

Hand Tool Safety Test

The Safe Use of Hand Tools

Hand Tools are potentially dangerous if used incorrectly.

Dos

- **Inform your teacher if tools are damaged or blunt.**
- **Always work with your hands and body behind the cutting edge.**
- **Clamp down your work in a vice or on a Bench hook when working timber with hand tools.**
- **Always wear your Personal Protective Equipment when appropriate**
- **When walking with sharp tools, hold them pointing down so as not to injure others.**

Don'ts

- **Never run while carrying sharp tools.**
- **Do not put sharp objects, nails or tools in your pockets.**
- **Never force the path of a tool with excessive effort. Properly sharpened tools do not need to be forced to cut timber.**
- **Do not test the sharpness of a tool with your finger.**

Question 1.

I have read and understood the DO'S AND DON'TS on the safe use of hand tools. In addition proper Hand tool use has been clearly demonstrated and explicitly explained to me by my teacher.

CONTRACT

()

CONTRACT

True

()

False

Question 2.

Drag the words and drop them to the appropriate places

(Type: Word Bank, Points: 1, Attempts: 2)

Never _____ a tool if you have not had specific _____ in its use. If you are unsure of how to use a tool, you must ask your _____ before using it.

Question 3.

If there is something I do not understand, I must stop what I am doing and ask the teacher for instruction.

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True

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False



Question 4.

The appropriate Personal Protective Equipment must be worn in the workshop at all times in the workshop.



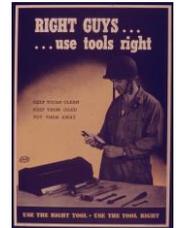
()

True

()

False

Hand Tool Selection Information Sheet



The first rule of safety is to match the tool for the person and the task. When the tool does not match the person or the task potential danger increases.

The best hand tool to select is one that:

- **Matches the task that the user is doing.**
- **Fits the workspace available.**
- **Fits the users hand.**
- **Can be used in a comfortable position.**
- **Is well maintained.**

Question 5.

Select the correct answer from the choices below

- Fit the tool to the person, not the person to the tool
- If it's wrong change the tool to fit the user
- The size of the tool doesn't matter even if I can't hold it properly.

Question 6.

Match the following situations with the correct action.

The hand tool is too big
I know I am using the wrong tool for the job.
I am thinking about modifying a tool to make it work better.

Never modify a tool.
Select a tool which fits comfortably in your hand
Stop! Using incorrect tools for the job is dangerous.

Question 7.

It is fine to put a chisel in your apron pocket

- True
- False

Question 8.

Running while holding a sharp tool can result in injury to yourself or others.

- True
- False

Question 9.

A friend asks you for a tool. The correct way to do so is



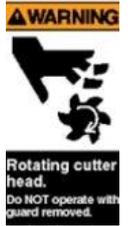
- () Hand him / her the tool.
- () Throw the tool from across the room.
- () Toss the tool gently to them

Question 10.



_____ carry _____ objects in your pocket. This includes tools such as chisels, lathe tools, knives and _____. If you fall over you could end up with a _____ wound.

Guards on Tools and Machinery



Guards are physical barriers that protect you from dangerous parts of machinery.

Do's

- Inspect guards before using tools or machines to ensure they are present and secured properly.
- Report missing or damaged guards immediately to your teacher.

Don'ts

- Never remove or modify a guard - even if you think it will make your job easier!

Question 11.

It is fine to remove a guard on a machine.



True

False

Question 12.

Each of the machines have an example of a MACHINE GUARD or GUARDS. Indicate where the guard is on each item.

Hotspots: 5



Question 13.

Drag the words and drop them to the appropriate places

(Type: Word Bank, Points: 1, Attempts: 3)

Never _____ a tool. This could result in the tool failing and causing _____. Modifying means _____ a tool such as _____ the length of its handles or _____ safety guards.

Question 14.

What is wrong with the technique used in the chiselling operation shown?



- He is forcing the cutting edge in toward his stomach. This could cause serious injury.
- He has nothing to worry about as he has used this method for years without injury. The secret is using a semi sharp chisel.
- Nothing. His hands are behind the cutting edge as recommended.

Question 15.

What is wrong with the method being used to cut the paper with the utility knife? (Click to enlarge picture)



- His fingers are directly in front of the path of the blade
- He should use scissors instead
- The blade should be longer for easier cutting

Question 16.

Choose whether the statement is true or false:

Blunt tools are safer than sharp tools.



- True
- False

Question 17.

Drag the words and drop them to the appropriate places



Never attempt a cutting operation while holding the work in your _____. The tool will slip and may cut your hand. Always _____ the work on the workbench with a _____. A _____ will provide a support for all cutting operations.

-

Question 18.

Using a chisel to open a can of varnish is ok.

- True
 False



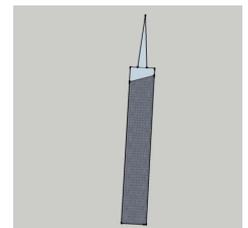
Question 19.

Choose the correct chiselling operation



Question 20.

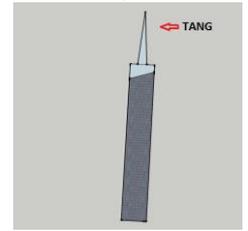
What should you do if you saw a file like the one pictured in the tool locker?



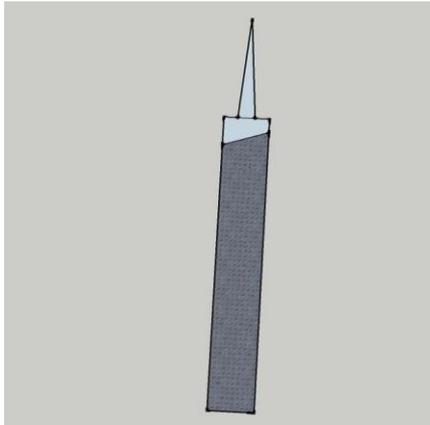
- Give it to the teacher immediately
 Use it because there are none left and you've used it before with no problems.
 Get one with a handle.
 Put it back in the tool locker immediately as it's exposed tang is obviously dangerous

Question 21.

Identify the exposed Tang on the image of the file. Click on the picture for a hint.



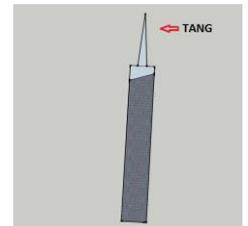
Hotspots: 1



Question 22.

Drag the words and drop them to the appropriate places

(Type: Word Bank, Points: 1, Attempts: 2)



Never use a file without a _____. The exposed tang is very _____ and could result in a deep wound on your palm.

Question 23.

Blunt tools are safer than very sharp tools.

True

False

Question 24.

While making chiselling operations, it is sometimes necessary to hold the work in your hand.



True

False

Question 25.

If the right tool is not available, find something else that can be used instead.

True

False

Question 26.

The problem with this chiselling operation is:



He is holding the material in his hand.

His hand is not behind the cutting blade

He has not clamped down his work on a secure workbench.

He is not pushing hard enough

Question 27.

Never strike two metal files together because splinters from the steel could easily penetrate the eye.

True

False

Better safe than sorry.

Question 28.

Never strike two hammers together by their faces (see picture). The faces of a hammer are hardened steel and can chip at high speed or even shatter when struck together causing severe eye injury. (Click to enlarge)



True

False

Question 29.

Arrange the following accident explanations into order from MOST embarrassing to LEAST embarrassing.



#	Choice	Correct order
1	I can't sit down because cut my bottom because I had a chisel in my pocket and cut my butt cheek.	
2	I have a hole in my palm because I used a file without a handle. It was just a one time thing.	
3	I have a shaved head because I tried to open a can of contact cement with a chisel	
4	I stabbed myself in the stomach because I was chiselling toward my body.	