds

Everyone starts writing cards at the same time.
Calculate the order in which the cards will be ready.

Child A	195 seconds
Child B	3 ½ minutes
Child C	3 minutes 25 seconds

Child A (3 minutes 15 seconds or 195 seconds)
Child C (3 minutes 25 seconds or 205 seconds)
Child B (3 minutes 30 seconds or 210 seconds)