

# Englist.me



## Vocabulary Builder Reference from...

Tom Shannon, John Hockenberry: *The painter and the pendulum* | TED Talk

[https://www.ted.com/talks/tom\\_shannon\\_john\\_hockenberry\\_the\\_painter\\_and\\_the\\_pendulum](https://www.ted.com/talks/tom_shannon_john_hockenberry_the_painter_and_the_pendulum)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### interplay

*n.* the way in which two or more things interact or influence each other

*synonym*: interaction, give-and-take, interconnection

(1) **interplay** among neurons, (2) complex **interplay**

The **interplay** of light and shadow creates a dramatic effect in the painting.

### taper

*v.* to become or cause something to become gradually narrower at one end

*synonym*: decrease, dwindle, diminish

(1) **taper** the medication slowly, (2) **taper** the dose down

Most of the tree trunks **taper** toward the top.

### astronaut

*n.* a person trained by a space agency to travel outside the Earth's atmosphere

*synonym*: spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

### meaningless

*adj.* having no meaning, direction, or purpose

*synonym*: pointless, absurd, senseless

(1) a **meaningless** endeavor, (2) do a **meaningless** task

This experiment's results are **meaningless** because the other conditions are not identical.

## levitate

*v.* to rise or float in the air without apparent support, often in a magical or supernatural manner

*synonym*: hover, float, soar

(1) **levitate** objects, (2) **levitate** for a few seconds

The magician appeared to **levitate** off the stage, stunning the audience.

## tether

*v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog

*synonym*: tie, fasten, secure

(1) **tether** a horse, (2) **tether** strap

The hiker **tethered** their dog to a tree while they camped for the night.

## unsatisfactory

*adj.* not meeting the desired or expected standard or quality

*synonym*: inadequate, subpar, lacking

(1) **unsatisfactory** performance, (2) **unsatisfactory** on several counts

The service was **unsatisfactory**, and the customer demanded a refund.

## magnetism

*n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something

*synonym*: attraction, charisma, allure

(1) the **magnetism** of the moon, (2) animal **magnetism**

The child was drawn to the **magnetism** of the colorful toy display in the store.

## pendulum

*n.* a weight hung from a fixed point used to regulate the movement of a clock or other mechanism

*synonym* : oscillator, balance, clock

(1) **pendulum** swings, (2) political **pendulum**

The **pendulum** clock was a familiar sight in the old house.

## billow

*v.* to surge or rise in a large, swelling mass, especially of smoke or water; (noun) a large wave or swell of something, especially water or smoke

*synonym* : wave, swell, surge

(1) **billow** cloud, (2) **billow** like a sail

The smoke **billowed** out of the chimney and into the sky.

## penetrate

*v.* to pass into or through something, often by overcoming resistance

*synonym* : pierce, stab, go through

(1) **penetrate** a cell, (2) **penetrate** quickly into the skin

Western ideology slowly **penetrates** through the eastern countries.

## deterministic

*adj.* characterized by an assumption of cause and effect and the absence of chance or randomness, often used to describe scientific or engineering calculations

*synonym* : predictable, predetermined, certain

(1) **deterministic** approach, (2) **deterministic** system

The **deterministic** algorithm always produces the same result for a given input.

## spigot

*n.* a valve or faucet used to control the flow of liquid from a container or pipe

*synonym* : faucet, tap, valve

(1) shut off the **spigot**, (2) open the **spigot**

The **spigot** on the outdoor faucet was leaking and needed to be fixed.

## passee

*adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date

*synonym* : outdated, old-fashioned, antique

(1) **passee** entertainment, (2) **passee** trend

Bell-bottom jeans, once considered **passe** fashion, have made a surprising comeback in recent years.

## playful

*adj.* having a lighthearted, mischievous, or fun-loving nature; displaying a sense of enjoyment or amusement; characterized by a desire for entertainment or play

*synonym* : mischievous, frisky, sportful

(1) **playful** puppy, (2) **playful** children

The children couldn't contain their **playful** excitement at seeing the new playground.

## redeem

*v.* to compensate for the faults or bad aspects of something; to regain possession or assume ownership of something by paying a sum of money or fulfilling a condition; to rescue or save someone from a difficult or hopeless situation

*synonym* : rescue, save, recover

(1) **redeem** a coupon, (2) **redeem** a government bond

He tried to **redeem** himself by volunteering at the local charity after his mistakes.

## contemplate

*v.* to think about a possible future action or to think about something for a long time thoughtfully

*synonym* : think over, ponder, consider

(1) **contemplate** a marriage, (2) **contemplated** leaving school

I recently **contemplated** dropping out of school and getting a full-time job.

## servo

*n.* a type of motor or mechanism used to control the position or movement of a machine or device, often used in robotics, automation, and other applications

*synonym* : actuator, motor, controller

(1) analog **servo**, (2) **servo** controller

A **servo** motor controlled the robot's movements.

## dispense

*v.* to distribute, allocate, or deliver something to the intended recipients

*synonym*: distribute, allocate, deal out

(1) **dispense** with ceremony, (2) **dispense** justice

The pharmacist started to **dispense** medication to patients.

## centrifugal

*adj.* tending or acting to move away from a center; relating to or operating by means of this force; deviating or diverging from a common point or central idea

*synonym*: outward, diverging, radiating

(1) **centrifugal** acceleration, (2) **centrifugal** casting

The **centrifugal** force of the spinning ride caused my hair to fly in all directions.

## ripple

*n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

*synonym*: wave, undulation, fluctuation

(1) a **ripple** of laughter, (2) **ripple** in the water

Many businesses felt the **ripple** effect of the economy's decline.

## disturb

*v.* to interrupt someone who is trying to work, sleep, etc.

*synonym*: agitate, bother, intrude

(1) **disturb** the peace, (2) **disturb** his sleep

Tourists frequently **disturb** the island's delicate natural balance.

## moire

*n.* a pattern or effect created by the superimposition of two regular patterns, typically produced by the interference of light waves or the overlapping of textile threads, often characterized by a wavy or rippling appearance

*synonym*: watered silk, watered textile

(1) **moire** fabric, (2) **moire** interference

The fabric had a beautiful **moire** pattern that added a touch of elegance to the dress.

## ubiquitous

*adj.* being or existing everywhere at once

*synonym*: universal, omnipresent, everywhere

(1) **ubiquitous** computing, (2) **ubiquitous** across ecosystems

Sugar is **ubiquitous** in food.

## concentric

*adj.* having a common center, with circles or spheres that share a common center point; having shapes or forms that are aligned or nested within one another

*synonym*: homocentric, nested, circular

(1) **concentric** design, (2) **concentric** shades of color

**Concentric** circles surrounded the target on the shooting range.

## ellipse

*n.* a closed curve with a shape resembling a stretched circle; in geometry, a figure formed by the intersection of a cone with a plane, where the plane cuts through both halves of the cone

*synonym*: oval, oblong, curve

(1) Kepler's **ellipse**, (2) planetary **ellipse**

He used the **ellipse** equation to calculate the dimensions of the oval-shaped garden.

## dutiful

*adj.* motivated by a sense of duty or obligation; willingly and conscientiously fulfilling one's responsibilities or obligations

*synonym*: obedient, compliant, responsible

(1) **dutiful** obedience, (2) **dutiful** employee

The secretary was appreciated for her **dutiful** service and organization in the office.

## exactitude

*n.* the quality of being precise and accurate, with attention to the finest details; correctness or exactness

*synonym*: accuracy, precision, meticulousness

(1) **exactitude** of measurements, (2) **exactitude** in details

The scientist maintained **exactitude** standards in his research to achieve reliable results.

## astronomical

*adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

*synonym* : huge, vast, enormous

(1) **astronomical** observation, (2) **astronomical** numbers

The cost of the new equipment was **astronomical** and beyond the company's budget.

## crocodile

*n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats

*synonym* : alligator, gator, croc

(1) **crocodile** hide, (2) saltwater **crocodile**

The **crocodile** attack left the villagers in a state of shock and fear

## conceivable

*adj.* imaginable or possible to understand or believe in the mind

*synonym* : believable, imaginable, probable

(1) **conceivable** way, (2) **conceivable** emergency

It is challenging to defend every **conceivable** target.

## confrontation

*n.* the act of facing or dealing with something directly and openly; a direct and often hostile encounter or disagreement

*synonym* : face-off, conflict, competition

(1) violent **confrontation**, (2) verbal **confrontation**

The **confrontation** between the two nations escalated into a full-blown war.

## dissonant

*adj.* sounds that are not in harmony or are in conflict with one another; an uncomfortable or tense feeling caused by conflicting ideas or emotions

*synonym* : discordant, harsh, inharmonious

(1) a **dissonant** voice, (2) **dissonant** note

The **dissonant** sound from the poorly tuned instruments was painful to listen to.

## creep

*v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard

*synonym* : crawl, glide, encroach

(1) **creep** along the leaf, (2) **creep** toward the mouse

Aging **creeps** up slowly with time.

## tremor

*n.* a small earthquake or shaking or vibrating

*synonym* : shaking, quivering, trembling

(1) a **tremor** of delight, (2) **tremor** frequency

The bad **tremor** caused several buildings to collapse.

## left-handed

*adv.* using the left hand more skillfully or naturally; (adverb) in a way that is specific to or unique to left-handed individuals

*synonym* : sinister, southpaw, portside

(1) **left-handed** writer, (2) **left-handed** pitcher

She writes **left-handed** and finds it challenging to use a standard pen.

## gatekeeper

*n.* a person, organization, or system that controls or monitors access to something, often a website, database, or institution; a person or group that controls or regulates access to information, especially for a particular perspective or interest

*synonym* : guardian, watchman, custodian

(1) **gatekeeper** role, (2) information **gatekeeper**

The company's **gatekeeper screened** all incoming phone calls and emails to ensure only important ones reached the boss.

## godsend

*n.* something or someone that comes unexpectedly and is very helpful or beneficial

*synonym* : blessing, gift, windfall

(1) **godsend** opportunity, (2) a **godsend** for farmers

The extra funding for the project was a **godsend** and allowed us to complete it on time.



## humming

*adj.* producing a continuous, low, vibrating sound like that of the bee

*synonym* : buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

## spokesperson

*n.* a person who represents or speaks on behalf of an organization, group, or individual to the media or the public

*synonym* : representative, interpreter, mouthpiece

(1) company **spokesperson**, (2) official **spokesperson**

The celebrity **spokesperson** made an appearance at the product launch event.

## pigment

*n.* a substance that gives color to a material, such as paint, ink, or biological tissue; often derived from natural sources or synthetically produced

*synonym* : dye, colorant, tint

(1) skin **pigment**, (2) **pigment** accumulation

The use of synthetic **pigments** in food production has become controversial due to health concerns.

## Session 2: Spelling

1. hu\_\_\_\_g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
2. analog se\_\_o *n.* a type of motor or mechanism used to control the position or movement of a machine or device, often used in robotics, automation, and other applications
3. di\_\_\_\_\_nt note *adj.* sounds that are not in harmony or are in conflict with one another; an uncomfortable or tense feeling caused by conflicting ideas or emotions
4. verbal con\_\_\_\_\_ion *n.* the act of facing or dealing with something directly and openly; a direct and often hostile encounter or disagreement
5. det\_\_\_\_\_tic approach *adj.* characterized by an assumption of cause and effect and the absence of chance or randomness, often used to describe scientific or engineering calculations
6. di\_\_\_\_\_se with ceremony *v.* to distribute, allocate, or deliver something to the intended recipients
7. information gat\_\_\_\_\_er *n.* a person, organization, or system that controls or monitors access to something, often a website, database, or institution; a person or group that controls or regulates access to information, especially for a particular perspective or interest

ANSWERS: 1. humming, 2. servo, 3. dissonant, 4. confrontation, 5. deterministic, 6. dispense, 7. gatekeeper

8. exa\_\_\_\_\_de of measurements *n.* the quality of being precise and accurate, with attention to the finest details; correctness or exactness
9. ubi\_\_\_\_\_us across ecosystems *adj.* being or existing everywhere at once
10. cr\_\_p along the leaf *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
11. planetary el\_\_\_\_\_e *n.* a closed curve with a shape resembling a stretched circle; in geometry, a figure formed by the intersection of a cone with a plane, where the plane cuts through both halves of the cone
12. ta\_\_r the medication slowly *v.* to become or cause something to become gradually narrower at one end
13. con\_\_\_\_\_le way *adj.* imaginable or possible to understand or believe in the mind
14. as\_\_\_\_\_ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
15. exa\_\_\_\_\_de in details *n.* the quality of being precise and accurate, with attention to the finest details; correctness or exactness
16. political pe\_\_\_\_\_um *n.* a weight hung from a fixed point used to regulate the movement of a clock or other mechanism
17. bi\_\_\_w like a sail *v.* to surge or rise in a large, swelling mass, especially of smoke or water; (noun) a large wave or swell of something, especially water or smoke
18. pe\_\_\_\_\_um swings *n.* a weight hung from a fixed point used to regulate the movement of a clock or other mechanism

ANSWERS: 8. exactitude, 9. ubiquitous, 10. creep, 11. ellipse, 12. taper, 13. conceivable, 14. astronaut, 15. exactitude, 16. pendulum, 17. billow, 18. pendulum

19. a mea\_\_\_\_\_ss endeavor *adj.* having no meaning, direction, or purpose
20. le\_\_\_\_\_te for a few seconds *v.* to rise or float in the air without apparent support, often in a magical or supernatural manner
21. a tr\_\_\_\_r of delight *n.* a small earthquake or shaking or vibrating
22. mo\_\_e fabric *n.* a pattern or effect created by the superimposition of two regular patterns, typically produced by the interference of light waves or the overlapping of textile threads, often characterized by a wavy or rippling appearance
23. ubi\_\_\_\_\_us computing *adj.* being or existing everywhere at once
24. complex in\_\_\_\_\_ay *n.* the way in which two or more things interact or influence each other
25. du\_\_\_\_\_l employee *adj.* motivated by a sense of duty or obligation; willingly and conscientiously fulfilling one's responsibilities or obligations
26. con\_\_\_\_\_ic design *adj.* having a common center, with circles or spheres that share a common center point; having shapes or forms that are aligned or nested within one another
27. company spo\_\_\_\_\_son *n.* a person who represents or speaks on behalf of an organization, group, or individual to the media or the public
28. do a mea\_\_\_\_\_ss task *adj.* having no meaning, direction, or purpose

ANSWERS: 19. meaningless, 20. levitate, 21. tremor, 22. moire, 23. ubiquitous, 24. interplay, 25. dutiful, 26. concentric, 27. spokesperson, 28. meaningless

29. uns\_\_\_\_\_ory on several counts     *adj.* not meeting the desired or expected standard or quality
30. as\_\_\_\_\_ut mission     *n.* a person trained by a space agency to travel outside the Earth's atmosphere
31. a go\_\_\_\_\_d for farmers     *n.* something or someone that comes unexpectedly and is very helpful or beneficial
32. cr\_\_\_\_\_le hide     *n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
33. con\_\_\_\_\_le emergency     *adj.* imaginable or possible to understand or believe in the mind
34. ast\_\_\_\_\_cal observation     *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
35. du\_\_\_\_\_l obedience     *adj.* motivated by a sense of duty or obligation; willingly and conscientiously fulfilling one's responsibilities or obligations
36. go\_\_\_\_\_d opportunity     *n.* something or someone that comes unexpectedly and is very helpful or beneficial
37. det\_\_\_\_\_tic system     *adj.* characterized by an assumption of cause and effect and the absence of chance or randomness, often used to describe scientific or engineering calculations
38. cen\_\_\_\_\_al acceleration     *adj.* tending or acting to move away from a center; relating to or operating by means of this force; deviating or diverging from a common point or central idea

ANSWERS: 29. unsatisfactory, 30. astronaut, 31. godsend, 32. crocodile, 33. conceivable, 34. astronomical, 35. dutiful, 36. godsend, 37. deterministic, 38. centrifugal

39. con\_\_\_\_\_te a marriage *v.* to think about a possible future action or to think about something for a long time thoughtfully
40. ast\_\_\_\_\_cal numbers *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
41. gat\_\_\_\_\_er role *n.* a person, organization, or system that controls or monitors access to something, often a website, database, or institution; a person or group that controls or regulates access to information, especially for a particular perspective or interest
42. tr\_\_\_\_r frequency *n.* a small earthquake or shaking or vibrating
43. saltwater cr\_\_\_\_\_le *n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
44. di\_\_\_\_\_b his sleep *v.* to interrupt someone who is trying to work, sleep, etc.
45. shut off the sp\_\_\_\_t *n.* a valve or faucet used to control the flow of liquid from a container or pipe
46. di\_\_\_\_\_se justice *v.* to distribute, allocate, or deliver something to the intended recipients
47. ta\_\_r the dose down *v.* to become or cause something to become gradually narrower at one end
48. Kepler's el\_\_\_\_\_e *n.* a closed curve with a shape resembling a stretched circle; in geometry, a figure formed by the intersection of a cone with a plane, where the plane cuts through both halves of the cone

ANSWERS: 39. contemplate, 40. astronomical, 41. gatekeeper, 42. tremor, 43. crocodile, 44. disturb, 45. spigot, 46. dispense, 47. taper, 48. ellipse

49. the ma\_\_\_\_\_sm of the moon      *n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something
50. mo\_\_e interference      *n.* a pattern or effect created by the superimposition of two regular patterns, typically produced by the interference of light waves or the overlapping of textile threads, often characterized by a wavy or rippling appearance
51. animal ma\_\_\_\_\_sm      *n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something
52. con\_\_\_\_\_ted leaving school      *v.* to think about a possible future action or to think about something for a long time thoughtfully
53. te\_\_\_r strap      *v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog
54. lef\_\_\_\_\_ed pitcher      *adv.* using the left hand more skillfully or naturally; (adverb) in a way that is specific to or unique to left-handed individuals

ANSWERS: 49. magnetism, 50. moire, 51. magnetism, 52. contemplate, 53. tether, 54. left-handed

55. pl\_\_\_\_l children *adj.* having a lighthearted, mischievous, or fun-loving nature; displaying a sense of enjoyment or amusement; characterized by a desire for entertainment or play
56. pi\_\_\_\_t accumulation *n.* a substance that gives color to a material, such as paint, ink, or biological tissue; often derived from natural sources or synthetically produced
57. a di\_\_\_\_\_nt voice *adj.* sounds that are not in harmony or are in conflict with one another; an uncomfortable or tense feeling caused by conflicting ideas or emotions
58. cr\_\_p toward the mouse *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
59. skin pi\_\_\_\_t *n.* a substance that gives color to a material, such as paint, ink, or biological tissue; often derived from natural sources or synthetically produced
60. re\_\_\_m a coupon *v.* to compensate for the faults or bad aspects of something; to regain possession or assume ownership of something by paying a sum of money or fulfilling a condition; to rescue or save someone from a difficult or hopeless situation
61. in\_\_\_\_\_ay among neurons *n.* the way in which two or more things interact or influence each other
62. a ri\_\_\_e of laughter *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

ANSWERS: 55. playful, 56. pigment, 57. dissonant, 58. creep, 59. pigment, 60. redeem, 61. interplay, 62. ripple



63. se\_\_o controller *n.* a type of motor or mechanism used to control the position or movement of a machine or device, often used in robotics, automation, and other applications
64. hu\_\_\_\_g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
65. lef\_\_\_\_ed writer *adv.* using the left hand more skillfully or naturally; (adverb) in a way that is specific to or unique to left-handed individuals
66. open the sp\_\_\_\_t *n.* a valve or faucet used to control the flow of liquid from a container or pipe
67. uns\_\_\_\_ory performance *adj.* not meeting the desired or expected standard or quality
68. official spo\_\_\_\_son *n.* a person who represents or speaks on behalf of an organization, group, or individual to the media or the public
69. pe\_\_\_\_te a cell *v.* to pass into or through something, often by overcoming resistance
70. con\_\_\_\_ic shades of color *adj.* having a common center, with circles or spheres that share a common center point; having shapes or forms that are aligned or nested within one another
71. pe\_\_\_\_te quickly into the skin *v.* to pass into or through something, often by overcoming resistance
72. pa\_\_e trend *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date

ANSWERS: 63. servo, 64. humming, 65. left-handed, 66. spigot, 67. unsatisfactory, 68. spokesperson, 69. penetrate, 70. concentric, 71. penetrate, 72. passe

73. di\_\_\_\_b the peace      *v.* to interrupt someone who is trying to work, sleep, etc.
74. te\_\_\_\_r a horse      *v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog
75. cen\_\_\_\_al casting      *adj.* tending or acting to move away from a center; relating to or operating by means of this force; deviating or diverging from a common point or central idea
76. bi\_\_\_\_w cloud      *v.* to surge or rise in a large, swelling mass, especially of smoke or water; (noun) a large wave or swell of something, especially water or smoke
77. pl\_\_\_\_l puppy      *adj.* having a lighthearted, mischievous, or fun-loving nature; displaying a sense of enjoyment or amusement; characterized by a desire for entertainment or play
78. violent con\_\_\_\_ion      *n.* the act of facing or dealing with something directly and openly; a direct and often hostile encounter or disagreement
79. ri\_\_\_\_e in the water      *n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
80. pa\_\_e entertainment      *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date

ANSWERS: 73. disturb, 74. tether, 75. centrifugal, 76. billow, 77. playful, 78. confrontation, 79. ripple, 80. passe

81. le\_\_\_\_te objects

v. to rise or float in the air without apparent support, often in a magical or supernatural manner

82. re\_\_\_m a government bond

v. to compensate for the faults or bad aspects of something; to regain possession or assume ownership of something by paying a sum of money or fulfilling a condition; to rescue or save someone from a difficult or hopeless situation

ANSWERS: 81. levitate, 82. redeem

## Session 3: Fill in the Blanks

1. The \_\_\_\_\_ attack left the villagers in a state of shock and fear
  - n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
  
2. The celebrity \_\_\_\_\_ made an appearance at the product launch event.
  - n.* a person who represents or speaks on behalf of an organization, group, or individual to the media or the public
  
3. The secretary was appreciated for her \_\_\_\_\_ service and organization in the office.
  - adj.* motivated by a sense of duty or obligation; willingly and conscientiously fulfilling one's responsibilities or obligations
  
4. A \_\_\_\_\_ motor controlled the robot's movements.
  - n.* a type of motor or mechanism used to control the position or movement of a machine or device, often used in robotics, automation, and other applications
  
5. The child was drawn to the \_\_\_\_\_ of the colorful toy display in the store.
  - n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something
  
6. The pharmacist started to \_\_\_\_\_ medication to patients.
  - v.* to distribute, allocate, or deliver something to the intended recipients
  
7. The \_\_\_\_\_ force of the spinning ride caused my hair to fly in all directions.
  - adj.* tending or acting to move away from a center; relating to or operating by means of this force; deviating or diverging from a common point or central idea

ANSWERS: 1. crocodile, 2. spokesperson, 3. dutiful, 4. servo, 5. magnetism, 6. dispense, 7. centrifugal

8. The bad \_\_\_\_\_ caused several buildings to collapse.  
*n.* a small earthquake or shaking or vibrating
9. This experiment's results are \_\_\_\_\_ because the other conditions are not identical.  
*adj.* having no meaning, direction, or purpose
10. The \_\_\_\_\_ on the outdoor faucet was leaking and needed to be fixed.  
*n.* a valve or faucet used to control the flow of liquid from a container or pipe
11. Bell-bottom jeans, once considered \_\_\_\_\_ fashion, have made a surprising comeback in recent years.  
*adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
12. He tried to \_\_\_\_\_ himself by volunteering at the local charity after his mistakes.  
*v.* to compensate for the faults or bad aspects of something; to regain possession or assume ownership of something by paying a sum of money or fulfilling a condition; to rescue or save someone from a difficult or hopeless situation
13. The smoke \_\_\_\_\_ out of the chimney and into the sky.  
*v.* to surge or rise in a large, swelling mass, especially of smoke or water; (noun) a large wave or swell of something, especially water or smoke
14. The magician appeared to \_\_\_\_\_ off the stage, stunning the audience.  
*v.* to rise or float in the air without apparent support, often in a magical or supernatural manner
15. I recently \_\_\_\_\_ dropping out of school and getting a full-time job.  
*v.* to think about a possible future action or to think about something for a long time thoughtfully

ANSWERS: 8. tremor, 9. meaningless, 10. spigot, 11. passe, 12. redeem, 13. billowed, 14. levitate, 15. contemplated

16. It is challenging to defend every \_\_\_\_\_ target.

*adj.* imaginable or possible to understand or believe in the mind

17. The \_\_\_\_\_ clock was a familiar sight in the old house.

*n.* a weight hung from a fixed point used to regulate the movement of a clock or other mechanism

18. \_\_\_\_\_ circles surrounded the target on the shooting range.

*adj.* having a common center, with circles or spheres that share a common center point; having shapes or forms that are aligned or nested within one another

19. The \_\_\_\_\_ sound from the poorly tuned instruments was painful to listen to.

*adj.* sounds that are not in harmony or are in conflict with one another; an uncomfortable or tense feeling caused by conflicting ideas or emotions

20. Many businesses felt the \_\_\_\_\_ effect of the economy's decline.

*n.* a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

21. The \_\_\_\_\_ between the two nations escalated into a full-blown war.

*n.* the act of facing or dealing with something directly and openly; a direct and often hostile encounter or disagreement

22. The hiker \_\_\_\_\_ their dog to a tree while they camped for the night.

*v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog

23. Sugar is \_\_\_\_\_ in food.

*adj.* being or existing everywhere at once

ANSWERS: 16. conceivable, 17. pendulum, 18. Concentric, 19. dissonant, 20. ripple, 21. confrontation, 22. tethered, 23. ubiquitous

24. The \_\_\_\_\_ of light and shadow creates a dramatic effect in the painting.  
*n.* the way in which two or more things interact or influence each other
25. The scientist maintained \_\_\_\_\_ standards in his research to achieve reliable results.  
*n.* the quality of being precise and accurate, with attention to the finest details; correctness or exactness
26. Aging \_\_\_\_\_ up slowly with time.  
*v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
27. Tourists frequently \_\_\_\_\_ the island's delicate natural balance.  
*v.* to interrupt someone who is trying to work, sleep, etc.
28. He used the \_\_\_\_\_ equation to calculate the dimensions of the oval-shaped garden.  
*n.* a closed curve with a shape resembling a stretched circle; in geometry, a figure formed by the intersection of a cone with a plane, where the plane cuts through both halves of the cone
29. The fabric had a beautiful \_\_\_\_\_ pattern that added a touch of elegance to the dress.  
*n.* a pattern or effect created by the superimposition of two regular patterns, typically produced by the interference of light waves or the overlapping of textile threads, often characterized by a wavy or rippling appearance
30. The service was \_\_\_\_\_ and the customer demanded a refund.  
*adj.* not meeting the desired or expected standard or quality
31. The children couldn't contain their \_\_\_\_\_ excitement at seeing the new playground.  
*adj.* having a lighthearted, mischievous, or fun-loving nature; displaying a sense of enjoyment or amusement; characterized by a desire for entertainment or play

ANSWERS: 24. interplay, 25. exactitude, 26. creeps, 27. disturb, 28. ellipse, 29. moire, 30. unsatisfactory, 31. playful

32. The extra funding for the project was a \_\_\_\_\_ and allowed us to complete it on time.
- n.* something or someone that comes unexpectedly and is very helpful or beneficial
33. The use of synthetic \_\_\_\_\_ in food production has become controversial due to health concerns.
- n.* a substance that gives color to a material, such as paint, ink, or biological tissue; often derived from natural sources or synthetically produced
34. Most of the tree trunks \_\_\_\_\_ toward the top.
- v.* to become or cause something to become gradually narrower at one end
35. The \_\_\_\_\_ algorithm always produces the same result for a given input.
- adj.* characterized by an assumption of cause and effect and the absence of chance or randomness, often used to describe scientific or engineering calculations
36. The shuttle \_\_\_\_\_ trained for months before embarking on the space mission.
- n.* a person trained by a space agency to travel outside the Earth's atmosphere
37. Western ideology slowly \_\_\_\_\_ through the eastern countries.
- v.* to pass into or through something, often by overcoming resistance
38. The cost of the new equipment was \_\_\_\_\_ and beyond the company's budget.
- adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude

ANSWERS: 32. godsend, 33. pigments, 34. taper, 35. deterministic, 36. astronaut, 37. penetrates, 38. astronomical



39. The \_\_\_\_\_ of the bees filled the air as she walked through the garden.

*adj.* producing a continuous, low, vibrating sound like that of the bee

40. She writes \_\_\_\_\_ and finds it challenging to use a standard pen.

*adv.* using the left hand more skillfully or naturally; (adverb) in a way that is specific to or unique to left-handed individuals

41. The company's \_\_\_\_\_ all incoming phone calls and emails to ensure only important ones reached the boss.

*n.* a person, organization, or system that controls or monitors access to something, often a website, database, or institution; a person or group that controls or regulates access to information, especially for a particular perspective or interest

ANSWERS: 39. humming, 40. left-handed, 41. gatekeeper screened