

Diving into Mastery – Diving

Adult Guidance with Question Prompts

Children may need a clock to help with this activity.

Can you shade an area of the blank clock to show how many minutes have passed?

How can you use that shading to work out the duration?

Can you use the duration to help you work out the start/finish time?

Time Durations



Start	Finish	Time Passed	Duration
			30 minutes
			10 minutes

Diving into Mastery – Deeper

Adult Guidance with Question Prompts

Children may need a clock to help with this activity.

What do we need to do to before we can say if these sentences are true or false?

Explain how you will work out the time durations.

Is this sentence true or false? Explain how you know.

Time Durations



In PE, each child runs around the school field and records their time.

<i>Name</i>	<i>Start Time</i>	<i>Finish Time</i>
<i>Anna</i>	<i>10:20</i>	<i>10:30</i>
<i>Ryan</i>	<i>10:25</i>	<i>10:34</i>
<i>Ahmed</i>	<i>10:30</i>	<i>10:45</i>
<i>Ravi</i>	<i>10:35</i>	<i>10:42</i>

Are these statements true or false? Convince me!

- Ahmed was the slowest to run around the field.
- Anna and Ryan took the same time to run around the field.
- Ryan was the quickest to run around the field.
- Ravi took 7 minutes to complete the run.
- Ryan was 2 minutes quicker than Anna.



Diving into Mastery – Deepest

Adult Guidance with Question Prompts

Children may need a clock to help with this activity.

How long is the first film?

What time does it need to finish?

How could you work out the start time?

Time Durations



The films must all finish by half past 10.
What time do they need to start?



Film	Duration	Start Time
Detective Twinkl	2 hours	
The Twinkl Movie 2	2 $\frac{1}{4}$ hours	
Twinkl: The Return	1 hour 40 minutes	
Twinkl Maths Movie	2 hours 25 minutes	
Twinkl: Maths Master	3 $\frac{3}{4}$ hours	