Machines and Tools—
General Terms About Machines and Tools

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Machines and Tools

Everyday machines and tools make completing different tasks a little easier. There are lots of different kinds of tools and machines, from simple to complex tools. We have lots of words that describe what they are and what they do. We’ve sorted them into four groups.
Found in the Home

General Terms

Machines and Tools

Used to Defend and Protect

Used in Construction
General Terms About Machines and Tools

In our day to day lives we use many words to describe machines and tools. We have words to describe the different parts they are made of, the resources that power them, and words that describe what they do. These general terms are helpful when talking about machines and tools.
Machines and Tools—General Terms

Parts of a Machine:
- engine
- motor
- gear

Resources That Power Complex Machines:
- fuel
- gas
- gasoline
- oil
- petroleum
- electricity
- solar
- wind

General Terms to Describe Machines and Tools:
- machine
- device
- tool
- technology
- gadget

Words to Describe What Machines and Tools Do:
- equip
- aid
- layer
- scratch
- carve
- cut
- bury
- dig
- grip

^ non core vocabulary words added to supplement concept
General Terms to Describe Machines and Tools

**machine**

(ma·chine)
technology
(tech·nol·o·gy)
device
(de·vice)
gadget
(gad·get)
General Terms to Describe Machines and Tools

tool
(tool)
engine
(en·gine)

motor
(mo·tor)

gear
(gear)
fuel
(fu·el)

Resources That Power Complex Machines

Photo: A customer pumps gas at The Army and Air Force Exchange Service gas station at Vandenberg Air Force Base, August 2009. Photo released into public domain by author Airman 1st Class Andrew Lee.
Resources That Power Complex Machines

gas
(gas)

gasoline
(gas·o·line)
oil
(oil)
petroleum

(pee·tro·lee·um)

Petroleum is found deep inside the Earth and is used to produce fuels including gasoline, kerosene, and diesel oil.

This machine is drilling into the Earth in order to find Petroleum.
electricity
(elec·tric·i·ty)
**solar**

*(so·lar)*

*Solar* panels are used to turn the sun’s energy into useable power. Machines use this power to operate.
Wind mills are used to turn *wind* into power. The power is then used by machines.
equip
(equip)

Equip means to supply with the necessary items for a particular purpose.

Tools help equip people to make jobs easier.
aid

(aid)

Machines help or *aid* people to make hard work easier.
layer
(lay·er)

To *layer* something means that different levels are stacked on top of each other.

This compost is *layered*.

A pitch fork is a tool used to *layer* different materials.
scratch

(scratch)
Words to Describe What Machines and Tools Do

carve
(carve)

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Words to Describe What Machines and Tools Do

cut
(cut)
Words to Describe What Machines and Tools Do

bury
(bury)

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Words to Describe What Machines and Tools Do

dig
(dig)
grip
(grip)
Machines and Tools—

Machines and Tools Found in the Home
Machines and Tools Found in the Home

You may not realize it, but your home is filled with machines and tools that make doing everyday tasks easier. The appliances, kitchen utensils, and technological gadgets are all machines and tools in your home.
Machines and Tools—Found in the Home

Technological Gadgets:
- terminal
- computer
- camera
- film
- lens

Home Appliances:
- oven
- stove
- furnace
- refrigerator
- radio

Tools in the Kitchen:
- fork
- spoon
- pan
- pot
- plate
- bowl
- cup
- glass
- dish
- tray
oven
(ov·en)
stove
(stove)
A *furnace* is an enclosed structure that makes heat to keep homes and buildings warm.
refrigerator
(re·frig·er·a·tor)
radio
(ra·dio)
fork
(fork)
spoon
(spoon)
pan
(pan)

Tools in the Kitchen

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pot
(pot)
plate
(plate)
bowl
(bowl)
glass
(glass)

cup
(cup)

Tools in the Kitchen

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dish
(dish)
A *tray* is used to hold and carry things.

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terminal
(ter·mi·nal)

A *terminal* is a device (as in a computer system) used for data entry and display.
computer
(com·put·er)
camera
(cam·era)
A lens is a clear curved piece of glass or plastic that is used to make things look bigger, smaller, or more in focus.

Cameras, telescopes, and eye glasses all have lenses.
film
(film)

Technological Gadgets

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Machines and Tools—
Machine and Tools Used to Defend and Protect
Machines and Tools Used to Defend and Protect

There are many machines and tools used to defend and protect us in different situations. Different weapons, transportation, and medical equipment are all tools that people use to defend and protect us.
Machines and Tools—Used to Defend and Protect

Transportation Used to Defend and Protect:
* jet
* tank
* helicopter

Weapons Used to Defend and Protect:
* weapon
* bomb
* cannon
* gun
* rifle
* arrow
* bow
* whip
* knife
* sword
* blade

^ non core vocabulary words added to supplement concept
Weapons Used to Defend and Protect

weapon
(weap·on)
Weapons Used to Defend and Protect

Photo: Atomic bomb. August, 1945. Taken by one of the B-29 Superfortresses used in the attack. Released into public domain the United States Air Force.
cannon
(can·non)

Weapons Used to Defend and Protect
gun

(gun)
Weapons Used to Defend and Protect

rifle
(ri·fle)

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Weapons Used to Defend and Protect

bow
(bow)

arrow
(ar·row)
whip

(whip)
knife

(knife)
Weapons Used to Defend and Protect

blade
(blade)

sword
(sword)

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helicopter
(he·li·cop·ter)
tank
(tank)
microscope
(mi·cro·scope)
x-ray
(x-ray)
Machines and Tools—
Small Tools, Machines, and Items Used in Construction
Found in the Home

General Terms

Machines and Tools

Used to Defend and Protect

Used in Construction
Small Tools, Machines, and Items Used in Construction

When people build things they use many different machines and tools. Some are big and some are small. Regardless of their size, these tools are all helpful in the construction of things.
Machines and Tools—Used in Construction

Hardware:
- hook
- nail
- screw
- needle
- pin
- key
- lock
- handle
- switch

Tools Used to Secure:
- chain
- cord
- rope
- string

Tools for Height and Stability:
- platform
- ladder

^ non core vocabulary words added to supplement concept
drill
(drill)
hammer
(ham·mer)
hook
(hook)
screw
(screw)
needle
(nee·dle)
pin
(pin)
key (key)
lock
(lock)
handle
(han·dle)
switch
(switch)
chain
(chain)
Tools Used to Secure

rope
(rope)

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cord
(cord)

Tools Used to Secure

Cord is a kind of material like rope that is used to tie things.
string
(string)
platform
(plat·form)

A platform is a level surface that is raised off of the ground.

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ladder
(lad·der)
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- plate
- bowl
- cup
- glass
- dish
- tray
Transportation Used to Defend and Protect:
* jet
* tank
* helicopter

Machines Used in Medicine to Protect:
* microscope
* x-ray

Weapons Used to Defend and Protect:
* weapon
* bomb
* cannon
* gun
* rifle
* arrow
* bow
* whip
* knife
* sword
* blade

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- pin
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**Small Machines:**
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- hammer

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