

Max's Time-Travelling Workshop

Learning objective: To read, write, and convert time between analogue and digital 12-hour and 24-hour clocks, and calculate durations.

Help Max the monkey organise his workshop by drawing the correct times on the clock faces and calculating the duration of his inventions.

Draw: Draw two large, circular analogue clock faces side-by-side on your page. Label them 'Clock A' and 'Clock B'. For Clock A, draw the hands to show 09:15. For Clock B, draw the hands to show 14:30 (remember that 14:30 is the same position as 02:30 on an analogue face). Surround the clocks with drawings of Max's inventions, such as a clockwork robot or a mechanical banana-peeler.

Label words: Analogue · Digital · Duration · Interval · AM · PM · 24-hour clock

Steps:

1. Max starts his first invention at 09:15. Draw the hands on Clock A to show this time. Is this AM or PM?
2. If Max finishes his first project at 11:40, how long did it take him in hours and minutes?
3. Max starts his second project at 14:30. Write this time as it would appear on a 12-hour clock (don't forget to include AM or PM).
4. If the second project takes 1 hour and 45 minutes, what time will he finish? Write your answer in 24-hour

format.

5. Label the 'minute hand' and 'hour hand' on your drawing of Clock A.