

Unit Title: Measure: Time and Temperature	
Level:	One
Credit Value:	2
GLH:	18
OCNLR Unit Code:	HD4/1/LQ/016
Ofqual Unit Reference Number:	R/506/0920

This unit has 7 learning outcomes

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Be able to use time written in different formats.	1.1. Demonstrate how to read time from a 24-hour clock. 1.2. Demonstrate how to record time in 24-hour notation. 1.3. Demonstrate how to match 12-hour and 24-hour times. 1.4. Demonstrate how to convert between 12-hour and 24-hour times. 1.5. Identify appropriate devices to measure different lengths of time. 1.6. Demonstrate how to extract simple information from timetables.
2. Be able to identify and use dates written in different formats.	2.1. Identify common date formats. 2.2. Demonstrate how to use common date format. 2.3. Demonstrate how to use a calendar to calculate the length of time between given dates.
3. Be able to understand the relationship between units of time.	3.1. Identify uses of different units of time for activities and events. 3.2. Demonstrate how to estimate in appropriate units the time different activities and events will take.

<p>4. Be able to calculate using time.</p>	<p>4.1. Identify the relationships between units of time. 4.2. Demonstrate how to convert between units of time. 4.3. Demonstrate how to add hours and minutes. 4.4. Demonstrate how to subtract hours and minutes. 4.5. Demonstrate how to calculate durations of time. 4.6. Demonstrate how to compare durations of time.</p>
<p>5. Be able to read temperatures.</p>	<p>5.1. Demonstrate how to read thermometers in degrees Celsius. 5.2. Demonstrate how to read thermometer in degrees Fahrenheit. 5.3. Demonstrate how to identify freezing point as 0°C and 32°F.</p>
<p>6. Be able to compare temperatures.</p>	<p>6.1. Compare temperatures in degrees Celsius and degrees Fahrenheit.</p>
<p>7. Be able to measure temperature.</p>	<p>7.1. Estimate and measure temperature in everyday situations.</p>

Assessment

The grid below gives details of the assessment activities to be used with the unit attached. Please refer to the OCN London Assessment Definitions document for definitions of each activity and the expectations for assessment practice and evidence for verification.

P = Prescribed This assessment method *must* be used to assess all or part of the unit.

O = Optional This assessment method *could* be used to assess all or part of the unit.

Case Study		Project	
Written question & answer/test/exam	O	Role play/simulation	
Essay		Practical demonstration	
Report		Group discussion	O
Oral question and answer	O	Performance/exhibition	
Written description	O	Production of artefact	