Year 3: Week 5, Day 3

Times later

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. If possible, watch the PowerPoint presentation with a teacher or another grown-up.

OR start by carefully reading through the Learning Reminders.

2. Tackle the questions on the Practice Sheet. There might be a choice of either Mild (easier) or Hot (harder)!
Check the answers.

3. Finding it tricky? That’s OK... have a go with a grown-up at A Bit Stuck?

4. Have I mastered the topic? A few questions to Check your understanding.
Fold the page to hide the answers!

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## Learning Reminders

### Calculate time intervals.

<table>
<thead>
<tr>
<th>Mr. Clockman’s day</th>
<th>Time</th>
<th>5 minutes late...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wake up</td>
<td>7:16am</td>
<td>7:21am</td>
</tr>
<tr>
<td>Breakfast</td>
<td>8:30am</td>
<td>8:35am</td>
</tr>
<tr>
<td>Got on bus</td>
<td>9:40am</td>
<td>9:45am</td>
</tr>
<tr>
<td>Get to work</td>
<td>10:12am</td>
<td>10:17am</td>
</tr>
<tr>
<td>Lunch break</td>
<td>12:55pm</td>
<td></td>
</tr>
<tr>
<td>Leave work</td>
<td>5:25pm</td>
<td></td>
</tr>
</tbody>
</table>

Mr. Clockman is always **5 minutes late**!  
Let’s write each of the times **5 minutes later**.  
Finish the last few times.
Learning Reminders

Calculate time intervals.

Now let's try that on our analogue clocks...

Get up at 7:16 am.

Let's move the hands to show 5 minutes later...

Calculate time intervals.

The minute hand moves on five minutes to show 21 minutes past...

The hour hand moves a small amount too...
Learning Reminders

Calculate time intervals.

We have to be careful if adding minutes takes us over the next hour.

The bus leaves at 9:40am.

But it is **30 minutes** late!

If we just add 30 minutes we get 9:70.
Why is that impossible?

Calculate time intervals.

The hands have passed through the next hour, so the bus now leaves at **10:10am.**
Practice Sheet Mild
Time

10 minutes later

30 minutes later

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Practice Sheet Hot

Time

20 minutes later

45 minutes later

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Practice Sheets Answers

Time (mild)

10 minutes later

30 minutes later

Time (hot)

20 minutes later

45 minutes later

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Work in pairs

Things you will need:
• Time dominoes (past the hour)

What to do:
• Take one domino.
  Look at the analogue clock on one end and find the domino which has the same time but on a digital clock.
  Put these together.

• Now look at the digital clock on the other end and find a domino which has the same time but on an analogue clock.

• Keep matching pairs of clocks.

• If you match ALL the times, you can create a loop!

S-t-r-e-t-c-h:
Choose three times. Write them down.
Now write the times 5 minutes after each one.

Learning outcomes:
• I can tell the time to five minutes past the hour on analogue and digital clocks.
• I am beginning to say the time five minutes later (past times only).
<table>
<thead>
<tr>
<th>Time</th>
<th>Clock Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>04:00</td>
<td><img src="clock0400.png" alt="Clock Image" /></td>
</tr>
<tr>
<td>08:15</td>
<td><img src="clock0815.png" alt="Clock Image" /></td>
</tr>
<tr>
<td>03:20</td>
<td><img src="clock0320.png" alt="Clock Image" /></td>
</tr>
<tr>
<td>07:25</td>
<td><img src="clock0725.png" alt="Clock Image" /></td>
</tr>
<tr>
<td>02:05</td>
<td><img src="clock0205.png" alt="Clock Image" /></td>
</tr>
</tbody>
</table>

A Bit Stuck?
Loop the loop

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### A Bit Stuck?
**Loop the loop**

<table>
<thead>
<tr>
<th>Time</th>
<th>Clock Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30</td>
<td><img src="image1.png" alt="Clock Image" /></td>
</tr>
<tr>
<td>10:10</td>
<td><img src="image2.png" alt="Clock Image" /></td>
</tr>
<tr>
<td>06:20</td>
<td><img src="image3.png" alt="Clock Image" /></td>
</tr>
<tr>
<td>09:25</td>
<td><img src="image4.png" alt="Clock Image" /></td>
</tr>
<tr>
<td>12:05</td>
<td><img src="image5.png" alt="Clock Image" /></td>
</tr>
</tbody>
</table>

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Check your understanding

Questions

Count on in 5 minute intervals from 11:30.
Write the times you say until you reach 12:15.

Write the time half an hour after...

a) Tea-time 4:35pm
b) Bed-time 8:05
c) Midnight
d) Breakfast time 7:40

A bell rings every 15 minutes.
If the first one is at ten past 12, will it ring at...

- 1 pm?
- Ten past 2?
- Five to 3?
Check your understanding

Answers

Count on in 5 minute intervals from 11:30.
Write the times you say until you reach 12:15.
Watch for children who say 11:60 after 11:55 as if it were an ‘ordinary’ number sequence.

Write the time half an hour after...

a) Tea-time 4:35pm  5:05pm.
b) Bed-time 8:05    8:35pm.
c) Midnight  12:30am.
d) Breakfast time 7:40  8:10am.

Check these and the following question on an analogue clock with moving hands.

A bell rings every 15 minutes.
If the first one is at ten past 12, will it ring at...

• 1 pm?  No
• Ten past 2?  Yes
• Five to 3?  Yes