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Vocabulary Builder Reference from...

Alex Rosenthal: The Furnace Bots | Think Like A Coder, Ep 3 | TED Talk

https://www.ted.com/talks/alex_rosenthal_the_furnace_bots_think_like_a_coder_ep_3

All Words

IMPORTANT

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Session 1: Word List

ethic

n. a set of moral or philosophical principles or values that guide the behavior or actions of an individual, group, or society; the study or inquiry into the nature of morality and moral systems

synonym : moral code, code of conduct, principles

(1) moral **ethic**, (2) professional **ethic**

Having a strong work **ethic** is important for success in any field.

hedge

n. a fence formed by a line of bushes or shrubs; (verb) limit or avoid something such as duties, issues, and questions by conditions or exceptions

synonym : border, fence, barrier

(1) snip at a **hedge**, (2) **hedge** fund firm

The best way to **hedge** financial risks is to diversify your portfolio.

resistance

n. the act of defending oneself from an aggressor or refusing to accept something

synonym : opposition, antagonism, defiance

(1) **resistance** movement, (2) **resistance** to insulin

The bill to increase the consumption tax had passed despite much **resistance** from the public.

sabotage

n. the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies

synonym: sabotage, subversion, destruction

(1) act of **sabotage**, (2) **sabotage** mission

The **sabotage** of the factory's equipment caused significant damage.

incinerate

v. to burn something, especially waste material completely

synonym: burn

(1) **incinerate** waste, (2) the power to **incinerate** nations

For safety reasons, we must completely **incinerate** contaminated protective clothing.

furnace

n. an enclosed chamber for heating metal or glass to very high temperatures

synonym: incinerator

(1) electrical **furnace**, (2) gas-fired **furnace**

In the **furnace**, the metal gleamed with radiance.

exchange

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

synonym: trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words

My sister and I frequently **exchange** books, as we love reading.

quest

n. a long or challenging search for something

synonym: exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness

That adventurer traveled in **quest** of buried treasure.

artifact

n. a person-made object, especially one of historical or cultural interest

synonym : antique, relic, heirloom

(1) paleolithic **artifacts**, (2) Peruvian **artifacts**

The museum has a vast collection of Greek **artifacts**.

bot

n. a computer program or software application that is capable of performing automated tasks, often on the internet; a type of electronic device that provides autonomous service or assistance to users

synonym : robot, droid, android

(1) spam **bot**, (2) **bot** detection

The translation **bot** helped me translate a website from another country.

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym : incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

serial

adj. consisting of or occurring in a series or sequence; relating to or involving a series or sequence of events, stories, or incidents

synonym : consecutive, sequential, successive

(1) **serial** killer, (2) **serial** number

The company is launching a new line of **serial** products aimed at young adults.

identical

adj. being the exact same one

synonym : duplicate, exact, analogous

(1) pair of **identical** twins, (2) an **identical** equation

Infant formulas are nutritionally almost **identical** to a mother's breast milk.

inherit

v. to receive money, property, or a title from someone after they have died

synonym : obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

inscribe

v. to write or carve something on a surface, especially as a formal or permanent record

synonym : engrave, carve, etch

(1) **inscribe** a message, (2) **inscribe** in her mind clearly

The artist **inscribed** a beautiful design on the surface of the vase.

shell

n. hard outer covering or case of eggs, nuts, some seeds, and some animals

synonym : ammunition, armor, cover

(1) an egg **shell**, (2) a mollusk **shell**

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

offspring

n. descendant; any immature animal or plant

synonym : children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

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.

crystal

n. a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica

synonym : quartz

(1) liquid **crystal**, (2) **crystal** analyses

A vast **crystal** chandelier glittered brightly above us.

upload

v. to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files

synonym: transfer, load up

(1) **upload** files, (2) **upload** documents to the portal

I need to **upload** these pictures to my computer to edit them.

override

v. to use one's authority or power to cancel or disregard something, especially a decision or rule made by someone else

synonym: overrule, annul, nullify

(1) **override** the system, (2) **override** a veto

The CEO decided to **override** the decision made by the lower-level managers.

destroy

v. to ruin or damage severely or completely; to eradicate or eliminate completely

synonym: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

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.

fortunate

adj. having good luck or lucky

synonym: fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

variable

adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed

synonym : erratic, inconsistent, irregular

(1) a **variable** species, (2) a dependent **variable**

Rainfall in the tropics is highly **variable**.

pause

v. to take a short break from talking or doing something before continuing

synonym : halt, break, intermit

(1) **pause** a moment, (2) **pause** for a reaction

The man **paused** before opening the door.

hint

n. an indirect suggestion; a slight but appreciable amount of something

synonym : clue, indication, suggestion

(1) **hint** of trouble, (2) helpful **hints**

There was no **hint** of a problem.

replace

v. to take the place of something

synonym : substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

insight

n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

synonym : wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

relation

n. the way two persons or groups of people feel and act toward one another

synonym : association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

straight

adj. extending or moving in one direction without bending or curving; having no deviations

synonym : linear, honest, consecutive

(1) a **straight** line, (2) **straight** for two months

He was sick for five **straight** days.

craft

n. an activity that requires a particular skill in making things with one's hands

synonym : art, skill, workmanship

(1) **craft** arts of Japan, (2) **craft** manufacture

His hometown was where he first acquired the **craft** of wood carving.

simplify

v. to make something more straightforward, more understandable, or easier to do

synonym : streamline, clarify, elucidate

(1) **simplify** my life, (2) **simplify** the process

Please **simplify** your explanation for the children.

scenario

n. a description of possible actions or events in the future; a written outline of a play, film, or literary work

synonym : plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different

scenarios

The president prepared several possible **scenarios** for an enemy attack.

guarantee

v. to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met

synonym : assure, promise, warrant

(1) **guarantee** a high quality, (2) **guarantee** women equality

We cannot **guarantee** enough raw material sources.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym : arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

loop

n. a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself

synonym : circle, curl, spiral

(1) exit from a **loop**, (2) positive feedback **loop**

Many people in this city use the **loop** railway for transportation.

overwrite

v. to replace or overwrite existing data or information with new data, often in the context of computer files or software

synonym : rewrite, correct, revise

(1) **overwrite** setting, (2) **overwrite** memory

Don't forget to back up your data before you **overwrite** any files on your computer.

repetition

n. the act of doing or saying something many times

synonym : duplication, iteration, recurrence

(1) **repetition** of the word, (2) habitual **repetition**

Repetition is the mother of all learning.

blink

v. to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way

synonym : twinkle, flash, flicker

(1) **blink** his eyes, (2) **blink** in astonishment

He **blinked** in the dazzling sunlight.

mechanical

adj. operated by a machine, relating to or concerned with machinery or tools

synonym : machinelike, automated, automatic

(1) a **mechanical** style of writing, (2) the influence of **mechanical** action

A **mechanical** engineer is still in demand in many companies.

bout

n. a short period of intense activity or experience; a match or contest, especially in boxing or wrestling; a period of illness or disease

synonym : match, round, contest

(1) **bout** of coughing, (2) boxing **bout**

He had a **bout** of anxiety before his big presentation.

flame

n. a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger

synonym : blaze, inferno, fire

(1) **flame** of passion, (2) simmering **flame**

The **flame** of the candle flickered in the darkness of the room.

artistic

adj. of or relating to art or artist; satisfying aesthetic standards and sensibilities

synonym : beautiful, aesthetic, creative

(1) an **artistic** photograph, (2) cultural and **artistic** activity

Promising entrepreneurs often have a high **artistic** sensibility.

honor

n. high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone

synonym : integrity, virtue, acclaim

(1) womanly **honor**, (2) **honor** our ancestors

I claim on my **honor** that it is true.

locate

v. to specify or determine the exact position of someone or something

synonym : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

immediately

adv. now or without delay

synonym : directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer

immediately

A suspension order from the court is effective **immediately**.

Session 2: Spelling

- | | |
|-----------------------------------|---|
| 1. a mollusk sh__l | <i>n.</i> hard outer covering or case of eggs, nuts, some seeds, and some animals |
| 2. si____fy my life | <i>v.</i> to make something more straightforward, more understandable, or easier to do |
| 3. bombs fell at ra___m | <i>adj.</i> made, done, or happening without method, conscious decision, or any regular pattern |
| 4. pa__e a moment | <i>v.</i> to take a short break from talking or doing something before continuing |
| 5. the power to inc____te nations | <i>v.</i> to burn something, especially waste material completely |
| 6. in____be a message | <i>v.</i> to write or carve something on a surface, especially as a formal or permanent record |
| 7. womanly ho__r | <i>n.</i> high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone |
| 8. paleolithic ar____cts | <i>n.</i> a person-made object, especially one of historical or cultural interest |
| 9. moral et__c | <i>n.</i> a set of moral or philosophical principles or values that guide the behavior or actions of an individual, group, or society; the study or inquiry into the nature of morality and moral systems |

ANSWERS: 1. shell, 2. simplify, 3. random, 4. pause, 5. incinerate, 6. inscribe, 7. honor, 8. artifact, 9. ethic

10. spam b_t *n.* a computer program or software application that is capable of performing automated tasks, often on the internet; a type of electronic device that provides autonomous service or assistance to users
11. si_____fy the process *v.* to make something more straightforward, more understandable, or easier to do
12. lo___e a tumor *v.* to specify or determine the exact position of someone or something
13. a profound in_____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
14. a st_____ht line *adj.* extending or moving in one direction without bending or curving; having no deviations
15. cr__t arts of Japan *n.* an activity that requires a particular skill in making things with one's hands
16. re_____e a phone *v.* to take the place of something
17. an ar_____ic photograph *adj.* of or relating to art or artist; satisfying aesthetic standards and sensibilities
18. cr__t manufacture *n.* an activity that requires a particular skill in making things with one's hands
19. the DNA se_____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
20. an egg sh__l *n.* hard outer covering or case of eggs, nuts, some seeds, and some animals

ANSWERS: 10. bot, 11. simplify, 12. locate, 13. insight, 14. straight, 15. craft, 16. replace, 17. artistic, 18. craft, 19. sequence, 20. shell

21. a dependent va_____le *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
22. ov_____te memory *v.* to replace or overwrite existing data or information with new data, often in the context of computer files or software
23. de_____yed evidence *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
24. produce of_____ng *n.* descendant; any immature animal or plant
25. bl__k his eyes *v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
26. ov_____te setting *v.* to replace or overwrite existing data or information with new data, often in the context of computer files or software
27. a ra___m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
28. bl__k in astonishment *v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
29. in_____t estate *v.* to receive money, property, or a title from someone after they have died
30. res_____ce to insulin *n.* the act of defending oneself from an aggressor or refusing to accept something

ANSWERS: 21. variable, 22. overwrite, 23. destroy, 24. offspring, 25. blink, 26. overwrite, 27. random, 28. blink, 29. inherit, 30. resistance

31. positive feedback l__p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
32. ho__r our ancestors *n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone
33. cultural and ar____ic activity *adj.* of or relating to art or artist; satisfying aesthetic standards and sensibilities
34. sa____ge mission *n.* the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies
35. re____e one word with another *v.* to take the place of something
36. number of different sc____ios *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
37. habitual rep____on *n.* the act of doing or saying something many times
38. pa__e for a reaction *v.* to take a short break from talking or doing something before continuing
39. the se____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 31. loop, 32. honor, 33. artistic, 34. sabotage, 35. replace, 36. scenario, 37. repetition, 38. pause, 39. sequence

40. 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
41. ex____ge rate *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
42. cr____l analyses *n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
43. the qu__t for truth *n.* a long or challenging search for something
44. h__t of trouble *n.* an indirect suggestion; a slight but appreciable amount of something
45. act of sa____ge *n.* the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies

ANSWERS: 40. process, 41. exchange, 42. crystal, 43. quest, 44. hint, 45. sabotage

46. gu_____ee women equality *v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met
47. an id_____al equation *adj.* being the exact same one
48. b_t detection *n.* a computer program or software application that is capable of performing automated tasks, often on the internet; a type of electronic device that provides autonomous service or assistance to users
49. up____d documents to the portal *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
50. st_____ht for two months *adj.* extending or moving in one direction without bending or curving; having no deviations
51. ov_____de the system *v.* to use one's authority or power to cancel or disregard something, especially a decision or rule made by someone else
52. gas-fired fu_____e *n.* an enclosed chamber for heating metal or glass to very high temperatures
53. Peruvian ar_____cts *n.* a person-made object, especially one of historical or cultural interest
54. fl__e of passion *n.* a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger

ANSWERS: 46. guarantee, 47. identical, 48. bot, 49. upload, 50. straight, 51. override, 52. furnace, 53. artifact, 54. flame

55. electrical fu____e *n.* an enclosed chamber for heating metal or glass to very high temperatures
56. individual ins_____on *n.* detailed direction, order, etc., on how to do or use something
57. write him an answer imm_____ly *adv.* now or without delay
58. exit from a l__p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
59. the worst case sc_____io *n.* a description of possible actions or events in the future; a written outline of a play, film, or literary work
60. a va_____le species *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
61. se___l number *adj.* consisting of or occurring in a series or sequence; relating to or involving a series or sequence of events, stories, or incidents
62. pair of id_____al twins *adj.* being the exact same one
63. se___l killer *adj.* consisting of or occurring in a series or sequence; relating to or involving a series or sequence of events, stories, or incidents
64. the influence of mec_____al action *adj.* operated by a machine, relating to or concerned with machinery or tools
65. ov_____de a veto *v.* to use one's authority or power to cancel or disregard something, especially a decision or rule made by someone else

ANSWERS: 55. furnace, 56. instruction, 57. immediately, 58. loop, 59. scenario, 60. variable, 61. serial, 62. identical, 63. serial, 64. mechanical, 65. override

66. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
67. in_____t ancestral property *v.* to receive money, property, or a title from someone after they have died
68. up____d files *v.* to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
69. in_____be in her mind clearly *v.* to write or carve something on a surface, especially as a formal or permanent record
70. inc_____te waste *v.* to burn something, especially waste material completely
71. snip at a he__e *n.* a fence formed by a line of bushes or shrubs; (verb) limit or avoid something such as duties, issues, and questions by conditions or exceptions
72. simmering fl__e *n.* a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger
73. boxing b__t *n.* a short period of intense activity or experience; a match or contest, especially in boxing or wrestling; a period of illness or disease
74. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
75. follow his ins_____ons *n.* detailed direction, order, etc., on how to do or use something

ANSWERS: 66. relation, 67. inherit, 68. upload, 69. inscribe, 70. incinerate, 71. hedge, 72. flame, 73. bout, 74. locate, 75. instruction

76. res_____ce movement *n.* the act of defending oneself from an aggressor or refusing to accept something
77. a mec_____al style of writing *adj.* operated by a machine, relating to or concerned with machinery or tools
78. share my in_____ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
79. fo_____te situation *adj.* having good luck or lucky
80. imm_____ly recall a product *adv.* now or without delay
81. professional et__c *n.* a set of moral or philosophical principles or values that guide the behavior or actions of an individual, group, or society; the study or inquiry into the nature of morality and moral systems
82. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
83. helpful h__ts *n.* an indirect suggestion; a slight but appreciable amount of something
84. liquid cr_____l *n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
85. rep_____on of the word *n.* the act of doing or saying something many times

ANSWERS: 76. resistance, 77. mechanical, 78. insight, 79. fortunate, 80. immediately, 81. ethic, 82. relation, 83. hint, 84. crystal, 85. repetition

86. 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
87. de____y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
88. ex____ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
89. he__e fund firm *n.* a fence formed by a line of bushes or shrubs; (verb) limit or avoid something such as duties, issues, and questions by conditions or exceptions
90. gu____ee a high quality *v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met
91. b__t of coughing *n.* a short period of intense activity or experience; a match or contest, especially in boxing or wrestling; a period of illness or disease

ANSWERS: 86. process, 87. destroy, 88. exchange, 89. hedge, 90. guarantee, 91. bout

92. on a qu__t for happiness

n. a long or challenging search for something

93. less fo_____te person

adj. having good luck or lucky

94. female of_____ng

n. descendant; any immature animal or plant

ANSWERS: 92. quest, 93. fortunate, 94. offspring

Session 3: Fill in the Blanks

1. A suspension order from the court is effective _____.
adv. now or without delay
2. In the _____ the metal gleamed with radiance.
n. an enclosed chamber for heating metal or glass to very high temperatures
3. How many _____ does the average lion have?
n. descendant; any immature animal or plant
4. I need to _____ these pictures to my computer to edit them.
v. to transfer digital data or files from a local computer or device to a remote server or network; the act of transferring such data or files
5. He was pretty _____ to pass the exam.
adj. having good luck or lucky
6. The translation ____ helped me translate a website from another country.
n. a computer program or software application that is capable of performing automated tasks, often on the internet; a type of electronic device that provides autonomous service or assistance to users
7. For safety reasons, we must completely _____ contaminated protective clothing.
v. to burn something, especially waste material completely
8. The company is launching a new line of _____ products aimed at young adults.
adj. consisting of or occurring in a series or sequence; relating to or involving a series or sequence of events, stories, or incidents

ANSWERS: 1. immediately, 2. furnace, 3. offspring, 4. upload, 5. fortunate, 6. bot, 7. incinerate, 8. serial

9. A vast _____ chandelier glittered brightly above us.
n. a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
10. Rainfall in the tropics is highly _____.
adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
11. Promising entrepreneurs often have a high _____ sensibility.
adj. of or relating to art or artist; satisfying aesthetic standards and sensibilities
12. The industrial _____ laws were passed with little to no alteration.
n. the way two persons or groups of people feel and act toward one another
13. Many people in this city use the _____ railway for transportation.
n. a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
14. He _____ in the dazzling sunlight.
v. to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
15. The _____ of the factory's equipment caused significant damage.
n. the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies
16. After his death, his sons _____ his business.
v. to receive money, property, or a title from someone after they have died

ANSWERS: 9. crystal, 10. variable, 11. artistic, 12. relations, 13. loop, 14. blinked, 15. sabotage, 16. inherited

17. The robot can accurately _____ construction material.
- v.* to specify or determine the exact position of someone or something
18. The bill to increase the consumption tax had passed despite much _____ from the public.
- n.* the act of defending oneself from an aggressor or refusing to accept something
19. We gained various _____ by analyzing the vast amount of data owned by the company.
- n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
20. Please _____ your explanation for the children.
- v.* to make something more straightforward, more understandable, or easier to do
21. He was sick for five _____ days.
- adj.* extending or moving in one direction without bending or curving; having no deviations
22. He had a _____ of anxiety before his big presentation.
- n.* a short period of intense activity or experience; a match or contest, especially in boxing or wrestling; a period of illness or disease
23. We cannot _____ enough raw material sources.
- v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met
24. The man _____ before opening the door.
- v.* to take a short break from talking or doing something before continuing

ANSWERS: 17. locate, 18. resistance, 19. insights, 20. simplify, 21. straight, 22. bout, 23. guarantee, 24. paused

25. I claim on my _____ that it is true.

n. high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone

26. To find drunk drivers, police conduct _____ tests.

adj. made, done, or happening without method, conscious decision, or any regular pattern

27. A _____ engineer is still in demand in many companies.

adj. operated by a machine, relating to or concerned with machinery or tools

28. The _____ of the candle flickered in the darkness of the room.

n. a bright, visible light and heat source caused by combustion; a strong, intense feeling typically associated with passion, aggression, or anger

29. Don't forget to back up your data before you _____ any files on your computer.

v. to replace or overwrite existing data or information with new data, often in the context of computer files or software

30. _____ is the mother of all learning.

n. the act of doing or saying something many times

31. The best way to _____ financial risks is to diversify your portfolio.

n. a fence formed by a line of bushes or shrubs; (verb) limit or avoid something such as duties, issues, and questions by conditions or exceptions

32. The outermost electron _____ determines the chemical properties of an atom.

n. hard outer covering or case of eggs, nuts, some seeds, and some animals

ANSWERS: 25. honor, 26. random, 27. mechanical, 28. flame, 29. overwrite, 30. Repetition, 31. hedge, 32. shell

33. 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
34. My sister and I frequently _____ books, as we love reading.
- v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
35. There was no _____ of a problem.
- n.* an indirect suggestion; a slight but appreciable amount of something
36. That adventurer traveled in _____ of buried treasure.
- n.* a long or challenging search for something
37. The artist _____ a beautiful design on the surface of the vase.
- v.* to write or carve something on a surface, especially as a formal or permanent record
38. We do move forward with those tasks in _____ next week.
- n.* a series of related events, actions, numbers, etc., which have a particular order
39. They needed further _____ to perform their duties efficiently.
- n.* detailed direction, order, etc., on how to do or use something
40. His hometown was where he first acquired the _____ of wood carving.
- n.* an activity that requires a particular skill in making things with one's hands

ANSWERS: 33. process, 34. exchange, 35. hint, 36. quest, 37. inscribed, 38. sequence, 39. instruction, 40. craft

41. Eventually, the new design will _____ all older models.
v. to take the place of something
42. The president prepared several possible _____ for an enemy attack.
n. a description of possible actions or events in the future; a written outline of a play, film, or literary work
43. The CEO decided to _____ the decision made by the lower-level managers.
v. to use one's authority or power to cancel or disregard something, especially a decision or rule made by someone else
44. The museum has a vast collection of Greek _____.
n. a person-made object, especially one of historical or cultural interest
45. The building was _____ in the fire and had to be rebuilt.
v. to ruin or damage severely or completely; to eradicate or eliminate completely
46. Having a strong work _____ is important for success in any field.
n. a set of moral or philosophical principles or values that guide the behavior or actions of an individual, group, or society; the study or inquiry into the nature of morality and moral systems
47. Infant formulas are nutritionally almost _____ to a mother's breast milk.
adj. being the exact same one

ANSWERS: 41. replace, 42. scenarios, 43. override, 44. artifacts, 45. destroyed, 46. ethic, 47. identical