# Student worksheet - Mechanical equipment safety

## Key messages

* Mechanical equipment injuries can cause long periods of time off work, and sometimes permanent disability.
* Work experience students must be supervised at all times by a qualified worker.
* Safety guards, 'Locking out' equipment, 'Danger' and 'Out of Service' tags are important safety measures used protect workers in the workplace.

**Remember: As a work experience student, there are types of mechanical equipment you are not permitted to use. Seek advice from your supervisor if you are unsure about what you can and cannot use.**

##  Activity 1: What do I need to know about mechanical equipment safety?

Work experience provides you with an opportunity to observe how workers in the workplace use mechanical equipment safely.

Consider the job list below.

* What type of mechanical equipment would you observe in the workplace for each job?
* What safety feature would you expect to see in place to protect workers?

Choose from:

* Out of Order sign
* Danger sign
* Safety guard
* Locking out feature
* Out of Service.

**Hint:** *A carpenter uses a* ***safety guard*** *on a timber saw to cut timber to the right size.*

**Need help?** Use [myfuture](https://myfuture.edu.au/) to look up what type of mechanical equipment these workers might use in their jobs.

Follow the example below:

|  |  |  |
| --- | --- | --- |
| Job | Mechanical Equipment | Safety Feature  |
| 1. Butcher
 | Boning machine |  |
| 1. Carpenter
 |  |  |
| 1. Engineer
 |  |  |
| 1. Farmer
 |  | Safety guard |
| 1. Sales assistant in supermarket deli
 |  | Locking out |
| 1. Bricklayer
 | Cement mixer |  |
| 1. Forklift driver
 |  | Danger sign |
| 1. Maintenance Technician
 | Faulty elevator |  |
| 1. Automotive mechanic
 | Car lifting machine |  |
| 1. Office worker
 | Photocopier |  |
| 1. Cleaner in a hospital
 | Vacuum cleaner |  |
| 1. Chef in a large kitchen
 |  | Safety guard |

##  Activity 2: Know the Rules

Work with a classmate, teacher, friend, parent or carer and watch the ‘*Know the rules’* video.

Draw, make a short video clip or a poster to promote this key message:

*How to Use Mechanical Equipment Safely*

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