

Unit Title: Using Calculations: Multiplication and Division of Whole Numbers	
Level:	One
Credit Value:	2
GLH:	18
OCNLR Unit Code:	HD4/1/LQ/027
Ofqual Unit Reference Number:	H/506/0937

This unit has 6 learning outcomes

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Be able to multiply whole numbers.	1.1. Demonstrate how to multiply whole numbers up to 4 digits by numbers up to 2 digits using written methods. 1.2. Demonstrate how to multiply whole numbers up to 4 digits by numbers up to 2 digits using a calculator. 1.3. Identify the correct operation in context using a calculator.
2. Be able to divide whole numbers.	2.1. Demonstrate how to divide whole numbers up to 4 digits by numbers up to 2 digits using written methods and interpret remainders. 2.2. Demonstrate how to divide whole numbers up to 7 digits by numbers up to 2 digits using a calculator and interpret remainders. 2.3. Identify division written in more than one format. 2.4. Identify and use correct operation for the context using a calculator.
3. Be able to check answers.	3.1. Demonstrate how to check answers using a different method. 3.2. Demonstrate how to estimate answers by rounding numbers to nearest 10, 100 or 1000 to check that answers are reasonable.
4. Be able to multiply whole numbers by 10 and 100.	4.1. Demonstrate how to multiply whole numbers by 10. 4.2. Demonstrate how to multiply whole numbers by 100.

5. Be able to divide whole numbers by 10 and 100.	5.1. Demonstrate how to divide whole numbers by 10. 5.2. Demonstrate how to divide whole numbers by 100.
6. Be able to recognise numerical relationships.	6.1. Demonstrate how to recall multiplication facts up to 10×10 . 6.2. Demonstrate how to recall multiples of 10, 50, 100 and 1000. 6.3. Demonstrate how to make connections between multiplication and division facts. 6.4. Use strategies for dealing with larger numbers.

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		Role play/simulation	
Essay		Practical demonstration	O
Report		Group discussion	O
Oral question and answer	O	Performance/exhibition	
Written description	O	Production of artefact	