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Vocabulary Builder Reference from...

Alex Gendler: Why do we cry? The three types of tears | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

- iris** *n.* the colored part of the eye that surrounds the pupil; a flower with showy petals, named for its resemblance to the eye's iris
synonym : pupil, diaphragm, aperture
(1) blue **iris**, (2) **iris** pattern
The **iris** of the eye contracts and expands to control the amount of light that enters.
- sensitive** *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
synonym : exposed, susceptible, keen
(1) **sensitive** documents, (2) baby with **sensitive** skin
The teacher is very **sensitive** to children's feelings.
- cawing** *n.* the act of making the characteristic loud, harsh, and repeated cry of a crow or raven
(1) the distant **cawing** of seagulls, (2) incessant **cawing**
The **cawing** of the crows echoed through the quiet forest.
- roar** *v.* to make a loud, deep sound, like a lion or a car engine
synonym : bellow, yell, shout
(1) **roar** with laughter, (2) **roar** for more

The lion **roared** loudly, signaling its dominance over the other animals.

lacrimal

adj. relating to tears or tear ducts; pertaining to the secretion and drainage of tears

synonym: tear duct, weeping, lacrimation

(1) **lacrimal** secretion, (2) **lacrimal** gland

The patient had a **lacrimal** duct obstruction, causing excessive tearing and discomfort.

gland

n. a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream

synonym: secretor

(1) the function of the thyroid **gland**, (2) a mammary **gland**

The adrenal **glands** produce steroids.

tube

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

synonym: pipe, hose, duct

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

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

punctum

n. a particular point, detail, or moment that stands out or captures attention, often having a significant emotional or aesthetic impact

synonym: dot, spot, mark

(1) **punctum** photography, (2) **punctum** analysis

The photograph had a **punctum** that captured my attention and stirred deep emotions.

drain

v. to empty or dry something by removing the liquid from it

synonym: draw off, bleed

(1) **drain** water from the swamp, (2) **drain** excess liquid

Push the button and let the water **drain** away.

ounce

n. a unit of weight equal to approximately 28 grams
(1) **ounce** weight, (2) have an **ounce** of confidence
One **ounce** of gold is worth much money.

gallon

n. a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
(1) 5- **gallon** square can, (2) ten- **gallon** hat
The imperial **gallon** was standardized legally by the British Empire.

basal

adj. forming or belonging to a bottom layer or base of something
synonym: beginning, rudimentary, introductory
(1) **basal** activity, (2) **basal** cells in the skin
The patient has to keep a record of **basal** body temperature.

constantly

adv. all the time
synonym: continuously, always, frequently
(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind
The mobile application industry is **constantly** changing.

dirt

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
synonym: filth, grime, muck
(1) **dirt** road, (2) **dirt** track
The garden was filled with **dirt** and needed to be tilled before planting.

debris

n. broken or torn fragments of something
synonym: remains, remnants, garbage
(1) space **debris**, (2) pile of **debris**
Marine **debris** is a major continuous global problem.

mucus

n. a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

synonym : secretion, slime, saliva

(1) airway **mucus**, (2) nasal **mucus**

When the body temperature drops, **mucus** secretion fails.

aqueous

adj. of or pertaining to water; containing, dissolved in, or related to water; watery or liquid in nature

synonym : watery, liquid, fluid

(1) **aqueous** medium, (2) **aqueous** environment

The medication must be stored in an **aqueous** solution to maintain effectiveness.

hydrate

v. to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization

synonym : moisturize, water, rehydrate

(1) **hydrate** my skin, (2) acid **hydrate**

She drank water to **hydrate** her body.

repel

v. to force an attack or attacker to withdraw or retreat

synonym : turn away, fight off, force back

(1) **repel** bandits, (2) **repel** bad luck

This material can **repel** moisture swiftly.

invasive

adj. spreading very quickly, and often aggressively, and difficult to stop

synonym : aggressive, rampant, spreading

(1) **invasive** breast cancer, (2) **invasive** species

The **invasive** disease can spread quickly and potentially cause a global pandemic.

bacteria

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

synonym : microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**
Bacteria prevalent in hospitals are often resistant to antibiotics.

cornea

n. the transparent layer at the front of the eye that covers the iris and pupil and helps to focus light onto the retina
synonym: eye membrane, eye lens

(1) **cornea** transplant, (2) **cornea** damage

A scratched **cornea** can be very painful and may cause blurry vision.

damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym: harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

lipid

n. any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells

synonym: fat, oil, phospholipid

(1) **lipid** metabolism, (2) blood **lipid** profile

Omega-3 fatty acids, found in foods like fish and nuts, are a type of **lipid** that is good for heart health.

evaporate

v. to turn a liquid into a gas; to become less intense and disappear gradually

synonym: vaporize, disappear, vanish

(1) **evaporate** the water, (2) **evaporate** almost overnight

The sun will **evaporate** the mist.

normally

adv. usually; under normal conditions

synonym : commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much

I don't **normally** take a vacation in the middle of summer.

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**.

smite

v. to strike with a heavy blow or weapon; to defeat or conquer decisively; to afflict with sudden or severe pain or affliction

synonym : hit, strike, batter

(1) **smite** enemies, (2) **smite** a blow

The hero was able to **smite** the monster with a single blow.

gorgeous

adj. wonderful and attractive

synonym : beautiful, stunning, attractive

(1) a **gorgeous** meal, (2) **gorgeous** sunset

She wore a **gorgeous** dress to the party, which everyone admired.

purple

adj. of a color intermediate between red and blue

synonym : violet

(1) deep **purple**, (2) **purple** sweet potatoes

The plant has a stunning **purple** blossom.

terrific

adj. causing terror or fear; extremely great or intense; very good or excellent

synonym : fantastic, great, excellent

(1) absolutely **terrific**, (2) at a **terrific** speed

The view from the top of the mountain was **terrific**, with sweeping vistas of the valley below.

invite

v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

synonym: ask, request, summon

(1) **invite** guests, (2) **invite** criticism

We want to **invite** you to our annual charity event.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

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

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

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym: response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

convert

v. to have a talk with someone; (adjective) reversed in order, relation, or action

synonym: alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16

I want to **convert** my sadness into strength.

sulfur

n. (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications

(1) **sulfur** dioxide, (2) **sulfur** mine

The **sulfur** emissions from the nearby factory caused the rotten egg smell.

acid

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

synonym: sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

nasty

adj. very bad, unpleasant, or offensive

synonym: disgusting, offensive, foul

(1) a **nasty** smell, (2) receive a **nasty** surprise

The weather turned **nasty**.

substance

n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

synonym: essence, core, material

(1) an explosive **substance**, (2) **substance** abuse problem

The **substance** of the argument was well-presented.

sting

v. to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick

synonym: bite, prick, poke

(1) **sting** me on the arm, (2) **sting** his face

Bees **sting** as a defense mechanism when they feel threatened.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

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

Who answers **suddenly** knows little.

weep

v. to cry tears because of sadness, rage, or pain

synonym: cry, sob, mourn

(1) **weep** bitter tears, (2) **weep** for joy

I'm easily moved to tears, so I would **weep** in sympathy if I saw that movie.

controllable

adj. able to be controlled or directed

synonym : manageable, governable, submissive

(1) computer- **controllable**, (2) **controllable** aircraft

The new software is much more **controllable** and user-friendly.

reflex

n. an automatic and unthinking response to a particular stimulus; a physical reaction to external stimuli

synonym : reaction, response, instinct

(1) **reflex** test, (2) knee **reflex**

My leg kicked involuntarily when the doctor tapped my knee with the **reflex** hammer.

particle

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

synonym : atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

release

v. to set free or allow to escape from confinement

synonym : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO₂ into the air

The animal rights group worked to **release** the dolphins back into the wild.

antibody

n. a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease

(1) produce **antibody**, (2) **antibody** against bacteria

This pharmaceutical company is developing **antibody** drugs with fewer side effects.

microorganism

n. a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope

synonym : germ, microbe, bacterium

(1) pathogenic **microorganism**, (2) **microorganisms** in his

gut

This **microorganism** is a producer of respiratory disease.

devastate

v. to wreck a place or an area or cause significant damage

synonym: demolish, destroy, crush

(1) **devastate** an area, (2) **devastate** the economy

Earthquakes can also trigger tsunamis, which **devastate** coastal areas.

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.

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.

emotional

adj. relating to people's feelings

synonym: affecting, impactful, impressive

(1) **emotional** health, (2) **emotional** distress

Human **emotional** responses vary widely depending on the society to which they belong.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym: brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

mood

n. the way you feel at a particular time; an angry or impatient state of mind

synonym: mindset, disposition, temper

(1) the **mood** in a room, (2) in an ugly **mood**

His gaffe spoiled the **mood** of the dinner party.

mechanism

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

synonym: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

elicit

v. to obtain information or a reaction from someone, usually with difficulty

synonym: bring out, obtain, evoke

(1) **elicit** a confession, (2) **elicit** a solution

Have you **elicited** a response from them yet?

sympathy

n. the feeling of being sorry for someone who is experiencing a difficult or unpleasant situation; understanding or sharing someone else's feelings or emotions

synonym: compassion, empathy, understanding

(1) **sympathy** card, (2) feel **sympathy**

I expressed my **sympathy** to my friend after her cat passed away.

submission

n. the act of giving a document, proposal, etc., to somebody for consideration or judgment; the act of giving in or yielding to a superior force or authority

synonym: obedience, yielding, compliance

(1) **submission** agreement, (2) **submission** of a final report

The **submission** deadline for the project is next week.

hormone

n. a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

(1) **hormone** secretion, (2) female **hormone**

The doctor diagnosed me with a **hormone** disorder.

enkephalin

n. a type of peptide molecule that acts as a neurotransmitter in the brain and is involved in pain relief and other physiological processes

synonym: endorphin, endomorphin

(1) **enkephalin** receptor, (2) opioid **enkephalin**

The level of **enkephalin** in the brain can be affected by certain drugs.

endorphin

n. a natural hormone-like substance that is produced by the body and that acts on the nervous system to reduce pain and induce a feeling of well-being

synonym: pain reliever, mood elevator

(1) beta- **endorphin**, (2) **endorphin** rush

The release of **endorphins** during exercise can provide a natural high and help to relieve stress.

calm

adj. not excited, angry, or nervous; free from wind, large waves

synonym: quiet, peaceful, tranquility

(1) **calm** sea, (2) **calm** manner

It was the first time in a long time that I felt truly **calm** and at peace.

balanced

adj. taking all sides or opinions into account equally; being in a state of proper equilibrium

synonym: equitable, congruous, flat

(1) a **balanced** diet, (2) a well- **balanced** mind

We conducted a **balanced** assessment of intellectual and cultural history.

Session 2: Spelling

- | | | |
|---------------------------------------|------|--|
| 1. re_____e CO2 into the air | v. | to set free or allow to escape from confinement |
| 2. st_____ze prices | v. | to become or cause to become steady or unlikely to give way |
| 3. pathogenic mic_____ism | n. | a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope |
| 4. absolutely te_____ic | adj. | causing terror or fear; extremely great or intense; very good or excellent |
| 5. se_____ve documents | adj. | able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do |
| 6. pile of de____s | n. | broken or torn fragments of something |
| 7. a con_____ly innovative enterprise | adv. | all the time |
| 8. chemical re_____on | n. | a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others |
| 9. in____e guests | v. | to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place |
| 10. ten-ga____n hat | n. | a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters |

ANSWERS: 1. release, 2. stabilize, 3. microorganism, 4. terrific, 5. sensitive, 6. debris, 7. constantly, 8. reaction, 9. invite, 10. gallon

11. ev_____te almost overnight *v.* to turn a liquid into a gas; to become less intense and disappear gradually
12. receive a na__y surprise *adj.* very bad, unpleasant, or offensive
13. re__l bad luck *v.* to force an attack or attacker to withdraw or retreat
14. co___a transplant *n.* the transparent layer at the front of the eye that covers the iris and pupil and helps to focus light onto the retina
15. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
16. dr__n excess liquid *v.* to empty or dry something by removing the liquid from it
17. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
18. sy_____hy card *n.* the feeling of being sorry for someone who is experiencing a difficult or unpleasant situation; understanding or sharing someone else's feelings or emotions
19. a ba_____ed diet *adj.* taking all sides or opinions into account equally; being in a state of proper equilibrium
20. co___a damage *n.* the transparent layer at the front of the eye that covers the iris and pupil and helps to focus light onto the retina
21. r__r with laughter *v.* to make a loud, deep sound, like a lion or a car engine

ANSWERS: 11. evaporate, 12. nasty, 13. repel, 14. cornea, 15. decide, 16. drain, 17. particle, 18. sympathy, 19. balanced, 20. cornea, 21. roar

22. a ch____al compound *adj.* relating to or connected with chemistry;
23. baby with se____ve skin *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
24. in____ve breast cancer *adj.* spreading very quickly, and often aggressively, and difficult to stop
25. ou__e weight *n.* a unit of weight equal to approximately 28 grams
26. harmless ba____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
27. li__d metabolism *n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells
28. 5-ga____n square can *n.* a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
29. space de____s *n.* broken or torn fragments of something
30. blood li__d profile *n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells

ANSWERS: 22. chemical, 23. sensitive, 24. invasive, 25. ounce, 26. bacteria, 27. lipid, 28. gallon, 29. debris, 30. lipid

31. c__m manner *adj.* not excited, angry, or nervous; free from wind, large waves
32. write him an answer imm_____ly *adv.* now or without delay
33. ev_____te the water *v.* to turn a liquid into a gas; to become less intense and disappear gradually
34. em_____al health *adj.* relating to people's feelings
35. in___e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
36. the m__d in a room *n.* the way you feel at a particular time; an angry or impatient state of mind
37. opioid enk_____in *n.* a type of peptide molecule that acts as a neurotransmitter in the brain and is involved in pain relief and other physiological processes
38. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
39. in an ugly m__d *n.* the way you feel at a particular time; an angry or impatient state of mind
40. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
41. da___e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 31. calm, 32. immediately, 33. evaporate, 34. emotional, 35. invite, 36. mood, 37. enkephalin, 38. bacteria, 39. mood, 40. tube, 41. damage

42. imm_____ly recall a product *adv.* now or without delay
43. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
44. complete no_____ly *adv.* usually; under normal conditions
45. blue i__s *n.* the colored part of the eye that surrounds the pupil; a flower with showy petals, named for its resemblance to the eye's iris
46. a mammary gl__d *n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
47. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
48. a na__y smell *adj.* very bad, unpleasant, or offensive
49. pu___e sweet potatoes *adj.* of a color intermediate between red and blue
50. aq____s medium *adj.* of or pertaining to water; containing, dissolved in, or related to water; watery or liquid in nature
51. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 42. immediately, 43. mechanism, 44. normally, 45. iris, 46. gland, 47. tube, 48. nasty, 49. purple, 50. aqueous, 51. mechanism

52. an____dy against bacteria *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
53. sm__e a blow *v.* to strike with a heavy blow or weapon; to defeat or conquer decisively; to afflict with sudden or severe pain or affliction
54. el____t a solution *v.* to obtain information or a reaction from someone, usually with difficulty
55. st_____ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way
56. dr__n water from the swamp *v.* to empty or dry something by removing the liquid from it
57. re____x test *n.* an automatic and unthinking response to a particular stimulus; a physical reaction to external stimuli
58. a con_____ly varying mind *adv.* all the time
59. la____al secretion *adj.* relating to tears or tear ducts; pertaining to the secretion and drainage of tears
60. a well-ba_____ed mind *adj.* taking all sides or opinions into account equally; being in a state of proper equilibrium
61. con_____ble aircraft *adj.* able to be controlled or directed
62. st__g his face *v.* to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick
63. incessant ca____g *n.* the act of making the characteristic loud, harsh, and repeated cry of a crow or raven

ANSWERS: 52. antibody, 53. smite, 54. elicit, 55. stabilize, 56. drain, 57. reflex, 58. constantly, 59. lacrimal, 60. balanced, 61. controllable, 62. sting, 63. cawing

64. mic_____isms in his gut *n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
65. beta-en_____in *n.* a natural hormone-like substance that is produced by the body and that acts on the nervous system to reduce pain and induce a feeling of well-being
66. not no_____ly drink much *adv.* usually; under normal conditions
67. aq_____s environment *adj.* of or pertaining to water; containing, dissolved in, or related to water; watery or liquid in nature
68. nasal mu__s *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
69. el____t a confession *v.* to obtain information or a reaction from someone, usually with difficulty
70. toxic ch_____als *adj.* relating to or connected with chemistry;
71. su_____ce abuse problem *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
72. la_____al gland *adj.* relating to tears or tear ducts; pertaining to the secretion and drainage of tears
73. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
74. a go_____us meal *adj.* wonderful and attractive
75. ba__l cells in the skin *adj.* forming or belonging to a bottom layer or base of something

ANSWERS: 64. microorganism, 65. endorphin, 66. normally, 67. aqueous, 68. mucus, 69. elicit, 70. chemical, 71. substance, 72. lacrimal, 73. relation, 74. gorgeous, 75. basal

76. feel sy____hy *n.* the feeling of being sorry for someone who is experiencing a difficult or unpleasant situation; understanding or sharing someone else's feelings or emotions
77. co____t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
78. pu____m photography *n.* a particular point, detail, or moment that stands out or captures attention, often having a significant emotional or aesthetic impact
79. em____al distress *adj.* relating to people's feelings
80. trigger a re____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
81. an a__d reaction *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
82. de____e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
83. airway mu__s *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
84. ho____e secretion *n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

ANSWERS: 76. sympathy, 77. convert, 78. punctum, 79. emotional, 80. reaction, 81. acid, 82. decide, 83. mucus, 84. hormone

85. w__p for joy *v.* to cry tears because of sadness, rage, or pain
86. de_____te the economy *v.* to wreck a place or an area or cause significant damage
87. computer-con_____ble *adj.* able to be controlled or directed
88. su_____ly attacked by an enemy *adv.* quickly and unexpectedly
89. acid hy_____e *v.* to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization
90. i__s pattern *n.* the colored part of the eye that surrounds the pupil; a flower with showy petals, named for its resemblance to the eye's iris
91. an explosive su_____ce *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
92. have an ou__e of confidence *n.* a unit of weight equal to approximately 28 grams
93. en_____in rush *n.* a natural hormone-like substance that is produced by the body and that acts on the nervous system to reduce pain and induce a feeling of well-being
94. d__t track *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

ANSWERS: 85. weep, 86. devastate, 87. controllable, 88. suddenly, 89. hydrate, 90. iris, 91. substance, 92. ounce, 93. endorphin, 94. dirt

95. sm__e enemies *v.* to strike with a heavy blow or weapon; to defeat or conquer decisively; to afflict with sudden or severe pain or affliction
96. re____e a prisoner *v.* to set free or allow to escape from confinement
97. co____t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
98. w__p bitter tears *v.* to cry tears because of sadness, rage, or pain
99. sub_____on agreement *n.* the act of giving a document, proposal, etc., to somebody for consideration or judgment; the act of giving in or yielding to a superior force or authority
100. su____r dioxide *n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
101. deep pu___e *adj.* of a color intermediate between red and blue
102. produce an____dy *n.* a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
103. the distant ca____g of seagulls *n.* the act of making the characteristic loud, harsh, and repeated cry of a crow or raven
104. in____ve species *adj.* spreading very quickly, and often aggressively, and difficult to stop

ANSWERS: 95. smite, 96. release, 97. convert, 98. weep, 99. submission, 100. sulfur, 101. purple, 102. antibody, 103. cawing, 104. invasive

105. at a te____ic speed *adj.* causing terror or fear; extremely great or intense; very good or excellent
106. charged pa____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
107. c__m sea *adj.* not excited, angry, or nervous; free from wind, large waves
108. ba__l activity *adj.* forming or belonging to a bottom layer or base of something
109. da____e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
110. r__r for more *v.* to make a loud, deep sound, like a lion or a car engine
111. female ho____e *n.* a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood
112. su____r mine *n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
113. good source of essential amino a__ds *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

ANSWERS: 105. terrific, 106. particle, 107. calm, 108. basal, 109. damage, 110. roar, 111. hormone, 112. sulfur, 113. acid

114. die su____ly *adv.* quickly and unexpectedly
115. de_____te an area *v.* to wreck a place or an area or cause significant damage
116. hy_____e my skin *v.* to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization
117. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
118. go_____us sunset *adj.* wonderful and attractive
119. re__l bandits *v.* to force an attack or attacker to withdraw or retreat
120. the function of the thyroid gl__d *n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
121. enk_____in receptor *n.* a type of peptide molecule that acts as a neurotransmitter in the brain and is involved in pain relief and other physiological processes
122. sub_____on of a final report *n.* the act of giving a document, proposal, etc., to somebody for consideration or judgment; the act of giving in or yielding to a superior force or authority
123. pu_____m analysis *n.* a particular point, detail, or moment that stands out or captures attention, often having a significant emotional or aesthetic impact

ANSWERS: 114. suddenly, 115. devastate, 116. hydrate, 117. relation, 118. gorgeous, 119. repel, 120. gland, 121. enkephalin, 122. submission, 123. punctum

124. d__t road
- n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
125. st__g me on the arm
- v.* to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick
126. knee re___x
- n.* an automatic and unthinking response to a particular stimulus; a physical reaction to external stimuli

ANSWERS: 124. dirt, 125. sting, 126. reflex

Session 3: Fill in the Blanks

1. The _____ of the crows echoed through the quiet forest.
n. the act of making the characteristic loud, harsh, and repeated cry of a crow or raven

2. The photograph had a _____ that captured my attention and stirred deep emotions.
n. a particular point, detail, or moment that stands out or captures attention, often having a significant emotional or aesthetic impact

3. I want to _____ my sadness into strength.
v. to have a talk with someone; (adjective) reversed in order, relation, or action

4. The new software is much more _____ and user-friendly.
adj. able to be controlled or directed

5. We can calculate the position of the _____ statistically.
n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

6. 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

7. The doctor diagnosed me with a _____ disorder.
n. a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

ANSWERS: 1. cawing, 2. punctum, 3. convert, 4. controllable, 5. particles, 6. decide, 7. hormone

8. We conducted a _____ assessment of intellectual and cultural history.
adj. taking all sides or opinions into account equally; being in a state of proper equilibrium
9. His gaffe spoiled the _____ of the dinner party.
n. the way you feel at a particular time; an angry or impatient state of mind
10. The imperial _____ was standardized legally by the British Empire.
n. a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
11. When the body temperature drops, _____ secretion fails.
n. a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
12. Have you _____ a response from them yet?
v. to obtain information or a reaction from someone, usually with difficulty
13. Push the button and let the water _____ away.
v. to empty or dry something by removing the liquid from it
14. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement
15. The _____ emissions from the nearby factory caused the rotten egg smell.
n. (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications

ANSWERS: 8. balanced, 9. mood, 10. gallon, 11. mucus, 12. elicited, 13. drain, 14. release, 15. sulfur

16. The lion _____ loudly, signaling its dominance over the other animals.
v. to make a loud, deep sound, like a lion or a car engine
17. The adrenal _____ produce steroids.
n. a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
18. Earthquakes can also trigger tsunamis, which _____ coastal areas.
v. to wreck a place or an area or cause significant damage
19. A scratched _____ can be very painful and may cause blurry vision.
n. the transparent layer at the front of the eye that covers the iris and pupil and helps to focus light onto the retina
20. I don't _____ take a vacation in the middle of summer.
adv. usually; under normal conditions
21. The level of _____ in the brain can be affected by certain drugs.
n. a type of peptide molecule that acts as a neurotransmitter in the brain and is involved in pain relief and other physiological processes
22. 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
23. She drank water to _____ her body.
v. to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization
24. The mobile application industry is _____ changing.
adv. all the time

ANSWERS: 16. roared, 17. glands, 18. devastate, 19. cornea, 20. normally, 21. enkephalin, 22. relations, 23. hydrate, 24. constantly

25. He discovered unique _____ for photochemical reactions.

- n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

26. A suspension order from the court is effective _____.

- adv.* now or without delay

27. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.

- v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

28. She wore a _____ dress to the party, which everyone admired.

- adj.* wonderful and attractive

29. Marine _____ is a major continuous global problem.

- n.* broken or torn fragments of something

30. The sun will _____ the mist.

- v.* to turn a liquid into a gas; to become less intense and disappear gradually

31. It was the first time in a long time that I felt truly _____ and at peace.

- adj.* not excited, angry, or nervous; free from wind, large waves

32. The raising of interest rates _____ the inflation rate.

- v.* to become or cause to become steady or unlikely to give way

ANSWERS: 25. mechanisms, 26. immediately, 27. damage, 28. gorgeous, 29. debris, 30. evaporate, 31. calm, 32. stabilizes

33. I'm easily moved to tears, so I would _____ in sympathy if I saw that movie.
v. to cry tears because of sadness, rage, or pain
34. We want to _____ you to our annual charity event.
v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
35. _____ prevalent in hospitals are often resistant to antibiotics.
n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
36. This material can _____ moisture swiftly.
v. to force an attack or attacker to withdraw or retreat
37. Who answers _____ knows little.
adv. quickly and unexpectedly
38. The _____ of the argument was well-presented.
n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
39. The plant has a stunning _____ blossom.
adj. of a color intermediate between red and blue
40. The weather turned _____.
adj. very bad, unpleasant, or offensive
41. Omega-3 fatty acids, found in foods like fish and nuts, are a type of _____ that is good for heart health.
n. any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells

ANSWERS: 33. weep, 34. invite, 35. Bacteria, 36. repel, 37. suddenly, 38. substance, 39. purple, 40. nasty, 41. lipid

42. The medication must be stored in an _____ solution to maintain effectiveness.
adj. of or pertaining to water; containing, dissolved in, or related to water; watery or liquid in nature
43. The _____ disease can spread quickly and potentially cause a global pandemic.
adj. spreading very quickly, and often aggressively, and difficult to stop
44. The _____ of the eye contracts and expands to control the amount of light that enters.
n. the colored part of the eye that surrounds the pupil; a flower with showy petals, named for its resemblance to the eye's iris
45. The garden was filled with _____ and needed to be tilled before planting.
n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
46. The release of _____ during exercise can provide a natural high and help to relieve stress.
n. a natural hormone-like substance that is produced by the body and that acts on the nervous system to reduce pain and induce a feeling of well-being
47. This pharmaceutical company is developing _____ drugs with fewer side effects.
n. a substance produced in the blood that attacks and kills harmful bacteria, viruses, etc., to fight disease
48. The hero was able to _____ the monster with a single blow.
v. to strike with a heavy blow or weapon; to defeat or conquer decisively; to afflict with sudden or severe pain or affliction

ANSWERS: 42. aqueous, 43. invasive, 44. iris, 45. dirt, 46. endorphins, 47. antibody, 48. smite

49. During pregnancy, the stomach generates less _____ than usual.
- n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
50. The teacher is very _____ to children's feelings.
- adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
51. There was a chemical _____ of the lime with the groundwater.
- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
52. One _____ of gold is worth much money.
- n.* a unit of weight equal to approximately 28 grams
53. This _____ is a producer of respiratory disease.
- n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
54. The _____ train was packed with commuters during rush hour.
- n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
55. I expressed my _____ to my friend after her cat passed away.
- n.* the feeling of being sorry for someone who is experiencing a difficult or unpleasant situation; understanding or sharing someone else's feelings or emotions
56. The patient had a _____ duct obstruction, causing excessive tearing and discomfort.
- adj.* relating to tears or tear ducts; pertaining to the secretion and drainage of tears

ANSWERS: 49. acid, 50. sensitive, 51. reaction, 52. ounce, 53. microorganism, 54. tube, 55. sympathy, 56. lacrimal

57. The _____ deadline for the project is next week.

n. the act of giving a document, proposal, etc., to somebody for consideration or judgment; the act of giving in or yielding to a superior force or authority

58. Human _____ responses vary widely depending on the society to which they belong.

adj. relating to people's feelings

59. The patient has to keep a record of _____ body temperature.

adj. forming or belonging to a bottom layer or base of something

60. My leg kicked involuntarily when the doctor tapped my knee with the _____ hammer.

n. an automatic and unthinking response to a particular stimulus; a physical reaction to external stimuli

61. Bees _____ as a defense mechanism when they feel threatened.

v. to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick

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

adj. relating to or connected with chemistry;

63. The view from the top of the mountain was _____ with sweeping vistas of the valley below.

adj. causing terror or fear; extremely great or intense; very good or excellent

ANSWERS: 57. submission, 58. emotional, 59. basal, 60. reflex, 61. sting, 62. chemical, 63. terrific,