

# Kia Oho Ake

QUICK PRINT

## Parts of scaffolding



### Learning objectives

- To identify components of good scaffolding
- To describe the safety purpose of different scaffolding components

### Equipment

- Parts of Scaffolding chart
- Parts of Scaffolding labels

### Providing this learning experience

1. As a class, discuss:
  - The purpose of scaffolding.
  - Identify where it would be classified on the hierarchy of controls.
  - Identify any risks involved with scaffolding.
2. In small groups, ākonga match the cards to the parts of the scaffold named in the *Parts of scaffolding chart*.

Note that not all parts of the scaffold have a matching card.

3. To finish, ākonga share their responses with another pair and discuss their choices. You may want to share as a class to finish.

Kōrero prompt:

- Describe the purpose for each part of the scaffolding.
- What could happen if the scaffolding is not installed or maintained safely?
- What should you do if scaffolding does not look correct?

### Optional follow-up

4. If there is scaffolding around it would be good for ākonga to talk about what they see with an informed person.
5. Prior to this, you may wish to check that your scaffolding has the parts in the appropriate places.

Supporting resources: For students to do on devices



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## Parts of scaffolding possible solutions

<b>Stops people from falling off the scaffold:</b> guardrail, midrail	<b>Boards you stand on:</b> platform	<b>Stops tools from falling onto people below:</b> toeboard or kick board
<b>Stops scaffolding moving side-to-side:</b> face brace longitudinal, dogleg brace transverse	<b>Holds the guard rails in place:</b> double coupler	<b>Wooden board that is like a shoe for the base plate:</b> sole plate
<b>Metal piece that transfers scaffold load to the ground:</b> base plate		

Scaffolds should be built by certified scaffolders, but any users of scaffolding should be able to identify good scaffolding and describe why they believe the scaffold is not safe to use. This may be because the scaffold has been altered by an uncertified person.

While the diagram from WorkSafe generates kōrero about how good scaffolding keeps people safe, being able to identify those parts on a real-life scaffold is a different skill. Scaffolds will usually look different to the diagram, but should still have the appropriate components in the correct places.

Further guidance on scaffolding from WorkSafe can be located here: [worksafe.govt.nz](https://worksafe.govt.nz)

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**Parts of scaffolding labels:** Some labels may need to be used more than once

<b>Stops people from falling off the scaffold</b>	<b>Boards you stand on</b>	<b>Stops tools from falling onto people below</b>
<b>Stops scaffolding moving side-to-side</b>	<b>Holds the guard rails in place</b>	<b>Wooden board that is like a shoe for the base plate</b>
<b>Metal piece that transfers scaffold load to the ground</b>		

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## Scaffolding: Common scaffold terms and components

