

Englist.me



Vocabulary Builder Reference from...

Andrew Pelling: This scientist makes ears out of apples | TED Talk

https://www.ted.com/talks/andrew_pelling_this_scientist_makes_ears_out_of_apples

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

confession

n. a formal statement in which one admits that they have done something wrong or illegal

synonym: admission, avowal, acknowledgment

(1) a **confession** of guilt, (2) a **confession** of faith

The prisoner made a full **confession** and admitted to his crime.

garbage

n. waste material, especially food waste and kitchen refuse

synonym: waste, trash, debris

(1) **garbage** collection, (2) lump of **garbage**

The **garbage** truck will be coming to pick up the trash every Monday morning.

creepy

adj. causing an uneasy feeling of fear or unease

synonym: eerie, unsettling, spooky

(1) feel **creepy**, (2) **creepy** atmosphere

The old, abandoned house was **creepy** and gave me the chills.

electron

n. a tiny particle with the negative electrical charge

synonym: negatron

(1) flow of **electrons**, (2) beam of **electrons**

The outermost **electron** shell determines the chemical properties of an atom.

workshop

n. a place where people work, especially one where they do manual or practical work; a brief intensive course for a small group

synonym: studio, laboratory, atelier

(1) **workshop** attendee, (2) carpentry **workshop**

The artist held a **workshop** to teach students how to paint with watercolors.

hack

v. to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks

synonym: cut, chop, crack

(1) **hack** through the jungle, (2) **hack** into the program

This blog offers a variety of tips for **hacking** everyday life.

fetish

n. an intense or irrational devotion or interest in something, often sexual one; an object or item that is believed to have magical or spiritual powers or significance

synonym: obsession, fixation, mania

(1) **fetish** object, (2) sexual **fetish**

She had a **fetish** for cleanliness and would spend hours cleaning her house.

motor

n. a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

synonym: actuator, engine, machine

(1) a **motor** mechanic, (2) DC **motor** control

Energy-efficient **motors** are needed to maximize the cruising distance of electric vehicles.

freak

n. an abnormality that is not typical or expected

synonym: anomaly, deviation, oddity

(1) a rock **freak**, (2) **freak** weather

The **freak** accident caused the car to flip over and land on its

roof.

laser

n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

synonym : beam, bar, ray

(1) **laser** printer, (2) pulse **laser**

The company holds patents on core components of **laser** jet printers.

awesome

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

synonym : miraculous, marvelous, astounding

(1) **awesome** mental faculty, (2) have an **awesome** birthday

There is a lot of **awesome** nature and food in Hawaii.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

amuse

v. to entertain or divert the mind; to make someone laugh

synonym : entertain, delight, divert

(1) **amuse** a baby with a rattle, (2) **amuse** guests

He **amused** himself by playing video games during his free time.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

lab

n. a workplace for the conduct of scientific research; a laboratory

synonym : workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

curiosity

n. a strong desire to know or learn about something

synonym : interest, inquisitiveness, novelty

(1) boundless **curiosity**, (2) satisfy my intellectual **curiosity**

We are motivated by **curiosity** rather than necessity.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym : illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

fascinating

adj. extremely interesting

synonym : alluring, intriguing, captivating

(1) **fascinating** story, (2) completely **fascinating** to me

The museum houses a **fascinating** collection of Celtic artifacts.

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym : prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

foster

v. to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents

synonym : nurture, nourish, cultivate

(1) **foster** a better relationship, (2) **foster** two kids
The pastor contributed to **fostering** the sense of a community embracing all classes.

unconventional

adj. not following traditional or commonly accepted beliefs, practices, or customs; not conforming to established norms or standards

synonym: nontraditional, avant-garde, bizarre

(1) in an **unconventional** manner, (2) **unconventional** ideas

Her **unconventional** approach to teaching has been a hit with the students.

validate

v. to check or prove that something is true; to make something officially or legally acceptable or approved

synonym: approve, certify, verify

(1) **validate** a hypothesis, (2) **validate** a passport

To **validate** your purchase, please visit the following link.

rigor

n. strictness or severity in opinion, temper, or judgment

synonym: strictness, exactness, accuracy

(1) the **rigor** of the law, (2) academic **rigor**

When the dead body was found, **rigor** mortis had already begun.

hardware

n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

synonym: gear, apparatus, gadget

(1) the **hardware** department, (2) a vast inventory of **hardware**

The mouse and keyboard are essential **hardware** for operating a PC.

dismantle

v. to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment

synonym: take apart, demolish, take down

(1) **dismantle** a machine, (2) **dismantle** a system
The old building had to be **dismantled** because it was structurally unsound.

innocent

adj. not guilty of a crime, offense, etc.; not having an evil mind or knowledge

synonym: blameless, honest, harmless

(1) an **innocent** child, (2) thousands of **innocent** people
My husband was found **innocent** of any crime.

implant

v. to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

synonym: insert, fix, place

(1) **implant** genes in the animals, (2) **implant** into the uterus
The doctor will **implant** a pacemaker to regulate his heart rate.

cellulose

n. a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials

synonym: fiber, paper, wood pulp

(1) **cellulose** acetate, (2) **cellulose** insulation
The **cellulose** content in fruits and vegetables contributes to their dietary fiber.

scaffold

n. a temporary platform or structure used to support workers and materials during construction or maintenance work

synonym: platform, staging, framework

(1) **scaffold** construction, (2) go to the **scaffold**
The construction workers set up the **scaffold** to reach the top of the building.

multiply

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

synonym: boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold
Multiply a number by itself twice.

weird

adj. extraordinary, unexpected, or difficult to explain
synonym: bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**
My computer has been acting **weird** recently.

reminiscent

adj. making you remember someone or something; relating to the recall of personal interests
synonym: evocative, remindful, redolent

(1) **reminiscent** of ancient times, (2) **reminiscent** smile
His painting style is **reminiscent** of Monet's

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function
synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**
The researcher separated the nervous **tissue** for microscopic examinations.

clinical

adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
synonym: dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials
She received special **clinical** training at the hospital.

instrument

n. an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
synonym: apparatus, tool, device

(1) musical **instruments**, (2) surgical **instruments**
This electronic **instrument** is required to undergo periodic inspections to ensure precision.

carving

n. the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design

synonym : sculpture, engraving, sculpture

(1) a wood **carving**, (2) **carving** instrument

The intricate **carving** on the wooden box was the work of a master craftsman.

carve

v. to create something by cutting wood or stone; to turn sharply

synonym : sculpt, engrave, cut

(1) **carve** a statue, (2) **carve** my name on the plate

This statue is **carved** from a single tree trunk.

manufacture

v. to make goods in large numbers, usually in a factory using machines

synonym : create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product

The majority of synthetic vitamins are **manufactured** from oil.

commerce

n. the activity of buying and selling things, especially on a large scale

synonym : trade, transaction, dealings

(1) interstate **commerce**, (2) the local chamber of **commerce**

This company has invested heavily in Internet **commerce**.

problematic

adj. full of difficulties; difficult to deal with or solve

synonym : inappropriate, inconvenient, worrisome

(1) a **problematic** situation, (2) seems to be highly **problematic**

Direct democracy is effective in quickly resolving **problematic** situations within a community.

proprietor

n. a person who owns and runs a business, especially a hotel, a shop, or a company

synonym : owner, keeper, possessor

(1) **proprietor** of a business, (2) copyright **proprietor**
The **proprietor** of the small bakery was always friendly and welcoming.

cadaver

n. a dead body, especially one used for scientific study or medical research

synonym: corpse, body, remains

(1) **cadaver** lab, (2) **cadaver** donor

The hospital received a donation of **cadavers** for their research program.

penny

n. a small denomination of currency or coin, typically the smallest unit of a currency system; in the US, a coin worth one cent

synonym: cent, coin, copper

(1) **penny** stock, (2) save a **penny**

I found a lucky **penny** on the ground while walking to work this morning.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

instruction

n. detailed direction, order, etc., on how to do or use something

synonym: education, direction, guidance

(1) individual **instruction**, (2) follow his **instructions**

They needed further **instruction** to perform their duties efficiently.

develop

- v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

kit

- n. a set of tools, supplies, or equipment for a particular purpose

synonym: set, package, bundle

(1) survival **kit**, (2) a first-aid **kit**

I bought a new tool **kit** for my home repair projects.

sink

- v. to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

synonym: descend, drop, plummet

(1) **sink** a lot of capital, (2) **sink** a buzzer-beater

The abandoned ship slowly began to **sink** into the murky waters of the harbor.

rebuild

- v. to build again or anew

synonym: reconstruct, renovate, restore

(1) **rebuild** a company, (2) **rebuild** communities

They are planning to **rebuild** the house after the fire.

augment

- v. to increase the size, extent, quantity, etc. of something by adding something to it

synonym: boost, increase, expand

(1) **augment** the reality, (2) **augment** immunity

Economic factors and monetary policy **augmented** inflation.

asparagus

n. a green vegetable with long, slender stalks and small, pointed leaves, often eaten boiled or steamed as a side dish

(1) **asparagus** salad, (2) **asparagus** soup

I love cooking **asparagus** with garlic and olive oil.

tasty

adj. having a strong and pleasant flavor when it is eaten

synonym: flavorful, delectable, delicious

(1) **tasty** treats, (2) prepare **tasty** food

This meal wasn't as **tasty** as we had imagined.

stalk

v. to follow or track someone or something closely and quietly, usually to cause harm or surveillance; to move slowly and quietly to avoid detection; (noun) the main stem of a plant that supports leaves, flowers, and fruit; the stem or main axis of a support structure or framework

synonym: follow, creep up on, (noun) stem

(1) **stalk** of celery, (2) **stalk** from the room

The hunter quietly **stalked** the deer for hours before taking the shot

vessel

n. a ship or large boat

synonym: boat, ship, craft

(1) blood **vessels**, (2) naval **vessels**

The **vessel** arrived in port the following day.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

nervous

adj. worried and anxious about something; relating to the nerves

synonym : neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

spinal

adj. of or relating to the spine (= the long bone in the body's back)

(1) **spinal** injury, (2) brain and **spinal** cord

The surgeon carefully confirmed how to remove the tumor to avoid damaging the **spinal** nerves.

cord

n. a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment

synonym : wire, cable, string

(1) spinal **cord**, (2) electrical **cord**

Your spinal **cord** is located deep within your body.

axon

n. a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell

(1) an **axon** of a nerve cell, (2) the **axon** terminals

We are developing a technology to promote the elongation and regeneration of sensory nerve **axons**.

neuron

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

synonym : nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

dam

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

synonym : barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

sever

v. to break or separate something by cutting, especially suddenly and forcibly

synonym : cut apart, separate, detach

(1) **sever** a rope, (2) **sever** a positive relationship

He **severed** a branch from a tree quickly.

pilot

n. a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water

synonym : aviator, flyer, chief

(1) a test **pilot**, (2) **pilot** production

The **pilot** exercised great care in landing.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym : architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

neurosurgeon

n. a medical doctor who specializes in the surgical treatment of conditions affecting the nervous system, including the brain, spinal cord, and peripheral nerves

synonym : brain surgeon, neurologist, surgical specialist

(1) skilled **neurosurgeon**, (2) leading **neurosurgeon**

The hospital recruited experienced **neurosurgeons** worldwide to treat complex neurological disorders comprehensively.

involve

v. to include or affect someone or something as a necessary part of something else

synonym : implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

breakdown

n. a failure or collapse of a system or organization

synonym: collapse, failure, malfunction

(1) a nervous **breakdown**, (2) **breakdown** maintenance

The **breakdown** of the machinery caused a delay in production.

malfunction

v. to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

synonym: misfunction, break down, fail

(1) **malfunction** alarm, (2) **malfunction** and start moving unpredictably

The car's engine **malfunctioned** on the highway, so we had to call for a tow truck.

Session 2: Spelling

1. fe___h object *n.* an intense or irrational devotion or interest in something, often sexual one; an object or item that is believed to have magical or spiritual powers or significance
2. satisfy my intellectual cu_____ty *n.* a strong desire to know or learn about something
3. s__k a buzzer-beater *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
4. ca__e a statue *v.* to create something by cutting wood or stone; to turn sharply
5. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
6. ta__y treats *adj.* having a strong and pleasant flavor when it is eaten
7. have an aw_____e birthday *adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.
8. a con_____on of faith *n.* a formal statement in which one admits that they have done something wrong or illegal

ANSWERS: 1. fetish, 2. curiosity, 3. sink, 4. carve, 5. develop, 6. tasty, 7. awesome, 8. confession

18. the state of being we__d *adj.* extraordinary, unexpected, or difficult to explain
19. carpentry wo____op *n.* a place where people work, especially one where they do manual or practical work; a brief intensive course for a small group
20. im____t genes in the animals *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
21. an in____nt child *adj.* not guilty of a crime, offense, etc.; not having an evil mind or knowledge
22. re____d communities *v.* to build again or anew
23. a civil en____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
24. the local chamber of co____ce *n.* the activity of buying and selling things, especially on a large scale
25. man____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
26. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
27. cl____al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
28. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 18. weird, 19. workshop, 20. implant, 21. innocent, 22. rebuild, 23. engineer, 24. commerce, 25. manufacture, 26. dam, 27. clinical, 28. decide

29. va____te a passport *v.* to check or prove that something is true; to make something officially or legally acceptable or approved
30. h__k through the jungle *v.* to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks
31. a vast inventory of ha____re *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
32. fas_____ng story *adj.* extremely interesting
33. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
34. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
35. mu_____ly about hundredfold *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
36. ce_____se insulation *n.* a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials
37. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

ANSWERS: 29. validate, 30. hack, 31. hardware, 32. fascinating, 33. structure, 34. biology, 35. multiply, 36. cellulose, 37. disease

38. musical ins_____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work
39. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
40. a con_____on of guilt *n.* a formal statement in which one admits that they have done something wrong or illegal
41. get ne_____s *adj.* worried and anxious about something; relating to the nerves
42. blood ve____ls *n.* a ship or large boat
43. pulse la__r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
44. as_____us salad *n.* a green vegetable with long, slender stalks and small, pointed leaves, often eaten boiled or steamed as a side dish
45. s__k a lot of capital *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
46. surgical ins_____nts *n.* an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

ANSWERS: 38. instrument, 39. lab, 40. confession, 41. nervous, 42. vessel, 43. laser, 44. asparagus, 45. sink, 46. instrument

57. ca____g instrument *n.* the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design
58. loss of muscle ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
59. beam of el____ons *n.* a tiny particle with the negative electrical charge
60. lump of ga____e *n.* waste material, especially food waste and kitchen refuse
61. in an unc_____nal manner *adj.* not following traditional or commonly accepted beliefs, practices, or customs; not conforming to established norms or standards
62. a nervous br_____wn *n.* a failure or collapse of a system or organization
63. copyright pro_____or *n.* a person who owns and runs a business, especially a hotel, a shop, or a company
64. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
65. follow his ins_____ons *n.* detailed direction, order, etc., on how to do or use something
66. academic ri__r *n.* strictness or severity in opinion, temper, or judgment
67. am__e a baby with a rattle *v.* to entertain or divert the mind; to make someone laugh
68. am__e guests *v.* to entertain or divert the mind; to make someone laugh

ANSWERS: 57. carving, 58. tissue, 59. electron, 60. garbage, 61. unconventional, 62. breakdown, 63. proprietor, 64. dam, 65. instruction, 66. rigor, 67. amuse, 68. amuse

69. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
70. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
71. as_____us soup *n.* a green vegetable with long, slender stalks and small, pointed leaves, often eaten boiled or steamed as a side dish
72. se__r a rope *v.* to break or separate something by cutting, especially suddenly and forcibly
73. unc_____nal ideas *adj.* not following traditional or commonly accepted beliefs, practices, or customs; not conforming to established norms or standards
74. a rock fr__k *n.* an abnormality that is not typical or expected
75. pro_____or of a business *n.* a person who owns and runs a business, especially a hotel, a shop, or a company
76. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
77. st__k of celery *v.* to follow or track someone or something closely and quietly, usually to cause harm or surveillance; to move slowly and quietly to avoid detection; (noun) the main stem of a plant that supports leaves, flowers, and fruit; the stem or main axis of a support structure or framework

ANSWERS: 69. disease, 70. engineer, 71. asparagus, 72. sever, 73. unconventional, 74. freak, 75. proprietor, 76. process, 77. stalk

78. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
79. seems to be highly pro_____ic *adj.* full of difficulties; difficult to deal with or solve
80. participate in cl_____al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
81. feel cr_____y *adj.* causing an uneasy feeling of fear or unease
82. ca__e my name on the plate *v.* to create something by cutting wood or stone; to turn sharply
83. la__r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
84. spinal c__d *n.* a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
85. ce_____se acetate *n.* a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials
86. save a pe__y *n.* a small denomination of currency or coin, typically the smallest unit of a currency system; in the US, a coin worth one cent

ANSWERS: 78. structure, 79. problematic, 80. clinical, 81. creepy, 82. carve, 83. laser, 84. cord, 85. cellulose, 86. penny

87. st__k from the room *v.* to follow or track someone or something closely and quietly, usually to cause harm or surveillance; to move slowly and quietly to avoid detection; (noun) the main stem of a plant that supports leaves, flowers, and fruit; the stem or main axis of a support structure or framework
88. di_____le a machine *v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment
89. excite the ne___ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
90. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
91. im_____t into the uterus *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
92. a we__d dress *adj.* extraordinary, unexpected, or difficult to explain
93. se__r a positive relationship *v.* to break or separate something by cutting, especially suddenly and forcibly
94. mu_____ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
95. ne___n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 87. stalk, 88. dismantle, 89. neuron, 90. equip, 91. implant, 92. weird, 93. sever, 94. multiply, 95. neuron

96. ga____e collection *n.* waste material, especially food waste and kitchen refuse
97. rem_____nt smile *adj.* making you remember someone or something; relating to the recall of personal interests
98. ca____r donor *n.* a dead body, especially one used for scientific study or medical research
99. decision-making pr____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
100. DC mo__r control *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
101. brain and sp___l cord *adj.* of or relating to the spine (= the long bone in the body's back)
102. survival k_t *n.* a set of tools, supplies, or equipment for a particular purpose
103. the a__n terminals *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
104. flow of el_____ons *n.* a tiny particle with the negative electrical charge
105. the ha_____re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

ANSWERS: 96. garbage, 97. reminiscent, 98. cadaver, 99. process, 100. motor, 101. spinal, 102. kit, 103. axon, 104. electron, 105. hardware

106. medical l_b	<i>n.</i> a workplace for the conduct of scientific research; a laboratory
107. pi__t production	<i>n.</i> a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
108. an a__n of a nerve cell	<i>n.</i> a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
109. mal_____on and start moving unpredictably	<i>v.</i> to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
110. br_____wn maintenance	<i>n.</i> a failure or collapse of a system or organization
111. the ri__r of the law	<i>n.</i> strictness or severity in opinion, temper, or judgment
112. a pro_____ic situation	<i>adj.</i> full of difficulties; difficult to deal with or solve
113. completely fas_____ng to me	<i>adj.</i> extremely interesting
114. de___e a question	<i>v.</i> to make up someone's mind about something; to come to a conclusion or judgment after considering options
115. fo___r a better relationship	<i>v.</i> to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
116. boundless cu_____ty	<i>n.</i> a strong desire to know or learn about something

ANSWERS: 106. lab, 107. pilot, 108. axon, 109. malfunction, 110. breakdown, 111. rigor, 112. problematic, 113. fascinating, 114. decide, 115. foster, 116. curiosity

117. development of the ne_____s system *adj.* worried and anxious about something; relating to the nerves
118. va_____te a hypothesis *v.* to check or prove that something is true; to make something officially or legally acceptable or approved
119. individual ins_____on *n.* detailed direction, order, etc., on how to do or use something
120. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
121. ca_____r lab *n.* a dead body, especially one used for scientific study or medical research
122. au_____t the reality *v.* to increase the size, extent, quantity, etc. of something by adding something to it
123. naval ve____ls *n.* a ship or large boat
124. a wood ca_____g *n.* the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design
125. man_____re a product *v.* to make goods in large numbers, usually in a factory using machines
126. fo____r two kids *v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
127. skilled neu_____eon *n.* a medical doctor who specializes in the surgical treatment of conditions affecting the nervous system, including the brain, spinal cord, and peripheral nerves

ANSWERS: 117. nervous, 118. validate, 119. instruction, 120. develop, 121. cadaver, 122. augment, 123. vessel, 124. carving, 125. manufacture, 126. foster, 127. neurosurgeon

128. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
129. fr__k weather *n.* an abnormality that is not typical or expected
130. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
131. mal_____on alarm *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
132. aw_____e mental faculty *adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.
133. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
134. di_____le a system *v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment
135. a first-aid k_t *n.* a set of tools, supplies, or equipment for a particular purpose
136. au_____t immunity *v.* to increase the size, extent, quantity, etc. of something by adding something to it
137. sp___l injury *adj.* of or relating to the spine (= the long bone in the body's back)
138. interstate co_____ce *n.* the activity of buying and selling things, especially on a large scale

ANSWERS: 128. involve, 129. freak, 130. involve, 131. malfunction, 132. awesome, 133. equip, 134. dismantle, 135. kit, 136. augment, 137. spinal, 138. commerce

ANSWERS:

Session 3: Fill in the Blanks

1. He _____ himself by playing video games during his free time.
v. to entertain or divert the mind; to make someone laugh

2. The intricate _____ on the wooden box was the work of a master craftsman.
n. the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design

3. This blog offers a variety of tips for _____ everyday life.
v. to hit and cut somebody or something roughly and violently; to find a bug in a computer program and break into their systems or networks

4. The investigation _____ several government agencies and is expected to take several months.
v. to include or affect someone or something as a necessary part of something else

5. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function

6. This electronic _____ is required to undergo periodic inspections to ensure precision.
n. an object used to make musical sounds, such as a piano, guitar, or drum; a tool or device used for a specific activity, particularly in specialist or scientific work

7. She couldn't _____ whether to order the pizza or the pasta for dinner.
v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 1. amused, 2. carving, 3. hacking, 4. involves, 5. tissue, 6. instrument, 7. decide

8. The _____ exercised great care in landing.
- n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
9. The abandoned ship slowly began to _____ into the murky waters of the harbor.
- v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
10. The prisoner made a full _____ and admitted to his crime.
- n.* a formal statement in which one admits that they have done something wrong or illegal
11. When the dead body was found, _____ mortis had already begun.
- n.* strictness or severity in opinion, temper, or judgment
12. The old, abandoned house was _____ and gave me the chills.
- adj.* causing an uneasy feeling of fear or unease
13. The pastor contributed to _____ the sense of a community embracing all classes.
- v.* to promote growth; to take care of another person's child, usually for a limited time, without becoming their legal parents
14. The hospital received a donation of _____ for their research program.
- n.* a dead body, especially one used for scientific study or medical research
15. I found a lucky _____ on the ground while walking to work this morning.
- n.* a small denomination of currency or coin, typically the smallest unit of a currency system; in the US, a coin worth one cent

ANSWERS: 8. pilot, 9. sink, 10. confession, 11. rigor, 12. creepy, 13. fostering, 14. cadavers, 15. penny

16. They are planning to _____ the house after the fire.
v. to build again or anew
17. The _____ of the small bakery was always friendly and welcoming.
n. a person who owns and runs a business, especially a hotel, a shop, or a company
18. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
19. The _____ of the machinery caused a delay in production.
n. a failure or collapse of a system or organization
20. Energy-efficient _____ are needed to maximize the cruising distance of electric vehicles.
n. a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
21. The mouse and keyboard are essential _____ for operating a PC.
n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
22. There is a lot of _____ nature and food in Hawaii.
adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.
23. I bought a new tool ____ for my home repair projects.
n. a set of tools, supplies, or equipment for a particular purpose

ANSWERS: 16. rebuild, 17. proprietor, 18. engineer, 19. breakdown, 20. motors, 21. hardware, 22. awesome, 23. kit

24. She had a _____ for cleanliness and would spend hours cleaning her house.
- n.* an intense or irrational devotion or interest in something, often sexual one; an object or item that is believed to have magical or spiritual powers or significance
25. The majority of synthetic vitamins are _____ from oil.
- v.* to make goods in large numbers, usually in a factory using machines
26. The _____ arrived in port the following day.
- n.* a ship or large boat
27. To _____ your purchase, please visit the following link.
- v.* to check or prove that something is true; to make something officially or legally acceptable or approved
28. We are motivated by _____ rather than necessity.
- n.* a strong desire to know or learn about something
29. All the supervisor has to do is assign tasks that make his subordinates more _____.
- adj.* relating to or involving the use of skill and original and unusual ideas to create something
30. The doctor will _____ a pacemaker to regulate his heart rate.
- v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
31. Economic factors and monetary policy _____ inflation.
- v.* to increase the size, extent, quantity, etc. of something by adding something to it

ANSWERS: 24. fetish, 25. manufactured, 26. vessel, 27. validate, 28. curiosity, 29. creative, 30. implant, 31. augmented

32. The organizational _____ of start-ups is often flat and straightforward.
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
33. The company holds patents on core components of _____ jet printers.
n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
34. Her _____ approach to teaching has been a hit with the students.
adj. not following traditional or commonly accepted beliefs, practices, or customs; not conforming to established norms or standards
35. My computer has been acting _____ recently.
adj. extraordinary, unexpected, or difficult to explain
36. The _____ for applying for a visa can be lengthy and complicated.
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
37. He _____ a branch from a tree quickly.
v. to break or separate something by cutting, especially suddenly and forcibly
38. The hunter quietly _____ the deer for hours before taking the shot
v. to follow or track someone or something closely and quietly, usually to cause harm or surveillance; to move slowly and quietly to avoid detection; (noun) the main stem of a plant that supports leaves, flowers, and fruit; the stem or main axis of a support structure or framework

ANSWERS: 32. structure, 33. laser, 34. unconventional, 35. weird, 36. process, 37. severed, 38. stalked

39. The outermost _____ shell determines the chemical properties of an atom.
n. a tiny particle with the negative electrical charge
40. They needed further _____ to perform their duties efficiently.
n. detailed direction, order, etc., on how to do or use something
41. The doctor diagnosed him with a rare _____ that had no known cure.
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
42. We must _____ a new system to streamline our workflow and increase efficiency.
v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
43. The construction company _____ the building with an earthquake-resistant device.
v. to provide a person or a place with the things that are needed for a particular purpose or activity
44. The _____ content in fruits and vegetables contributes to their dietary fiber.
n. a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials
45. The artist held a _____ to teach students how to paint with watercolors.
n. a place where people work, especially one where they do manual or practical work; a brief intensive course for a small group
46. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory

ANSWERS: 39. electron, 40. instruction, 41. disease, 42. develop, 43. equipped, 44. cellulose, 45. workshop, 46. lab

47. The break in the ____ threatened the valley.

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

48. Direct democracy is effective in quickly resolving _____ situations within a community.

adj. full of difficulties; difficult to deal with or solve

49. This company has invested heavily in Internet _____.

n. the activity of buying and selling things, especially on a large scale

50. She received special _____ training at the hospital.

adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

51. In junior high school, we had to dissect a frog in _____ class.

n. the scientific study of life and the natural processes of living things

52. _____ a number by itself twice.

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

53. I love cooking _____ with garlic and olive oil.

n. a green vegetable with long, slender stalks and small, pointed leaves, often eaten boiled or steamed as a side dish

54. The _____ accident caused the car to flip over and land on its roof.

n. an abnormality that is not typical or expected

ANSWERS: 47. dam, 48. problematic, 49. commerce, 50. clinical, 51. biology, 52. Multiply, 53. asparagus, 54. freak

55. The old building had to be _____ because it was structurally unsound.
v. to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment
56. This meal wasn't as _____ as we had imagined.
adj. having a strong and pleasant flavor when it is eaten
57. He suffers from _____ breakdowns.
adj. worried and anxious about something; relating to the nerves
58. Your spinal _____ is located deep within your body.
n. a strong, thick, or thin thread or rope; a piece of plastic-coated wire used to transport electricity to a piece of equipment
59. My husband was found _____ of any crime.
adj. not guilty of a crime, offense, etc.; not having an evil mind or knowledge
60. The _____ truck will be coming to pick up the trash every Monday morning.
n. waste material, especially food waste and kitchen refuse
61. The construction workers set up the _____ to reach the top of the building.
n. a temporary platform or structure used to support workers and materials during construction or maintenance work
62. The surgeon carefully confirmed how to remove the tumor to avoid damaging the _____ nerves.
adj. of or relating to the spine (= the long bone in the body's back)
63. We are developing a technology to promote the elongation and regeneration of sensory nerve _____.
n. a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell

ANSWERS: 55. dismantled, 56. tasty, 57. nervous, 58. cord, 59. innocent, 60. garbage, 61. scaffold, 62. spinal, 63. axons

64. This statue is _____ from a single tree trunk.

v. to create something by cutting wood or stone; to turn sharply

65. The car's engine _____ on the highway, so we had to call for a tow truck.

v. to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

66. His painting style is _____ of Monet's

adj. making you remember someone or something; relating to the recall of personal interests

67. The museum houses a _____ collection of Celtic artifacts.

adj. extremely interesting

68. The hospital recruited experienced _____ worldwide to treat complex neurological disorders comprehensively.

n. a medical doctor who specializes in the surgical treatment of conditions affecting the nervous system, including the brain, spinal cord, and peripheral nerves

69. Our body transfers information along each _____ using an electrical impulse.

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 64. carved, 65. malfunctioned, 66. reminiscent, 67. fascinating, 68. neurosurgeons, 69. neuron