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Vocabulary Builder Reference from...

AnnMarie Thomas: Hands-on science with squishy circuits | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

disbeliever

n. a person who does not believe in something, such as a religion or idea

synonym: non-believer, skeptic, doubter

(1) persuade a **disbeliever**, (2) stubborn **disbeliever**

Despite the evidence, she remained a **disbeliever** in the theory of evolution.

hands-on

adj. actively involved, practical; having hands involved in the doing or making of something

synonym: practical, involved, hands-in

(1) **hands-on** activity, (2) take a **hands-on** approach

The **hands-on** workshop allowed attendees to work with tools and materials, developing their skills in a hands-on environment.

electronics

n. the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems

synonym: technology, gadgets, circuitry

(1) **electronics** industry, (2) **electronics** store

The company specializes in manufacturing and selling cutting-edge **electronics**.

similarly

adv. in almost the same way

synonym : also, likewise, ditto

(1) **similarly** situated, (2) have **similarly** great abilities

We argue that wages for temporary workers should **similarly** rise.

prototype

n. a first or preliminary example of something such as a device or vehicle from which other forms are developed

synonym : mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**

The flying car is presently in the **prototype** stage.

frustrate

v. to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something

synonym : hinder, thwart, dishearten

(1) **frustrate** the advancement, (2) **frustrate** other team members

The coach explained a strategy to **frustrate** the opponent's schemes to the players.

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.

tangible

adj. real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value

synonym : palpable, real, actual

(1) **tangible** assets, (2) produce **tangible** results

A problem that has been pointed out for years finally becomes **tangible**.

recipe

n. a set of instructions for preparing a dish, including the ingredients and the method of cooking

synonym: instructions, formula, method

(1) **recipe** book, (2) **recipe** collection

The **recipe** for the cake is passed down from generation to generation in her family.

homemade

adj. made at home rather than in a factory or workshop

synonym: self-made

(1) **homemade** article, (2) **homemade** bread

I prefer **homemade** cookies over store-bought ones.

dough

n. a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta

synonym: flour, mix

(1) work **dough**, (2) **dough** for pastry

She mixed flour, yeast, sugar, and water to make **dough** for the bread.

ingredient

n. one of the things used to make something, especially one of the foods used to make a particular dish

synonym: element, component

(1) secret **ingredients**, (2) compound the **ingredients**

Greed is the primary **ingredient** in the making of criminals.

sculpture

n. the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay

synonym: statuary, carving, modeling

(1) create **sculpture**, (2) abstract **sculpture**

The ancient Greek **sculptures** are known for their realism and attention to detail.

saltiness

n. the quality or state of being salty

(1) the taste of **saltiness**, (2) enhance the **saltiness**

She tasted the dish and detected a slight **saltiness**.

conduct

v. to organize and carry out a particular activity

synonym: behave, lead, carry on

(1) **conduct** a background check, (2) **conduct** research
Police will **conduct** random breath testing for drunk driving.

electrify

v. to make a machine or system work by using electricity;
to make someone extremely enthusiastic about or
interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing
process

The product developed through years of research continues
to **electrify** the market.

physics

n. the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

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.

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**.

resistant

adj. not affected by something, especially changes or new
ideas; of or relating to immunity to disease or infection

synonym: unsusceptible, immune, invulnerable

(1) penicillin- **resistant** bacteria, (2) **resistant** to persuasion

Insects in urban areas are becoming **resistant** to insecticides.

suddenly

adv. quickly and unexpectedly

synonym : abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

circuit

n. (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

synonym : route, course, rotation

(1) **circuit** breaker, (2) federal **circuit** courts

An intelligent battery has a voltage monitoring **circuit**.

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**.

demonstrate

v. to display something or give an exhibition to an interested audience

synonym : show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

battery

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

synonym : electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

shack

n. a small, often rundown dwelling or house, typically one that is poorly constructed or maintained

synonym : shanty, cabin, hut

(1) humble **shack**, (2) beach **shack**

The fisherman lived in a small **shack** by the lake.

electrical

adj. relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering

Actuators convert **electrical** pulses into motion.

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.

separate

v. to force, take, or pull apart; mark as different

synonym: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

stick

v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym: pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and

elegant.

spinning

n. the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn

synonym : whirling, rotating, spinning wheel

(1) **spinning** machine, (2) **spinning** wheel

She took a **spinning** class at the gym to improve her cardiovascular fitness.

grab

v. to take hold of something or someone suddenly with a hand, especially in a violent way

synonym : clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

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.

slightly

adv. in a small degree or extent; a little

synonym : barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

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.

sushi

n. a Japanese dish consisting of vinegared rice, often combined with fish or vegetables and sometimes

wrapped in seaweed

synonym : raw fish, sashimi, nigiri

(1) **sushi** bar, (2) **sushi** roll

I love going out for **sushi** with my friends on Friday nights.

parallel

adj. being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations

synonym : aligned, side-by-side, similar

(1) a **parallel** case, (2) **parallel** processing

He walked a road **parallel** to the railroad.

dim

adj. poorly lit; not bright

synonym : dull, faint, weak

(1) **dim** and distant past, (2) **dim** memory

The **dim** light made it difficult to read the book.

microprocessor

n. a computer component containing all the functions of the central processing unit

synonym : IC, chip, microchip

(1) **microprocessor** chip, (2) dedicated **microprocessor**

As a result of improvements in **microprocessor** performance, many consumer electronics products are now Internet-connected.

squishy

adj. soft and yielding to the touch; easily deformed

synonym : soft, spongy, mushy

(1) **squishy** texture, (2) a **squishy** story

The **squishy** foam ball is perfect for squeezing to relieve stress.

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**.

curriculum

n. a series of subjects comprising a course of study in a school, college, etc.

synonym: program, syllabus, course of study

(1) a **curriculum vitae**, (2) an academic **curriculum**

A committee was appointed to manage the reorganization of the **curriculum**.

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.

encourage

v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

synonym: facilitate, persuade, stimulate

(1) **encourage** a sense of affinity, (2) **encourage** antisocial behavior

They **encouraged** customers with a premium for loyal patronage.

Session 2: Spelling

- | | |
|----------------------------------|--|
| 1. a dry ba____y | <i>n.</i> a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them |
| 2. de____p a strategy | <i>v.</i> 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 |
| 3. have si____ly great abilities | <i>adv.</i> in almost the same way |
| 4. re____e collection | <i>n.</i> a set of instructions for preparing a dish, including the ingredients and the method of cooking |
| 5. complete a pr____pe product | <i>n.</i> a first or preliminary example of something such as a device or vehicle from which other forms are developed |
| 6. el____fy the audience | <i>v.</i> to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something |
| 7. de____e on a course of action | <i>v.</i> to make up someone's mind about something; to come to a conclusion or judgment after considering options |
| 8. en____er shortage | <i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software |

ANSWERS: 1. battery, 2. develop, 3. similarly, 4. recipe, 5. prototype, 6. electrify, 7. decide, 8. engineer

9. DC mo__r control *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
10. su__i bar *n.* a Japanese dish consisting of vinegared rice, often combined with fish or vegetables and sometimes wrapped in seaweed
11. secret ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
12. su__i roll *n.* a Japanese dish consisting of vinegared rice, often combined with fish or vegetables and sometimes wrapped in seaweed
13. compound the ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
14. penicillin-re_____nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
15. d_m and distant past *adj.* poorly lit; not bright
16. ha_____on activity *adj.* actively involved, practical; having hands involved in the doing or making of something
17. the taste of sa_____ss *n.* the quality or state of being salty
18. ba_____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

ANSWERS: 9. motor, 10. sushi, 11. ingredient, 12. sushi, 13. ingredient, 14. resistant, 15. dim, 16. hands-on, 17. saltiness, 18. battery

19. barren of cr____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
20. g__b an opportunity *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
21. pa____el processing *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
22. do__h for pastry *n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta
23. 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
24. mo____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
25. sp____ng machine *n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn
26. sl____ly alkaline soils *adv.* in a small degree or extent; a little

ANSWERS: 19. creative, 20. grab, 21. parallel, 22. dough, 23. develop, 24. movement, 25. spinning, 26. slightly

27. interstate co____ce *n.* the activity of buying and selling things, especially on a large scale
28. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
29. an academic cur____um *n.* a series of subjects comprising a course of study in a school, college, etc.
30. en____ge antisocial behavior *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
31. se____te video into chapter *v.* to force, take, or pull apart; mark as different
32. d_m memory *adj.* poorly lit; not bright
33. g__b an audience *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
34. an ele____al storm *adj.* relating to electricity
35. re___e book *n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
36. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

ANSWERS: 27. commerce, 28. stick, 29. curriculum, 30. encourage, 31. separate, 32. dim, 33. grab, 34. electrical, 35. recipe, 36. stick

37. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
38. a cur_____um vitae *n.* a series of subjects comprising a course of study in a school, college, etc.
39. abstract sc_____re *n.* the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay
40. res_____ce movement *n.* the act of defending oneself from an aggressor or refusing to accept something
41. a sq_____y story *adj.* soft and yielding to the touch; easily deformed
42. su_____ly attacked by an enemy *adv.* quickly and unexpectedly
43. de____e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
44. fr_____te other team members *v.* to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something
45. co_____t a background check *v.* to organize and carry out a particular activity
46. en_____ge a sense of affinity *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

ANSWERS: 37. lab, 38. curriculum, 39. sculpture, 40. resistance, 41. squishy, 42. suddenly, 43. decide, 44. frustrate, 45. conduct, 46. encourage

47. ele_____cs store *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
48. ho_____de bread *adj.* made at home rather than in a factory or workshop
49. produce ta_____le results *adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value
50. federal ci_____t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
51. sp_____ng wheel *n.* the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn
52. a pa_____el case *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
53. a mo____r mechanic *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
54. si_____ly situated *adv.* in almost the same way
55. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
56. cr_____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something

ANSWERS: 47. electronics, 48. homemade, 49. tangible, 50. circuit, 51. spinning, 52. parallel, 53. motor, 54. similarly, 55. separate, 56. creative

57. co____t research *v.* to organize and carry out a particular activity
58. mic_____sor chip *n.* a computer component containing all the functions of the central processing unit
59. humble sh__k *n.* a small, often rundown dwelling or house, typically one that is poorly constructed or maintained
60. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
61. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
62. early pr_____pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
63. persuade a dis_____er *n.* a person who does not believe in something, such as a religion or idea
64. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
65. create sc_____re *n.* the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay
66. ta_____le assets *adj.* real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value

ANSWERS: 57. conduct, 58. microprocessor, 59. shack, 60. demonstrate, 61. complicated, 62. prototype, 63. disbeliever, 64. electrify, 65. sculpture, 66. tangible

67. degree in ele_____al engineering *adj.* relating to electricity
68. work do__h *n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta
69. ho_____de article *adj.* made at home rather than in a factory or workshop
70. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
71. stubborn dis_____er *n.* a person who does not believe in something, such as a religion or idea
72. increase sl_____ly *adv.* in a small degree or extent; a little
73. ci_____t breaker *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
74. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
75. re_____nt to persuasion *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
76. nuclear ph_____s *n.* the science of matter and energy and their interactions
77. sq_____y texture *adj.* soft and yielding to the touch; easily deformed
78. ele_____cs industry *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems

ANSWERS: 67. electrical, 68. dough, 69. homemade, 70. demonstrate, 71. disbeliever, 72. slightly, 73. circuit, 74. movement, 75. resistant, 76. physics, 77. squishy, 78. electronics

79. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
80. enhance the sa_____ss *n.* the quality or state of being salty
81. the local chamber of co_____ce *n.* the activity of buying and selling things, especially on a large scale
82. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
83. dedicated mic_____sor *n.* a computer component containing all the functions of the central processing unit
84. res_____ce to insulin *n.* the act of defending oneself from an aggressor or refusing to accept something
85. beach sh__k *n.* a small, often rundown dwelling or house, typically one that is poorly constructed or maintained
86. laws of ph_____s *n.* the science of matter and energy and their interactions
87. take a ha_____on approach *adj.* actively involved, practical; having hands involved in the doing or making of something
88. fr_____te the advancement *v.* to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something
89. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 79. lab, 80. saltiness, 81. commerce, 82. complicated, 83. microprocessor, 84. resistance, 85. shack, 86. physics, 87. hands-on, 88. frustrate, 89. engineer

90. die su____ly

adv. quickly and unexpectedly

ANSWERS: 90. suddenly

Session 3: Fill in the Blanks

1. The coach explained a strategy to _____ the opponent's schemes to the players.
 - v. to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something

2. He studied the _____ of radiation.
 - n. the science of matter and energy and their interactions

3. They _____ customers with a premium for loyal patronage.
 - v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

4. 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

5. The product developed through years of research continues to _____ the market.
 - v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

6. A problem that has been pointed out for years finally becomes _____.
 - adj. real and concrete; able to be perceived, especially able to be touched; (of business assets) having physical substance and intrinsic monetary value

7. The _____ will repair my telephone tomorrow morning.
 - n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 1. frustrate, 2. physics, 3. encouraged, 4. decide, 5. electrify, 6. tangible, 7. engineer

8. He moved his body _____ to the left.

adv. in a small degree or extent; a little

9. The _____ for the cake is passed down from generation to generation in her family.

n. a set of instructions for preparing a dish, including the ingredients and the method of cooking

10. 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

11. Greed is the primary _____ in the making of criminals.

n. one of the things used to make something, especially one of the foods used to make a particular dish

12. A committee was appointed to manage the reorganization of the _____.

n. a series of subjects comprising a course of study in a school, college, etc.

13. This company has invested heavily in Internet _____.

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

14. He walked a road _____ to the railroad.

adj. being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations

15. I prefer _____ cookies over store-bought ones.

adj. made at home rather than in a factory or workshop

ANSWERS: 8. slightly, 9. recipe, 10. resistance, 11. ingredient, 12. curriculum, 13. commerce, 14. parallel, 15. homemade

16. Despite the evidence, she remained a _____ in the theory of evolution.
n. a person who does not believe in something, such as a religion or idea
17. The fisherman lived in a small _____ by the lake.
n. a small, often rundown dwelling or house, typically one that is poorly constructed or maintained
18. The ancient Greek _____ are known for their realism and attention to detail.
n. the art of creating three-dimensional objects or forms, typically by carving, modeling, or casting in a variety of materials such as stone, wood, metal, or clay
19. We argue that wages for temporary workers should _____ rise.
adv. in almost the same way
20. Insects in urban areas are becoming _____ to insecticides.
adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
21. Who answers _____ knows little.
adv. quickly and unexpectedly
22. The _____ foam ball is perfect for squeezing to relieve stress.
adj. soft and yielding to the touch; easily deformed
23. I love going out for _____ with my friends on Friday nights.
n. a Japanese dish consisting of vinegared rice, often combined with fish or vegetables and sometimes wrapped in seaweed

ANSWERS: 16. disbeliever, 17. shack, 18. sculptures, 19. similarly, 20. resistant, 21. suddenly, 22. squishy, 23. sushi

24. The engine did not start because the _____ was flat.
- n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
25. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
- v.* to force, take, or pull apart; mark as different
26. You _____ a bill in the change machine, and the coins pop out.
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
27. The company specializes in manufacturing and selling cutting-edge _____.
- n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
28. As a result of improvements in _____ performance, many consumer electronics products are now Internet-connected.
- n.* a computer component containing all the functions of the central processing unit
29. 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
30. The _____ of the dancers on stage was graceful and elegant.
- n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

ANSWERS: 24. battery, 25. separate, 26. stick, 27. electronics, 28. microprocessor, 29. motors, 30. movement

31. 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

32. She took a _____ class at the gym to improve her cardiovascular fitness.

n. the act of rotating rapidly around an axis; in the context of textiles, the process of twisting fibers together to form thread or yarn

33. Actuators convert _____ pulses into motion.

adj. relating to electricity

34. Shall we _____ a bite to eat?

v. to take hold of something or someone suddenly with a hand, especially in a violent way

35. She mixed flour, yeast, sugar, and water to make _____ for the bread.

n. a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta

36. 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

37. The _____ light made it difficult to read the book.

adj. poorly lit; not bright

38. The flying car is presently in the _____ stage.

n. a first or preliminary example of something such as a device or vehicle from which other forms are developed

ANSWERS: 31. complicated, 32. spinning, 33. electrical, 34. grab, 35. dough, 36. creative, 37. dim, 38. prototype

39. She tasted the dish and detected a slight _____.
- n.* the quality or state of being salty
40. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
41. An intelligent battery has a voltage monitoring _____.
- n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
42. Police will _____ random breath testing for drunk driving.
- v.* to organize and carry out a particular activity
43. The _____ workshop allowed attendees to work with tools and materials, developing their skills in a hands-on environment.
- adj.* actively involved, practical; having hands involved in the doing or making of something
44. How can you _____ that the earth is a sphere?
- v.* to display something or give an exhibition to an interested audience
45. 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

ANSWERS: 39. saltiness, 40. lab, 41. circuit, 42. conduct, 43. hands-on, 44. demonstrate, 45. develop