

Unit PS1:

Introduction to Problem Solving

In problem solving, evidence must show you can:

Learner outcomes		Assessment criteria	
The learner will:		The learner can:	
PS1.1	Confirm with an appropriate person that you understand the given problem and identify different ways of tackling it	1.1.1	Check you clearly understand the problem you have been given
		1.1.2	Check how you will know the problem has been solved
		1.1.3	Come up with different ways of tackling the problem
PS1.2	Confirm with an appropriate person what you will do and follow your plan for solving the problem	1.2.1	Help decide how you will try to solve the problem
		1.2.2	Plan what you need to do
		1.2.3	Follow your plan, working safely and using support given by others to help tackle the problem
PS1.3	Check with an appropriate person if the problem has been solved and how to improve your problem solving skills	1.3.1	Check if the problem has been solved using the methods you have been given
		1.3.2	Identify clearly what went well and less well in tackling the problem
		1.3.3	Check what you need to do to improve your problem solving skills

Mandatory evidence	Recommended documents
<ul style="list-style-type: none"> • PS: Plan sheet • PS: Do sheet • PS: Review sheet • Evidence of carrying out the plan • Evidence of the problem being solved 	<ul style="list-style-type: none"> • Learning Log (or activity log) • Other evidence relevant to the unit

At this level

Level 1 helps candidates develop familiarity with the basic knowledge, techniques and understanding involved in tackling problems and helps show they can apply their skills within routine and supportive situations.

Unit PS3:

Introduction to Problem Solving

In problem solving, evidence must show you can:

Learner outcomes	Assessment criteria
The learner will:	The learner can:
PS3.1 Explore a problem and identify different ways of tackling it	3.1.1 Identify, analyse and accurately describe the problem, and agree with others how you will know it has been solved 3.1.2 Select and use a variety of methods to come up with different ways of tackling the problem 3.1.3 Compare the main features and risks of each approach, and justify the method you decide to use
PS3.2 Plan and implement at least one way of solving the problem	3.2.1 Plan your chosen way of solving the problem and get the go-ahead from an appropriate person 3.2.2 Put your plan into action, effectively using support and feedback from others to help tackle the problem 3.2.3 Check regularly progress towards solving the problem, revising your approach as necessary
PS3.3 Check if the problem has been solved and review your approach to problem solving	3.3.1 Apply systematically methods agreed with an appropriate person to check if the problem has been solved 3.3.2 Describe fully the results and draw conclusions on how successful you were in solving the problem 3.3.3 Review your approach to problem solving, including whether other approaches might have proved more effective

Mandatory evidence	Recommended documents
<ul style="list-style-type: none"> • PS: Plan sheet • PS: Do sheet • PS: Review sheet • Evidence of carrying out the plan • Evidence that the problem has been resolved 	<ul style="list-style-type: none"> • Learning Log (or activity log) • Other evidence relevant to the unit

At this level

Level 3 marks a shift from straightforward tasks to being capable of responding to the demands of more complex activities. Candidates need to demonstrate more explicit reasoning ability and personal responsibility in making decisions about how they tackle problems.