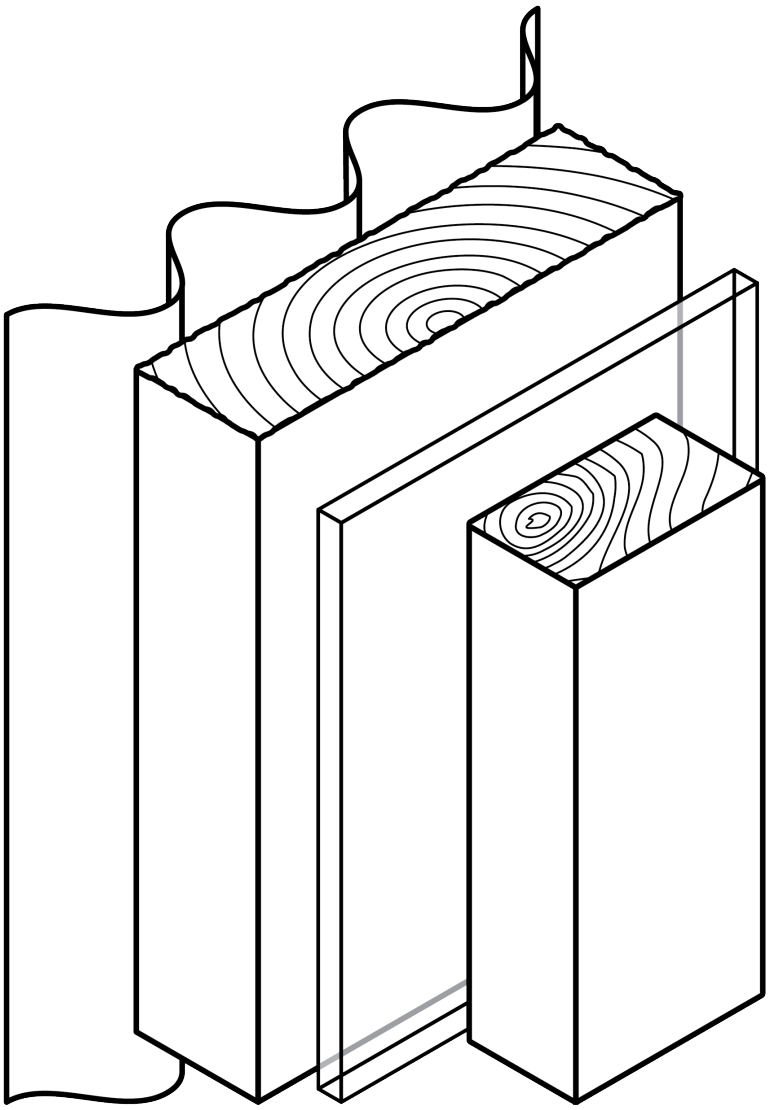
BCATS
BUILDING, CONSTRUCTION AND ALLIED TRADES SKILLS

Basic materials

Assessment resource

Level 1



5 credits

Skill Standard 40541 (v1)

Use materials for a basic BCATS project or related tasks

Learner name: _____

BCATS project: _____

BCITO
He Hunga Hanga Mātou
building people

Assessment: Basic materials

Learner instructions

This assessment is about using basic materials for a BCATS project.

You need to show you:

- have a solid understanding of materials that can be used for BCATS projects
- can use materials safely and skilfully for your project.

Over the page, you will see what you need to do for this assessment.



Your teacher will observe you handling and using the materials safely and skilfully. They will provide comments in this assessment resource as evidence to support their observations.

You will need to provide the following evidence to support this. Submit it using myBCITO or the process at your school/organisation.



A completed *Identify materials* worksheet (pg. 3 in this assessment resource).



Record of your storage procedures for the materials you used.

It is a good idea to use the assessment checklist in this assessment resource to keep track of the evidence you have collected.

The grade you are awarded will be based on your knowledge of a range of materials that are suitable for BCATS projects, and your ability to use and handle the materials safely and skilfully for your project.

Worksheet: Identify materials

For this assessment activity, you need to show you have a solid understanding of a range of materials that can be used for BCATS projects. It is an open book activity.

In the table below:



- list timber types and other materials that are appropriate to use in BCATS projects. **(Note: you must include the timber and other materials you will be using for your project in your list.)**
- explain how material could be used for BCATS projects, and why.

An example answer has been given.

Material	How the material could be used for BCATS projects, and why
Example: Glass	Glass could be used in a picture frame or as a window in a kitchen cabinet. It is useful because you can see into the cabinet without having to open the door.

Use materials

You need to show you can do these things safely for your entire project without being prompted:

- Consider features of the timber and other materials when you are handling them (e.g. treated timber, rust-resistant hardware)
- Use the timber and other materials carefully and correctly
- Store the materials you've used for your project without damaging them.



Your teacher will observe you handling and using the materials while you are working on your project.

Below is a guide to the other evidence you need to collect during your practical work.
You should work with your teacher to make sure you've provided everything needed:



Record of your storage procedures for the materials you used.

Assessment checklist: Basic materials

To be completed by the learner and the teacher.

Assessment activity	Evidence needed	Date all evidence collected (Learner to complete)	Teacher sign-off
Identify materials	A completed *Identify hazards* worksheet.		
Use materials	Record of your storage procedures for the materials you used.		
Note: A copy of the project instructions must also be included in your overall portfolio of evidence.			

Teacher observation: Basic materials

Learner name: Project:

Teacher instructions

Below are criteria for the available grades.

Not Achieved	Achieved	Merit	Excellence
Materials are not used appropriately for a basic BCATS project or related tasks.	Use materials for a basic BCATS project or related tasks.	Effectively use materials for a basic BCATS project or related tasks.	Skilfully use materials for a basic BCATS project or related tasks.



Provide comments on the learner's ability to meet the following assessment criteria, considering everything you observed throughout the project.

Timber and other materials, and their uses for BCATS projects, are identified.	
Materials are handled, used and stored safely for a BCATS project.	

Grade awarded: Basic materials

Teacher instructions

After considering all the evidence collected, enter the grade you will award for Skill Standard 40541, with comments that explain your decision.

Final grade		**Date**	
Justification for final grade (Provide overall comments, considering all evidence collected)			

Teacher and learner sign-off

		Date
Learner signature (Grade received and accepted)		
Teacher sign-off	Name: _____ Signature: _____	