

Basic Electrical Tools

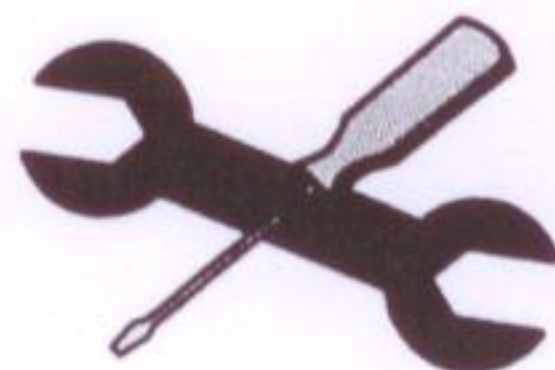
► In Reading 2 you came across one of the most basic electrical tools. Do you remember what it was? The pictures below show other, also important, tools. In the boxes under the pictures, write the name of the tool. Try to describe what each of them is used for. You can use the pattern:

is/are for + verb+ing

For example: *A hammer is (used) for driving nails or other fasteners into softer materials such as wood.*



1) _____



2) _____



3) _____



4) _____



5) _____



6) _____



Integrating skills – Reading, Watching, Listening, Presenting, Writing

- 1) What are **circuit protection devices** and how do they work? Read about the topic from at least three sources, take notes and report back to class. You can work in pairs or groups.
- 2) Watch the video at <https://www.youtube.com/watch?v=KhWIMqyPn5A>, combine information from Reading 1 and the rest of this Unit to write a short article for a student newspaper about the effects of electricity on the human body and the precautions that should be taken. Try to paraphrase and not copy whole sentences.
- 3) Watch the video at <https://www.youtube.com/watch?v=qxO2qgf51m8> and summarize the obligations of an employer and the rights of employees with regard to safety at work.



Game Time!

Time to relax! How about playing a miming game? Split into two groups, each with its spokesperson! Think of a word without revealing it to the other group. Use gestures, body language and facial expressions to mime it. You can choose words from the table below, or from the electrical tools above. Perhaps not all the words are possible to be mimed. The winner is, of course, the group with the most correct guesses.

Verbs	Nouns or noun phrases	Adjectives
energize, de-energize, tag out, lock out, overload, ground, dismantle, run (an extension cord into, through, under), strip (insulation from), rated cord, short out, electrocute, plug, unplug, piggyback, trip (a circuit breaker), disconnect	motorized lift, insulation, arc flash, electrocution, flash of light, wire stripper, power point, outlet, plug, socket, circuit breaker, overvoltage, surge, voltage spike, extension cord, superintendent, light fixture, duct, pipe, single-strand wire, assembly plant	live (wire), defective, faulty, hazardous, deadly, lethal, fatal