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Vocabulary Builder Reference from...

Lee Cronin: Print your own medicine | TED Talk

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All Words

IMPORTANT

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Session 1: Word List

organic

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

synonym : biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

chemistry

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym : particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym : complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

chop

v. to cut something into pieces with a sharp tool, such as a knife

synonym: cut, hack, slice

(1) **chop** wood, (2) **chop** a meet with a knife

The cook **chopped** the vegetables for the soup.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

synonym: overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

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.

universal

adj. existing or affecting everywhere or everyone

synonym: common, broad, worldwide

(1) **universal** life, (2) principles of **universal** design

The picture earned near- **universal** acclaim from critics.

essence

n. the basic or most important part or quality of something that makes it what it is

synonym: core, nature, disposition

(1) vanilla **essence**, (2) universal **essence**

University teaches the art of understanding the **essence** of the matter.

app

n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

synonym: application, software

(1) killer **app**, (2) cannot log in to the **app**

The discovery of a critical bug caused the company to delay the **app's** release.

beak

n. the hard and pointed or curved mouse of a bird

synonym: nib, pecker, snoot

(1) sharp **beak**, (2) a tip of the **beak**

The bird's **beak** evolves according to the type of prey it can take on the area.

tube

n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

synonym: pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The **tube** train was packed with commuters during rush hour.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

ware

n. goods or merchandise that are offered for sale, typically referring to items that are produced in large quantities, such as kitchenware, software, and hardware

synonym: merchandise, product, goods

(1) **ware** store, (2) bamboo **ware**

The store sells a wide range of porcelain **ware**, including plates, bowls, and mugs.

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.

toolkit

n. a set of tools, materials, or resources that are designed to be used together for a specific purpose or task; a collection of information or techniques that can be used to address a problem or achieve a goal

synonym: tool set, equipment, utility kit

(1) handy **toolkit**, (2) digital **toolkit**

The DIY **toolkit** includes a variety of power and hand tools for home repair.

embed

v. to fix or set firmly in a surrounding mass

synonym: entrench, fix, set

(1) **embed** scripts in the message, (2) **embed** a sensor

The company **embedded** a tracking code in the product's packaging to monitor its shipment.

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.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

engine

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

synonym: motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures

and plants, and are often a cause of disease

synonym : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

embedded

adj. fixed firmly into the surface of something

synonym : ingrained, implanted, inserted

(1) **embedded** systems, (2) LED- **embedded** glass

The **embedded** chip in my credit card allows me to make contactless payments.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

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**.

software

n. a set of computer programs and associated documentation and data for doing particular computational jobs

synonym : program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

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.

download

v. to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

synonym : load, save, transfer

(1) **download** files from the Internet, (2) **download** the assignment from the website

I need to **download** the latest update for my computer's operating system.

blueprint

n. a photographic print of an early plan for a building or machine

synonym : draft, prototype, sketch

(1) **blueprint** for economic reform, (2) architect's **blueprint**

A business plan is a **blueprint** for your success.

ultimate

adj. furthest or highest in degree or order

synonym : highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

medicinal

adj. of or relating to the treatment or cure of disease

synonym : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

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.

deploy

v. to move troops or weapons into a position or military action; to bring into something in an effective way

synonym : set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym : identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

bug

n. any tiny insect; a fault or defect in a computer program, system, or machine

synonym : insect, bacterium, microbe

(1) **bug** bites, (2) number of **bug** fixes

I found a stink **bug** crawling across the ceiling.

emerge

v. to move out of or away from something and become visible

synonym : arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

threat

n. a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

synonym: menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**

The **threat** of severe weather prompted the city to issue an evacuation warning.

molecular

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

synonym: microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

Molecular weight is the sum of all the atoms.

assembly

n. a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

synonym: crowd, gathering, mass

(1) **assembly** line, (2) **assembly** hall

This company's **assembly** plant is an enormous facility.

stem

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

synonym: branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick

A rose has thorns on its **stem**.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

fanciful

adj. characterized by or involving imaginative and unrealistic ideas or concepts; existing or perceived only in the imagination

synonym: imaginative, whimsical, fantastic

(1) **fanciful** idea, (2) **fanciful** tale

Her **fanciful** imagination allowed her to dream up incredible stories.

fabricate

v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

synonym: manufacture, assemble, falsify

(1) **fabricate** a chemical, (2) **fabricate** an excuse

The detective discovered that the witness had **fabricated** her story about the crime.

beam

n. a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

synonym: ray, ray of light, shaft of light

(1) **beam** of light, (2) a structural **beam** of a building

The sun's **beam** shone through the window and illuminated the room.

Session 2: Spelling

- | | |
|-----------------------------------|--|
| 1. em____ed systems | <i>adj.</i> fixed firmly into the surface of something |
| 2. em___e as a butterfly | <i>v.</i> to move out of or away from something and become visible |
| 3. number of b_g fixes | <i>n.</i> any tiny insect; a fault or defect in a computer program, system, or machine |
| 4. a civil en_____er | <i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software |
| 5. professor of ch_____ry | <i>n.</i> the branch of the natural sciences dealing with the composition of substances and their properties and reactions |
| 6. the ul_____te luxury | <i>adj.</i> furthest or highest in degree or order |
| 7. principles of un_____al design | <i>adj.</i> existing or affecting everywhere or everyone |
| 8. em__d scripts in the message | <i>v.</i> to fix or set firmly in a surrounding mass |
| 9. medical l_b | <i>n.</i> a workplace for the conduct of scientific research; a laboratory |
| 10. un_____al life | <i>adj.</i> existing or affecting everywhere or everyone |
| 11. the ch_____ry of soil | <i>n.</i> the branch of the natural sciences dealing with the composition of substances and their properties and reactions |

ANSWERS: 1. embedded, 2. emerge, 3. bug, 4. engineer, 5. chemistry, 6. ultimate, 7. universal, 8. embed, 9. lab, 10. universal, 11. chemistry

12. the s__m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
13. de___y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
14. de___y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
15. mo_____ar biology *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
16. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
17. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
18. mo_____ar structure *adj.* of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
19. fa_____te a chemical *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
20. LED-em_____ed glass *adj.* fixed firmly into the surface of something

ANSWERS: 12. stem, 13. deploy, 14. deploy, 15. molecular, 16. biology, 17. software, 18. molecular, 19. fabricate, 20. embedded

21. a steam en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
22. handy to____t *n.* a set of tools, materials, or resources that are designed to be used together for a specific purpose or task; a collection of information or techniques that can be used to address a problem or achieve a goal
23. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
24. a tip of the b__k *n.* the hard and pointed or curved mouse of a bird
25. c__p a meet with a knife *v.* to cut something into pieces with a sharp tool, such as a knife
26. a ch_____al compound *adj.* relating to or connected with chemistry;
27. or_____c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
28. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
29. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
30. b__m of light *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source

ANSWERS: 21. engine, 22. toolkit, 23. complicated, 24. beak, 25. chop, 26. chemical, 27. organic, 28. engineer, 29. molecule, 30. beam

31. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
32. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
33. the ul_____te goal in life *adj.* furthest or highest in degree or order
34. eat or_____c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
35. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
36. environmental th_____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
37. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
38. do_____ad the assignment from the website *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

ANSWERS: 31. environment, 32. complicated, 33. ultimate, 34. organic, 35. bacteria, 36. threat, 37. molecule, 38. download

39. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
40. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
41. naval ve___ls *n.* a ship or large boat
42. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
43. co_____e augmented reality *v.* to join or merge to form a single thing or group
44. re_____e the order *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
45. a structural b__m of a building *n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
46. fa_____te an excuse *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
47. vanilla es_____e *n.* the basic or most important part or quality of something that makes it what it is

ANSWERS: 39. tube, 40. device, 41. vessel, 42. discovery, 43. combine, 44. reverse, 45. beam, 46. fabricate, 47. essence

48. traditional me_____al *adj.* of or relating to the treatment or cure of disease
49. w__e store *n.* goods or merchandise that are offered for sale, typically referring to items that are produced in large quantities, such as kitchenware, software, and hardware
50. 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
51. em___e from poverty *v.* to move out of or away from something and become visible
52. di_____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
53. bl_____nt for economic reform *n.* a photographic print of an early plan for a building or machine
54. fa_____ul idea *adj.* characterized by or involving imaginative and unrealistic ideas or concepts; existing or perceived only in the imagination
55. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
56. architect's bl_____nt *n.* a photographic print of an early plan for a building or machine
57. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 48. medicinal, 49. ware, 50. hardware, 51. emerge, 52. diagnose, 53. blueprint, 54. fanciful, 55. reverse, 56. blueprint, 57. device

58. an air-cooled en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
59. so_____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
60. do_____ad files from the Internet *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
61. fa_____ul tale *adj.* characterized by or involving imaginative and unrealistic ideas or concepts; existing or perceived only in the imagination
62. economic th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
63. blood ve____ls *n.* a ship or large boat
64. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

ANSWERS: 58. engine, 59. software, 60. download, 61. fanciful, 62. threat, 63. vessel, 64. bacteria

65. bamboo w__e *n.* goods or merchandise that are offered for sale, typically referring to items that are produced in large quantities, such as kitchenware, software, and hardware
66. b_g bites *n.* any tiny insect; a fault or defect in a computer program, system, or machine
67. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
68. universal es_____e *n.* the basic or most important part or quality of something that makes it what it is
69. c__p wood *v.* to cut something into pieces with a sharp tool, such as a knife
70. s__m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
71. as_____ly hall *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
72. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
73. man_____re a product *v.* to make goods in large numbers, usually in a factory using machines
74. digital to_____t *n.* a set of tools, materials, or resources that are designed to be used together for a specific purpose or task; a collection of information or techniques that can be used to address a problem or achieve a goal

ANSWERS: 65. ware, 66. bug, 67. medicinal, 68. essence, 69. chop, 70. stem, 71. assembly, 72. diagnose, 73. manufacture, 74. toolkit

75. cannot log in to the a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
76. em__d a sensor *v.* to fix or set firmly in a surrounding mass
77. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
78. the ha____re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
79. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
80. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
81. co____e chemically with another substance *v.* to join or merge to form a single thing or group
82. sharp b__k *n.* the hard and pointed or curved mouse of a bird
83. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
84. toxic ch____als *adj.* relating to or connected with chemistry;
85. man_____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines

ANSWERS: 75. app, 76. embed, 77. app, 78. hardware, 79. tube, 80. lab, 81. combine, 82. beak, 83. environment, 84. chemical, 85. manufacture

86. as_____ly line *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
87. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
88. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things

ANSWERS: 86. assembly, 87. discovery, 88. biology

Session 3: Fill in the Blanks

1. 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
2. I always carry a backup _____ in case my phone runs out of battery.
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
3. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
4. During colonial eras, new migratory patterns _____.
v. to move out of or away from something and become visible
5. I need to _____ the latest update for my computer's operating system.
v. to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
6. The company _____ a tracking code in the product's packaging to monitor its shipment.
v. to fix or set firmly in a surrounding mass
7. This company's _____ plant is an enormous facility.
n. a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
8. I found a stink ____ crawling across the ceiling.
n. any tiny insect; a fault or defect in a computer program, system, or machine

ANSWERS: 1. biology, 2. device, 3. combine, 4. emerged, 5. download, 6. embedded, 7. assembly, 8. bug

9. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
10. This device is used to _____ brain cancer and other tumors.
v. to determine or distinguish the nature of a problem or an illness through a careful analysis
11. The company specializes in both hardware and _____.
n. a set of computer programs and associated documentation and data for doing particular computational jobs
12. The majority of synthetic vitamins are _____ from oil.
v. to make goods in large numbers, usually in a factory using machines
13. Management must take _____ responsibility for the accident.
adj. furthest or highest in degree or order
14. The _____ of severe weather prompted the city to issue an evacuation warning.
n. a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
15. _____ weight is the sum of all the atoms.
adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
16. A business plan is a _____ for your success.
n. a photographic print of an early plan for a building or machine

ANSWERS: 9. engineer, 10. diagnose, 11. software, 12. manufactured, 13. ultimate, 14. threat, 15. Molecular, 16. blueprint

17. The cook _____ the vegetables for the soup.

v. to cut something into pieces with a sharp tool, such as a knife

18. The discovery of a critical bug caused the company to delay the _____ release.

n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

19. A rose has thorns on its _____.

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

20. The shape of the DNA _____ is a double helix.

n. a group of two or more atoms held together by attractive forces known as chemical bonds

21. Every human is responsible for taking care of the Earth's _____.

n. the natural world such as air, water, and land in which humans, animals, and plants live

22. He is familiar with _____ and biology.

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

23. The bird's _____ evolves according to the type of prey it can take on the area.

n. the hard and pointed or curved mouse of a bird

24. The kidney is an _____ component of the body.

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

ANSWERS: 17. chopped, 18. app's, 19. stem, 20. molecule, 21. environment, 22. chemistry, 23. beak, 24. organic

25. The sun's _____ shone through the window and illuminated the room.
- n.* a long, sturdy piece of timber, metal, or other material used to support a structure or span a distance; a ray or stream of light emitted by a source
26. The detective discovered that the witness had _____ her story about the crime.
- v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
27. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
28. 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
29. The DIY _____ includes a variety of power and hand tools for home repair.
- n.* a set of tools, materials, or resources that are designed to be used together for a specific purpose or task; a collection of information or techniques that can be used to address a problem or achieve a goal
30. Her _____ imagination allowed her to dream up incredible stories.
- adj.* characterized by or involving imaginative and unrealistic ideas or concepts; existing or perceived only in the imagination
31. The _____ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease

ANSWERS: 25. beam, 26. fabricated, 27. discovery, 28. hardware, 29. toolkit, 30. fanciful, 31. medicinal

32. The restaurant _____ a ban on smoking.

- v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

33. The _____ train was packed with commuters during rush hour.

- n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

34. The firm has grown into a large _____ manufacturing.

- adj.* relating to or connected with chemistry;

35. University teaches the art of understanding the _____ of the matter.

- n.* the basic or most important part or quality of something that makes it what it is

36. He did _____ pen-and-ink drawings in just a few days.

- adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

37. The _____ chip in my credit card allows me to make contactless payments.

- adj.* fixed firmly into the surface of something

38. The picture earned near-_____ acclaim from critics.

- adj.* existing or affecting everywhere or everyone

39. _____ prevalent in hospitals are often resistant to antibiotics.

- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

ANSWERS: 32. reversed, 33. tube, 34. chemical, 35. essence, 36. complicated, 37. embedded, 38. universal, 39. Bacteria

40. The store sells a wide range of porcelain _____ including plates, bowls, and mugs.
- n.* goods or merchandise that are offered for sale, typically referring to items that are produced in large quantities, such as kitchenware, software, and hardware
41. The policies he announces can be the _____ of economic growth in the country.
- n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
42. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
43. This country _____ its weapons in the east region.
- v.* to move troops or weapons into a position or military action; to bring into something in an effective way
44. The _____ arrived in port the following day.
- n.* a ship or large boat

ANSWERS: 40. ware, 41. engine, 42. lab, 43. deployed, 44. vessel