

## TOOLS

### Scenario 3

### Temat - Power tools

**Time:** 90 minutes

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**Objectives:**

At the end of the lesson the students should be able to:

- identify the names of different power tools,
- realize the importance of hand and power tools safety.

**Aims:**

- to extend students' vocabulary connected with tools,
- to develop students' reading, speaking, writing and listening skills,
- to build speaking fluency,
- to practise pronunciation,
- to improve the skills of co-operation (pair work / group work).

**Anticipated problems:**

- pronunciation problems,
- some students may find it hard to understand and complete the sentences.

**Materials:**

Coursebook : ' Construction I – Buildings'; V. Evans, J. Dooley, J. Revels / Express Publishing, board, computer with access to the Internet, worksheets.

**Organisation:**

individuals, pair work, open class

**Vocabulary:**

power drill, hammer drill, nail gun, circular saw, reciprocating saw, sander, compressor, cement mixer, jackhammer, compactor

**Procedure:**

Stage	Time	Procedure	Aims	Materials	Interaction
Warm-up	5 min.	Greetings.  Checking attendance.			T - Ss
Homework check	3 min.	SB, page 6 ex.2,3,4 page 7 ex.9		coursebook	T -Ss
Revision	2 min.	Review of hand tools.	To check vocabulary concerning hand tools		T -Ss
Presentation	7 min	<p>Draw a diagram on the board and write 'power tools' in the middle circle. Ask students to complete the diagram with the words related to the topic.</p> <p><i>Transfer - Mindmap Method.</i></p> <p>As they run out of ideas let them turn to the dictionaries. Control the length of the activity and give the students a time limit which forces them to work quicker.</p> <p>Gather the results on the board.</p>	To provide practice in using a dictionary.	board	T -Ss
Card activity	5 min.	Put the students into pairs and give them a set of cards. They have to match the words with the definitions. Then they check their answers with other groups and with the coursebook.	To extend students' vocabulary	Worksheet, exercise 1.	S - S



	5 min.	<p><i>Transfer -Cooperative learning</i></p> <p>Monitor your students. After they have written it down ask them to read the words and check pronunciation.</p>	To enable teacher to check pronunciation	Student's book, page 8	T - Ss
Watching	15 min	Students watch an instructional film 'Hand And Power Tool Safety' and complete the sentences.  Then they read the sentences aloud.	To provide practice in watching for specific information and detailed understanding	Internet  Worksheet, ex.2	T - Ss
Open class feedback	2 min.	Ask questions: -What is the most important in injury prevention? -What should you do before you use any power tools? -What does 'personal protective equipment' mean?	To provide speaking practice.		
Homework	1 min.	SB. p 8 ex.2,3,4,5 p.9 ex.9 - writing		coursebook	T -Ss

**Task 1.** Match the words with the definitions.

(A teacher cuts each worksheet into separate cards. Then shuffles each set of cards so that they are not in order. Pair work.

<b>power drill</b>	<b>an electrically powered tool that makes holes in surfaces by rotating a drill bit</b>
<b>hammer drill</b>	<b>a tool that makes holes in hard surfaces like stone by using a rotating drill bit and applying force in a back-and-forth motion</b>
<b>nail gun</b>	<b>a device that puts nails into a hard material, like wood, when the user pulls a trigger</b>
<b>circular saw</b>	<b>a tool that uses a rotating metal disk with</b>

	<b>sharp teeth to cut through wood or metal</b>
<b>reciprocating saw</b>	<b>an electrically powered tool that cuts through surfaces using a blade that moves back and forth</b>
<b>sander</b>	<b>an electrically powered tool that uses sandpaper to make wooden and metal surfaces smooth</b>
<b>compressor</b>	<b>a tool that creates energy by increasing pressure on gas or electrical power and releases it short bursts and this energy is used to power other devices</b>
<b>cement mixer</b>	<b>a machine that combines the components that make cement in a large circular barrel that rotates</b>
<b>Jackhammer</b>	<b>a tool that breaks up very hard surfaces like rock or pavement</b>
<b>compactor</b>	<b>a machine that bounces on the ground to compact soil</b>

## Task 2.

### ‘HAND AND POWER TOOL SAFETY’

<https://www.youtube.com/watch?v=ZbOo1PdUOvs> (5.03.2018 r.)

Watch the instructional film and complete the sentences.

1. The simple screwdriver causes over a .....
- 2 A good safety attitude is the first step in .....
3. A person exercises good judgement follows safety rules and doesn't take  
.....
4. The first rule for hand and power tools safety is to use equipment that is in good  
.....
5. Before you use any power tool inspect it to make sure it is in good condition and has  
no.....
6. Electrical tools have at least one safety device to protect the user .....
7. Regardless of the type of shock protection on your electrical tool it won't help if you're  
using the equipment near.....
8. When using any type of electrical equipment always.....
9. When you're working with hand and power tools your .....  
are the two most important parts of your job.

10. Use personal protective equipment when it's provided and necessary and think about .....

Answers:

- 1 hundred deaths each year
- 2 injury prevention
- 3 shortcuts to get the job done
- 4 safe serviceable condition
- 5 defects or safety hazards
- 6 from electrical shock
- 7 water, liquids or other unsafe conditions
- 8 inspect the plugs, cords and cables
- 9 safety attitude and common sense
- 10 safety on every job you perform.