

# Package 14



## Overview

Note: Your child will benefit from this package if they are unable to answer any of the pre-lesson questions.

### Lesson 1:

#### **Reading the hour hand**

Required prior knowledge: Reading minutes past and to

### Lesson 2:

#### **Combining minutes with hours**

Required prior knowledge: Reading minutes past and to; recognising numbers on the clock as hours

### Lesson 3:

#### **Calculating duration between two times (minutes only)**

Required prior knowledge: Reading analogue time (minutes and hours)

### Lesson 4:

#### **Calculating duration between two times (over one hour)**

Required prior knowledge: Duration (less than one hour)

# Time

## Package 14, lesson 1

### Reading the hour hand

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
<p>Can your child read minute positions on an analogue clock?</p> <p>Question: Position the minute hand at <math>\frac{1}{4}</math> past, 20 minutes past, 25 minutes to, <math>\frac{1}{2}</math> past</p> <p>ANS: Can your child 'read' these positions?</p>	Yes/no	
<p>Can your child read further minute positions on an analogue clock?</p> <p>Question: Position the minute hand at 20 minutes to, 10 past, <math>\frac{1}{4}</math> to, 5 to</p> <p>ANS: Can your child 'read' these positions?</p>	Yes/no	
<p>Can your child state where the hour hand will be relative to the minute hand?</p> <p>Question: On a numbered clock face (with no hands) ask where the hour hand will be at <math>\frac{1}{4}</math> past one, <math>\frac{1}{2}</math> past and <math>\frac{1}{4}</math> to 1</p> <p>ANS: Closer to 1 than 2; <math>\frac{1}{2}</math> way between 1 &amp; 2; closer to 2 than 1</p>	Yes/no	

### What does this lesson teach?

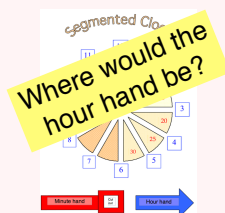
This lesson will teach your child to: **Relate minutes to hours**  
 - compare the movement of the minute and hour hand.

### What is included?

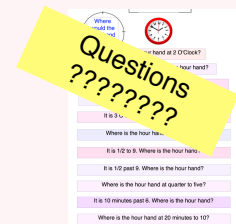
**A lesson plan**  
explaining:

**Math language**  
&  
**sequence of teaching**

**Manipulation**



**Consolidation**



# Time

## Package 14, lesson 2 Combining minutes with hours

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Does your child have a reasonable concept of time? Question: Would it take 5 mins or 1 hr to write a short story ANS: 1 hr (can your child say anything that would take a minute?)	Yes/no	
Can your child read the hour hand correctly when it is between two numbers? Question: Show your child half past 3 on an analogue clock (manipulate hands) Ask the time. ANS: Does your child read the '3' rather than '4'?	Yes/no	
Can your child read the hour hand for minutes to positions? Question: Show your child quarter to 4. Ask the time. ANS: Does your child read the '4' rather than '3'?	Yes/no	
Can your child read the time on any analogue clock?	Yes/no	

### What does this lesson teach?

This lesson will teach your child to:  
Read analogue time confidently  
(consolidate concepts relating to minutes and hours).

### What is included?

**A lesson plan** explaining:  
**Math language & sequence of teaching**

Reading & writing time

Draw the hands for these times

Write the time for each clock.

Questions

# Time

## Package 14, lesson 3 Calculating duration between two times (minutes only)

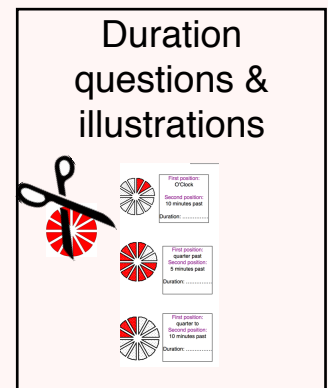
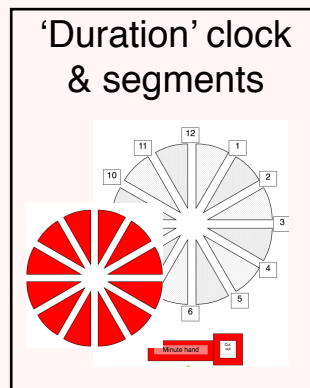
Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
<p>Does your child understand what 'duration' is?</p> <p>Question: Which of the following activities describes duration? Meeting a friend at 3pm or jumping for 15 minutes?</p> <p>ANS: Jumping for 3 mins</p>	Yes/no	
<p>Can your child calculate duration between two times less than an hour?</p> <p>Question: What is the duration when the minute hand moves from the 'quarter to' position to 'ten minutes past'?</p> <p>ANS: 25 mins</p>	Yes/no	

### What does this lesson teach?

This lesson will teach your child to:  
Calculate how long between two given times under and hour.

### What is included?

**A lesson plan**  
explaining:  
**Math language**  
&  
**sequence of**  
**teaching**



# Time

## Package 14, lesson 4 Calculating duration between two times (over one hour)

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
<p>Can your child change minutes to hours and minutes?</p> <p>Question: Change 75 minutes to hours and minutes ANS: 1hr 15mins (Does your child recognise the need to regroup 60 minutes?)</p>	Yes/no	
<p>Can your child calculate duration between two times more than an hour?</p> <p>Question: How long is there between 20 minutes past 2 and 15 minutes to 5? ANS: 2hrs 25mins</p>	Yes/no	

### What does this lesson teach?

This lesson will teach your child to:  
Develop the concept of changing hours for minutes  
(e.g. 70 minutes = 1hr 10 mins)

### What is included?

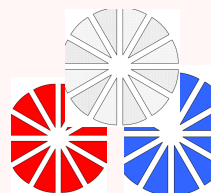
A lesson plan explaining:

Math language & sequence of teaching

Levelled Questions



Manipulative tools



Game

