

Brief

Work in the classroom individually under the supervision of a teacher.

Activity

There are lots of potential and pretty obvious hazards in the workplace. It is going to be your job to choose a workplace (it could be your school as that is a workplace), assess the hazards in that workplace and decide how you can control the worst ones.

Resources

WorkSafe SmartMove General Module.
Relevant WorkSafe Smart Move Industry Module.
Risk Assessment Chart.

Task

STEP ONE:

First of all, choose a workplace. Next, you have to work through ThinkSafe S.A.M

- **S** POT THE HAZARD
- **A** SSESS THE RISK
- **M** AKE THE CHANGE

STEP TWO:

First of all spot the hazard. Make a list of all the hazards in the workplace. If you run out of ideas ask someone at that workplace or a safety and health representative. Write each hazard into the hazard column in **Worksheet One**.

Next, assess the risk.

STEP THREE:

Decide how dangerous each hazard could be. What are the consequences of any injuries - could someone:

- Be killed
- Suffer major injuries (hospitalisation, many days off

- work, disability, long term effects)
- Suffer minor injuries (emergency hospital treatment, a few days off work)
- Have first aid treatment

What is the likelihood of injury or harm to health ie. how many people exposed and for how long – is it:

- Very likely
- Likely
- Unlikely
- Highly unlikely

Use **Worksheet Two** to assess the risk as; low, medium or high. Fill this into the ratings column on **Worksheet One**.

STEP FOUR:

From your assessment, choose the two worst hazards in the workplace.

STEP FIVE:

Choose at least two methods you can use to control each hazard from the list below:

- Eliminate - remove the hazard.
- Replace it – with something similar but not hazardous.
- Separate it – use barriers or screens to cut the hazard off from workers.
- Modify it –make changes to tools, or put guards on machines, or change the system of work.
- Rules – have safety rules to help people to avoid hurting themselves or others.
- Separate it – place barriers in between the hazard and worker.
- PPE – use safety gear.

STEP SIX:

Show how you would fix the hazard in column three and four in **Chart One**.

Written response or discussion points for whole class

Answer the following points:

- What hazard did you choose?
- Why did you choose the hazard?
- What controls did you place on each hazard and why?
- How could you ensure that these safety measures are used by workmates?

WORKSHEET ONE

HAZARD	RATING	CONTROL ONE	CONTROL TWO

WORKSHEET TWO : Risk Assessment Matrix

CONSEQUENCE	LIKELIHOOD			
	Very Likely	Likely	Unlikely	Highly Unlikely
Fatality	HIGH	HIGH	HIGH	MEDIUM
Major injuries	HIGH	HIGH	MEDIUM	MEDIUM
Minor injuries	HIGH	MEDIUM	MEDIUM	LOW
Negligible injuries	MEDIUM	MEDIUM	LOW	LOW