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## Vocabulary Builder Reference from...

*Frederick Streeter Barrett: The neuroscience of psychedelic drugs, music and nostalgia | TED Talk*  
[https://www.ted.com/talks/frederick\\_streeter\\_barrett\\_the\\_neuroscience\\_of\\_psychedellic\\_drugs\\_music\\_and\\_nostalgia](https://www.ted.com/talks/frederick_streeter_barrett_the_neuroscience_of_psychedellic_drugs_music_and_nostalgia)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### psychiatry

*n.* the branch of medicine concerned with the study, treatment, and prevention of mental illness

*synonym* : mental health, psychology, psychoanalysis

(1) **psychiatry** therapy, (2) biological **psychiatry**

The field of **psychiatry** is constantly evolving, with new treatments and approaches being developed all the time.

### psychedelic

*adj.* relating to or characterized by the use of drugs or the effects that produce altered perceptions, heightened awareness, and vivid imagery; describing art, music, or fashion characterized by bright colors, bold patterns, and unconventional designs

*synonym* : trippy, hallucinogenic, mind-bending

(1) **psychedelic** therapy, (2) **psychedelic** art

The Beatles' **psychedelic** music was a hallmark of the 1960s counterculture movement.

### mushroom

*n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap

*synonym* : fungus, toadstool

(1) **mushroom** spores, (2) **mushroom** cultivation

The **mushroom** risotto was delicious, but I couldn't identify all the mushrooms in it.

## psilocybin

*n.* a naturally occurring psychedelic compound found in more than 200 species of mushrooms, which produces various perceptual, cognitive, and emotional effects when ingested

*synonym* : magic mushrooms, shrooms

(1) **psilocybin** mushrooms, (2) **psilocybin** microdosing

The use of **psilocybin** in religious ceremonies has been documented in various cultures throughout history.

## ingest

*v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge

*synonym* : swallow, consume, devour

(1) **ingest** food, (2) **ingest** medication

People who compulsively **ingest** non-food items, such as dirt or chalk, suffer from a condition called pica.

## well-being

*n.* the state of being happy and healthy and prosperous

*synonym* : health, welfare, happiness

(1) the **well-being** of a nation, (2) a sense of **well-being**

We are responsible for the care and **well-being** of all our employees.

## purposeful

*adj.* having a specific aim or purpose; determined

*synonym* : determined, resolved, resolute

(1) **purposeful** series of actions, (2) at a **purposeful** pace

She had a **purposeful** look and was determined to complete the task.

## salsa

*n.* a type of spicy sauce or condiment made from tomatoes, onions, chili peppers, and other ingredients, commonly used in Latin American and Mexican cuisine, as well as a lively social dance style with origins in those same regions

*synonym* : sauce, dip, condiment

(1) **salsa** music, (2) homemade **salsa** dip

We brought chips and **salsa** to the party as a tasty appetizer.

## meringue

*n.* a sweet, whipped dessert topping made from egg whites and sugar, usually baked or cooked and used to top pies, cakes, or pastries

(1) **meringue** topping, (2) chocolate **meringue** pie

The **meringue** on the lemon pie was perfectly fluffy and sweet.

## morph

*v.* to change or cause to change something or someone smoothly and gradually from one thing to another

*synonym* : alter, modify, transform

(1) **morph** into a different shape, (2) **morph** into something entirely different

This company **morphed** into an enterprise company.

## neuroscience

*n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

(1) the branch of **neuroscience**, (2) a theoretical concept in **neuroscience**

Our university is famous for its professors, who are well-versed in behavioral **neuroscience**.

## evoke

*v.* to bring or recall a feeling, memory, or image into your mind

*synonym* : arouse, raise, inspire

(1) **evoke** a sense of awe, (2) **evoke** sympathy

This movie is likely to **evoke** strong emotions in the viewer.

## nostalgia

*n.* a sentimental longing or wistful affection for a period in the past

*synonym* : longing, wistfulness, yearning

(1) a warm **nostalgia**, (2) **nostalgia** trip

The ice cream truck's sound brought back **nostalgia** for my

childhood.

## bittersweet

*adj.* having a mixture of both positive and negative emotions or experiences; simultaneously pleasant and painful

*synonym*: semisweet, ambivalent, mixed

(1) **bittersweet** ending, (2) a **bittersweet** memory

The graduation ceremony was **bittersweet** as the students said goodbye to their classmates and teachers.

## autobiographical

*adj.* relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative

*synonym*: self-written, self-told, personal

(1) **autobiographical** narrative, (2) **autobiographical** memory

The author wrote an **autobiographical** novel about growing up in a small town.

## immerse

*v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

*synonym*: dip, inundate, submerge

(1) **immerse** the cloth in the dye, (2) completely **immerse** the ingredient

He **immersed** himself in his research.

## promenade

*n.* a stroll or walk, often taken in a public place or park; a public place for walking or strolling, often filled with shops or vendors; a dance movement in which the partners move around the floor in a circle or similar pattern

*synonym*: stroll, walkway, boulevard

(1) evening **promenade**, (2) **promenade** in the park

The boardwalk by the beach was a beautiful **promenade** for tourists and locals alike.

## weave

*v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

*synonym* : braid, unite, contrive

(1) **weave** on a loom, (2) **weave** a story

The girl **weaves** a garland for her friend.

## stave

*n.* a long, narrow piece of wood or similar material, often used as a structural element in construction or to make barrels, musical instruments, furniture, or other objects; (verb) to fend off, ward off or prevent something from happening

*synonym* : stick, rod, staff

(1) **stave** off a conspiracy, (2) barrel **stave**

They used iron **staves** to hit the ships and prevent them from approaching the harbor.

## imminence

*n.* the state of being about to happen soon; the quality of being impending or imminent

*synonym* : impending, forthcoming, approaching

(1) **imminence** of danger, (2) **imminence** of war

The **imminence** of the storm led the residents to take shelter.

## cognition

*n.* the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind

*synonym* : awareness, understanding, comprehension

(1) social **cognition**, (2) **cognition** disorder

The professor focused on the research of infant **cognition**.

## interrogate

*v.* to examine someone with questions over a lengthy period, especially in an aggressive manner

*synonym* : question, examine, probe

(1) **interrogate** an enemy soldier, (2) **interrogated** by police

The lawyer spent considerable time to adequately **interrogate** the witness.

## gyrus

*n.* a convolution of the surface of the brain

*synonym*: convolution, brain fold, cerebral sulcus

(1) **gyrus** function, (2) cerebral **gyrus**

The inferior temporal **gyrus** is involved in object recognition.

## auditory

*adj.* of or relating to hearing or the ability to hear

*synonym*: hearing, audible, aural

(1) a good **auditory** memory, (2) **auditory** system

The **auditory** nerve carries sound signals from the ear to the brain.

## insula

*n.* a small island, particularly one situated off the coast of a larger landmass; (of anatomy) a region of the brain that plays a role in processing emotions and integrating sensory information

*synonym*: island, islet, atoll

(1) **insula** region, (2) posterior **insula**

The brain's **insula** regulates emotions, empathy, and self-awareness.

## visceral

*adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

*synonym*: instinctive, intuitive, gut

(1) **visceral** organ, (2) **visceral** fear

After watching the horror movie, she had a **visceral** reaction and couldn't sleep all night.

## prefrontal

*adj.* in or about the foremost part of the frontal lobe of the brain

(1) **prefrontal** bone, (2) **prefrontal** region

Research shows that damage to the **prefrontal** cortex leads to increased aggression.

## cingulate

*n.* a part of the brain situated in the medial aspect of the cerebral cortex that is an integral part of the limbic system, which is involved with emotion formation and

processing, learning, and memory

(1) a posterior **cingulate**, (2) ventral **cingulate** cortex

Researchers found marked differences in the anterior **cingulate** of the brain between species.

## insular

*adj.* relating to, characteristic of, or situated on an island, especially an isolated one; interested only in your own country, group, ideas, etc., and not in those from outside

*synonym*: narrow-minded, circumscribed, isolated

(1) an **insular** country, (2) **insular** prejudices

She blamed his **insular** attitudes toward foreigners.

## parietal

*adj.* relating to or situated near the wall of a body cavity; of, relating to, or involving the walls or outer surfaces of an organ or structure

*synonym*: cerebral, skull, cranial

(1) **parietal** cortex, (2) **parietal** bone

The **parietal** lobe of the brain is responsible for processing sensory information.

## occiput

*n.* the back part of the head or skull

*synonym*: back of the head, skull base

(1) **occiput** muscles, (2) **occiput** pain

The massage therapist focused on the client's **occiput** region to relieve tension in the neck.

## cortical

*adj.* relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain

(1) **cortical** neurons, (2) **cortical** activity

The MRI showed activity in the **cortical** region of the patient's brain.

## outsized

*adj.* larger or more extensive than what is considered average or normal; of an unusually large size or amount

*synonym*: oversized, huge, massive

(1) **outsized** impact, (2) **outsized** equipment

The musician's **outsized** stage presence made her concerts an unforgettable experience.

## salvage

*n.* the act of saving or rescuing something from potential loss or destruction; the property or items that are saved or rescued in this way; (verb) to save, recover, or rescue something from a dangerous, damaged, or deteriorating situation

*synonym* : rescue, recovery

(1) **salvage** operation, (2) **salvage** a sunken ship

The **salvage** yard was full of old cars waiting to be scrapped.

## vex

*v.* to irritate or annoy with petty frustrations; to cause distress or agitation

*synonym* : annoy, irritate, bother

(1) **vex** my mind, (2) **vex** me all night

The loud noise from the construction site was starting to **vex** the nearby residents.

## disinterest

*n.* lack of interest, concern, or involvement in a particular matter; impartiality or neutrality

*synonym* : impartiality, neutrality, detachment

(1) show **disinterest**, (2) **disinterest** in politics

The judge's **disinterest** in the case allowed for an impartial decision.

## disgust

*n.* a strong feeling of dislike or disapproval

*synonym* : nauseate, hate, dislike

(1) public **disgust**, (2) show **disgust** at his actions

He was filled with **disgust** and fear for the threat of war.

## touchstone

*n.* a standard or criterion by which something is judged or evaluated; a fine-grained dark stone, such as jasper or basalt, used to test the purity of gold or silver in alloys by observing how much the color changes when rubbed against it

*synonym* : benchmark, standard, criterion



(1) artistic **touchstone**, (2) the **touchstone** of truth

The **touchstone** for our company's success has always been our commitment to customer satisfaction.

## rekindle

*v.* to revive or renew something that was previously lost or forgotten, often a relationship or feeling

*synonym*: revitalize, reignite, revive

(1) **rekindle** love, (2) **rekindle** hope

The couple tried to **rekindle** their relationship by spending more time together.

## insightful

*adj.* having or showing a deep understanding and perception of a situation or subject

*synonym*: perceptive, astute, perspicacious

(1) acutely **insightful**, (2) **insightful** analysis

His **insightful** comments added a new perspective to the discussion.

## determinant

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

*synonym*: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

## thalamus

*n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing

*synonym*: sensory gateway, brainstem

(1) **thalamus** function, (2) **thalamus** injury

Damage to the **thalamus** can lead to sensory processing disorders and disruptions in perception.

## medial

*adj.* referencing or situated in the middle of something;  
pertaining to or located near the axis of the body

*synonym* : central, intermediate, midmost

(1) **medial** thigh, (2) **medial** approach

The **medial** side of the knee is prone to injury in certain sports like soccer and basketball.

## knob

*n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet

*synonym* : handle, lever

(1) handy **knob**, (2) **knob** closure

The **knob** on the drawer was loose and needed to be tightened.

## supercharge

*v.* to increase the power or energy of something

*synonym* : boost, enhance, power up

(1) **supercharge** economic growth, (2) **supercharge** the battery

They **supercharged** the engine to get more power.

## long-lasting

*adj.* existing or continuing for a long time

*synonym* : enduring, abiding, durable

(1) **long-lasting** battery, (2) a **long-lasting** friendship

They finally decided to solve the **long-lasting** problem.

## amygdala

*n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell

(1) the decline in **amygdala** activity, (2) **amygdala** damage

The **amygdala** has been associated with memories of past emotional events.

## depress

*v.* to make someone feel sad, low in spirits, or without hope; to make markets, businesses, etc., less active

*synonym* : sadden, discourage, deflate

(1) **depress** their spirits, (2) **depress** crop prices

The economic recession **depressed** the housing market.

## claw

*n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

*synonym* : paw, talon, nail

(1) **claw** marks, (2) **claw** hammer

The bear used its **claw** to catch a fish in the river.

## intractable

*adj.* difficult to manage or control; stubborn or obstinate

*synonym* : obstinate, stubborn, unyielding

(1) **intractable** pain, (2) **intractable** situation

The **intractable** problem defied a solution.

## opioid

*n.* substances that have an effect similar to opium, such as morphine, used in medicines to treat severe pain, but some people take them illegally for pleasure and become addicted

(1) an **opioid** analgesic, (2) **opioid** receptor

Treatment for **opioid** dependence may be a long-term process.

## anorexia

*n.* a serious eating disorder characterized by an intense fear of gaining weight or becoming overweight, along with a persistent refusal to eat an adequate amount of food resulting in significant weight loss, malnutrition, and a wide range of physical and psychological consequences

*synonym* : eating disorder

(1) **anorexia** symptoms, (2) **anorexia** treatment

Many people suffer from **anorexia** nervosa and require professional treatment to recover.

## panacea

*n.* a remedy or solution that is believed to be a cure for all illnesses or problems; something that is seen as a universal cure-all

*synonym* : cure-all, elixir, miracle cure

(1) **panacea** solution, (2) no **panacea** for economic woes  
Many people believe that exercise is the **panacea** for all health problems.

## skeptical

*adj.* doubting that something is accurate or useful

*synonym* : doubtful, distrustful, suspicious

(1) a **skeptical** attitude, (2) **skeptical** scientists  
His religious and philosophical beliefs were utterly **skeptical**.

## disparate

*adj.* very different or distinct from something else and is not connected or comparable in any way

*synonym* : different, distinct, separate

(1) **disparate** impact, (2) physically **disparate** location  
The organization worked to bring together **disparate** groups in the community.

## mold

*n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

*synonym* : cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy  
Mushrooms and **mold** are fungi.

## stigma

*n.* a mark of shame or disgrace associated with a particular circumstance, quality, or person

*synonym* : mark, blemish, disgrace

(1) social **stigma**, (2) **stigma** against obesity  
The mental health **stigma** often prevents people from seeking treatment.

## pervasive

*adj.* spreading or existing throughout every part of a thing or place

*synonym* : extensive, ubiquitous, prevalent

(1) **pervasive** language, (2) the **pervasive** odor of garlic

Suspicion and worry were **pervasive** in our minds.

## **reconnect**

v. to connect again after a break or interruption

*synonym* : reopen, rejoin, link up

(1) **reconnect** a telephone, (2) **reconnect** with family

After a long period of estrangement, they **reconnected** with each other.

## Session 2: Spelling

1. m\_\_d allergy *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
2. oc\_\_\_\_t pain *n.* the back part of the head or skull
3. the pe\_\_\_\_ve odor of garlic *adj.* spreading or existing throughout every part of a thing or place
4. biological psy\_\_\_\_ry *n.* the branch of medicine concerned with the study, treatment, and prevention of mental illness
5. acutely ins\_\_\_\_ul *adj.* having or showing a deep understanding and perception of a situation or subject
6. lon\_\_\_\_ing battery *adj.* existing or continuing for a long time
7. v\_x my mind *v.* to irritate or annoy with petty frustrations; to cause distress or agitation
8. psy\_\_\_\_ry therapy *n.* the branch of medicine concerned with the study, treatment, and prevention of mental illness
9. a posterior ci\_\_\_\_te *n.* a part of the brain situated in the medial aspect of the cerebral cortex that is an integral part of the limbic system, which is involved with emotion formation and processing, learning, and memory

ANSWERS: 1. mold, 2. occiput, 3. pervasive, 4. psychiatry, 5. insightful, 6. long-lasting, 7. vex, 8. psychiatry, 9. cingulate

10. th\_\_\_\_us injury *n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing
11. physically di\_\_\_\_\_te location *adj.* very different or distinct from something else and is not connected or comparable in any way
12. artistic tou\_\_\_\_\_ne *n.* a standard or criterion by which something is judged or evaluated; a fine-grained dark stone, such as jasper or basalt, used to test the purity of gold or silver in alloys by observing how much the color changes when rubbed against it
13. homemade sa\_\_a dip *n.* a type of spicy sauce or condiment made from tomatoes, onions, chili peppers, and other ingredients, commonly used in Latin American and Mexican cuisine, as well as a lively social dance style with origins in those same regions
14. me\_\_\_l approach *adj.* referencing or situated in the middle of something; pertaining to or located near the axis of the body
15. the wel\_\_\_\_\_ng of a nation *n.* the state of being happy and healthy and prosperous
16. me\_\_\_\_\_ue topping *n.* a sweet, whipped dessert topping made from egg whites and sugar, usually baked or cooked and used to top pies, cakes, or pastries

ANSWERS: 10. thalamus, 11. disparate, 12. touchstone, 13. salsa, 14. medial, 15. well-being, 16. meringue

17. ev\_\_e a sense of awe *v.* to bring or recall a feeling, memory, or image into your mind
18. co\_\_\_\_\_on disorder *n.* the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind
19. pr\_\_\_\_\_de in the park *n.* a stroll or walk, often taken in a public place or park; a public place for walking or strolling, often filled with shops or vendors; a dance movement in which the partners move around the floor in a circle or similar pattern
20. completely im\_\_\_\_\_e the ingredient *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
21. pre\_\_\_\_\_al bone *adj.* in or about the foremost part of the frontal lobe of the brain
22. mu\_\_\_\_\_om spores *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
23. we\_\_e a story *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
24. mu\_\_\_\_\_om cultivation *n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
25. c\_\_w hammer *n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

ANSWERS: 17. evoke, 18. cognition, 19. promenade, 20. immerse, 21. prefrontal, 22.



mushroom, 23. weave, 24. mushroom, 25. claw

26. sa\_\_\_\_e operation *n.* the act of saving or rescuing something from potential loss or destruction; the property or items that are saved or rescued in this way; (verb) to save, recover, or rescue something from a dangerous, damaged, or deteriorating situation
27. ev\_\_e sympathy *v.* to bring or recall a feeling, memory, or image into your mind
28. we\_\_e on a loom *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
29. aut\_\_\_\_\_cal narrative *adj.* relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative
30. co\_\_\_\_al neurons *adj.* relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain
31. environmental det\_\_\_\_\_nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
32. int\_\_\_\_\_le situation *adj.* difficult to manage or control; stubborn or obstinate
33. co\_\_\_\_al activity *adj.* relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain
34. psi\_\_\_\_\_in mushrooms *n.* a naturally occurring psychedelic compound found in more than 200 species of mushrooms, which produces various perceptual, cognitive, and emotional effects when ingested

ANSWERS: 26. salvage, 27. evoke, 28. weave, 29. autobiographical, 30. cortical, 31. determinant, 32. intractable, 33. cortical, 34. psilocybin

35. int\_\_\_\_\_ted by police  
*v.* to examine someone with questions over a lengthy period, especially in an aggressive manner
36. vi\_\_\_\_\_al organ  
*adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
37. social co\_\_\_\_\_on  
*n.* the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind
38. a warm no\_\_\_\_\_ia  
*n.* a sentimental longing or wistful affection for a period in the past
39. an\_\_\_\_\_ia symptoms  
*n.* a serious eating disorder characterized by an intense fear of gaining weight or becoming overweight, along with a persistent refusal to eat an adequate amount of food resulting in significant weight loss, malnutrition, and a wide range of physical and psychological consequences
40. re\_\_\_\_\_ct a telephone  
*v.* to connect again after a break or interruption
41. me\_\_\_\_l thigh  
*adj.* referencing or situated in the middle of something; pertaining to or located near the axis of the body
42. the branch of neu\_\_\_\_\_nce  
*n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

ANSWERS: 35. interrogate, 36. visceral, 37. cognition, 38. nostalgia, 39. anorexia, 40. reconnect, 41. medial, 42. neuroscience

43. c\_\_w marks
- n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects
44. v\_x me all night
- v.* to irritate or annoy with petty frustrations; to cause distress or agitation
45. de\_\_\_\_s crop prices
- v.* to make someone feel sad, low in spirits, or without hope; to make markets, businesses, etc., less active
46. st\_\_\_a against obesity
- n.* a mark of shame or disgrace associated with a particular circumstance, quality, or person
47. the decline in am\_\_\_\_la activity
- n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
48. ins\_\_\_\_ul analysis
- adj.* having or showing a deep understanding and perception of a situation or subject
49. re\_\_\_\_le hope
- v.* to revive or renew something that was previously lost or forgotten, often a relationship or feeling
50. th\_\_\_\_us function
- n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing

ANSWERS: 43. claw, 44. vex, 45. depress, 46. stigma, 47. amygdala, 48. insightful, 49. rekindle, 50. thalamus

51. am\_\_\_\_la damage *n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
52. k\_\_b closure *n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet
53. an\_\_\_\_ia treatment *n.* a serious eating disorder characterized by an intense fear of gaining weight or becoming overweight, along with a persistent refusal to eat an adequate amount of food resulting in significant weight loss, malnutrition, and a wide range of physical and psychological consequences
54. psy\_\_\_\_ic art *adj.* relating to or characterized by the use of drugs or the effects that produce altered perceptions, heightened awareness, and vivid imagery; describing art, music, or fashion characterized by bright colors, bold patterns, and unconventional designs
55. re\_\_\_\_ct with family *v.* to connect again after a break or interruption
56. evening pr\_\_\_\_de *n.* a stroll or walk, often taken in a public place or park; a public place for walking or strolling, often filled with shops or vendors; a dance movement in which the partners move around the floor in a circle or similar pattern

ANSWERS: 51. amygdala, 52. knob, 53. anorexia, 54. psychedelic, 55. reconnect, 56. promenade

57. op\_\_\_d receptor *n.* substances that have an effect similar to opium, such as morphine, used in medicines to treat severe pain, but some people take them illegally for pleasure and become addicted
58. at a pur\_\_\_\_\_ul pace *adj.* having a specific aim or purpose; determined
59. gy\_\_s function *n.* a convolution of the surface of the brain
60. posterior in\_\_\_a *n.* a small island, particularly one situated off the coast of a larger landmass; (of anatomy) a region of the brain that plays a role in processing emotions and integrating sensory information
61. no\_\_\_\_\_ia trip *n.* a sentimental longing or wistful affection for a period in the past
62. an in\_\_\_\_\_r country *adj.* relating to, characteristic of, or situated on an island, especially an isolated one; interested only in your own country, group, ideas, etc., and not in those from outside
63. di\_\_\_\_\_te impact *adj.* very different or distinct from something else and is not connected or comparable in any way
64. pa\_\_\_\_\_al cortex *adj.* relating to or situated near the wall of a body cavity; of, relating to, or involving the walls or outer surfaces of an organ or structure
65. a sk\_\_\_\_\_al attitude *adj.* doubting that something is accurate or useful

ANSWERS: 57. opioid, 58. purposeful, 59. gyrus, 60. insula, 61. nostalgia, 62. insular, 63. disparate, 64. parietal, 65. skeptical

66. im\_\_\_\_\_ce of war *n.* the state of being about to happen soon; the quality of being impending or imminent
67. sa\_\_\_\_\_e a sunken ship *n.* the act of saving or rescuing something from potential loss or destruction; the property or items that are saved or rescued in this way; (verb) to save, recover, or rescue something from a dangerous, damaged, or deteriorating situation
68. pe\_\_\_\_\_ve language *adj.* spreading or existing throughout every part of a thing or place
69. ventral ci\_\_\_\_\_te cortex *n.* a part of the brain situated in the medial aspect of the cerebral cortex that is an integral part of the limbic system, which is involved with emotion formation and processing, learning, and memory
70. mo\_\_h into something entirely different *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
71. the tou\_\_\_\_\_ne of truth *n.* a standard or criterion by which something is judged or evaluated; a fine-grained dark stone, such as jasper or basalt, used to test the purity of gold or silver in alloys by observing how much the color changes when rubbed against it
72. int\_\_\_\_\_te an enemy soldier *v.* to examine someone with questions over a lengthy period, especially in an aggressive manner

ANSWERS: 66. imminence, 67. salvage, 68. pervasive, 69. cingulate, 70. morph, 71. touchstone, 72. interrogate

73. a det\_\_\_\_\_nt of crop yields      *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
74. ou\_\_\_\_\_e impact      *adj.* larger or more extensive than what is considered average or normal; of an unusually large size or amount
75. pa\_\_\_\_\_a solution      *n.* a remedy or solution that is believed to be a cure for all illnesses or problems; something that is seen as a universal cure-all
76. st\_\_e off a conspiracy      *n.* a long, narrow piece of wood or similar material, often used as a structural element in construction or to make barrels, musical instruments, furniture, or other objects; (verb) to fend off, ward off or prevent something from happening
77. in\_\_\_\_\_r prejudices      *adj.* relating to, characteristic of, or situated on an island, especially an isolated one; interested only in your own country, group, ideas, etc., and not in those from outside
78. in\_\_\_t food      *v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge
79. cerebral gy\_\_s      *n.* a convolution of the surface of the brain
80. a theoretical concept in  
neu\_\_\_\_\_nce      *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

ANSWERS: 73. determinant, 74. outside, 75. panacea, 76. stave, 77. insular, 78. ingest, 79. gyrus, 80. neuroscience



81. au\_\_\_\_ry system *adj.* of or relating to hearing or the ability to hear
82. in\_\_\_\_t medication *v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge
83. im\_\_\_\_e the cloth in the dye *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
84. in\_\_\_\_a region *n.* a small island, particularly one situated off the coast of a larger landmass; (of anatomy) a region of the brain that plays a role in processing emotions and integrating sensory information
85. pur\_\_\_\_ul series of actions *adj.* having a specific aim or purpose; determined
86. a good au\_\_\_\_ry memory *adj.* of or relating to hearing or the ability to hear
87. barrel st\_\_e *n.* a long, narrow piece of wood or similar material, often used as a structural element in construction or to make barrels, musical instruments, furniture, or other objects; (verb) to fend off, ward off or prevent something from happening
88. int\_\_\_\_le pain *adj.* difficult to manage or control; stubborn or obstinate
89. show dis\_\_\_\_st *n.* lack of interest, concern, or involvement in a particular matter; impartiality or neutrality

ANSWERS: 81. auditory, 82. ingest, 83. immerse, 84. insula, 85. purposeful, 86. auditory, 87. stave, 88. intractable, 89. disinterest

90. public di\_\_\_\_\_t *n.* a strong feeling of dislike or disapproval
91. psi\_\_\_\_\_in microdosing *n.* a naturally occurring psychedelic compound found in more than 200 species of mushrooms, which produces various perceptual, cognitive, and emotional effects when ingested
92. vi\_\_\_\_\_al fear *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
93. pa\_\_\_\_\_al bone *adj.* relating to or situated near the wall of a body cavity; of, relating to, or involving the walls or outer surfaces of an organ or structure
94. pre\_\_\_\_\_al region *adj.* in or about the foremost part of the frontal lobe of the brain
95. chocolate me\_\_\_\_\_ue pie *n.* a sweet, whipped dessert topping made from egg whites and sugar, usually baked or cooked and used to top pies, cakes, or pastries
96. sup\_\_\_\_\_ge the battery *v.* to increase the power or energy of something
97. re\_\_\_\_\_le love *v.* to revive or renew something that was previously lost or forgotten, often a relationship or feeling
98. an op\_\_\_\_d analgesic *n.* substances that have an effect similar to opium, such as morphine, used in medicines to treat severe pain, but some people take them illegally for pleasure and become addicted

ANSWERS: 90. disgust, 91. psilocybin, 92. visceral, 93. parietal, 94. prefrontal, 95. meringue, 96. supercharge, 97. rekindle, 98. opioid

99. sa\_\_a music *n.* a type of spicy sauce or condiment made from tomatoes, onions, chili peppers, and other ingredients, commonly used in Latin American and Mexican cuisine, as well as a lively social dance style with origins in those same regions
100. aut\_\_\_\_\_cal memory *adj.* relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative
101. oc\_\_\_\_\_t muscles *n.* the back part of the head or skull
102. bit\_\_\_\_\_et ending *adj.* having a mixture of both positive and negative emotions or experiences; simultaneously pleasant and painful
103. de\_\_\_\_\_s their spirits *v.* to make someone feel sad, low in spirits, or without hope; to make markets, businesses, etc., less active
104. mo\_\_h into a different shape *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
105. sk\_\_\_\_\_al scientists *adj.* doubting that something is accurate or useful
106. a casting m\_\_d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 99. salsa, 100. autobiographical, 101. occiput, 102. bittersweet, 103. depress, 104. morph, 105. skeptical, 106. mold

107. a lon\_\_\_\_\_ing friendship *adj.* existing or continuing for a long time
108. a bit\_\_\_\_\_et memory *adj.* having a mixture of both positive and negative emotions or experiences; simultaneously pleasant and painful
109. social st\_\_\_\_a *n.* a mark of shame or disgrace associated with a particular circumstance, quality, or person
110. ou\_\_\_\_\_e equipment *adj.* larger or more extensive than what is considered average or normal; of an unusually large size or amount
111. no pa\_\_\_\_\_a for economic woes *n.* a remedy or solution that is believed to be a cure for all illnesses or problems; something that is seen as a universal cure-all
112. a sense of wel\_\_\_\_\_ng *n.* the state of being happy and healthy and prosperous
113. handy k\_\_b *n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet
114. show di\_\_\_\_\_t at his actions *n.* a strong feeling of dislike or disapproval
115. im\_\_\_\_\_ce of danger *n.* the state of being about to happen soon; the quality of being impending or imminent
116. sup\_\_\_\_\_ge economic growth *v.* to increase the power or energy of something
117. dis\_\_\_\_\_st in politics *n.* lack of interest, concern, or involvement in a particular matter; impartiality or neutrality

ANSWERS: 107. long-lasting, 108. bittersweet, 109. stigma, 110. outsize, 111. panacea, 112. well-being, 113. knob, 114. disgust, 115. imminence, 116. supercharge, 117. disinterest

118. psy\_\_\_\_\_ic therapy

*adj.* relating to or characterized by the use of drugs or the effects that produce altered perceptions, heightened awareness, and vivid imagery; describing art, music, or fashion characterized by bright colors, bold patterns, and unconventional designs

ANSWERS: 118. psychedelic

## Session 3: Fill in the Blanks

1. She blamed his \_\_\_\_\_ attitudes toward foreigners.

*adj.* relating to, characteristic of, or situated on an island, especially an isolated one; interested only in your own country, group, ideas, etc., and not in those from outside

2. The use of \_\_\_\_\_ in religious ceremonies has been documented in various cultures throughout history.

*n.* a naturally occurring psychedelic compound found in more than 200 species of mushrooms, which produces various perceptual, cognitive, and emotional effects when ingested

3. This movie is likely to \_\_\_\_\_ strong emotions in the viewer.

*v.* to bring or recall a feeling, memory, or image into your mind

4. The \_\_\_\_\_ on the lemon pie was perfectly fluffy and sweet.

*n.* a sweet, whipped dessert topping made from egg whites and sugar, usually baked or cooked and used to top pies, cakes, or pastries

5. The boardwalk by the beach was a beautiful \_\_\_\_\_ for tourists and locals alike.

*n.* a stroll or walk, often taken in a public place or park; a public place for walking or strolling, often filled with shops or vendors; a dance movement in which the partners move around the floor in a circle or similar pattern

6. Many people believe that exercise is the \_\_\_\_\_ for all health problems.

*n.* a remedy or solution that is believed to be a cure for all illnesses or problems; something that is seen as a universal cure-all

ANSWERS: 1. insular, 2. psilocybin, 3. evoke, 4. meringue, 5. promenade, 6. panacea

7. The \_\_\_\_\_ lobe of the brain is responsible for processing sensory information.

*adj.* relating to or situated near the wall of a body cavity; of, relating to, or involving the walls or outer surfaces of an organ or structure

8. People who compulsively \_\_\_\_\_ non-food items, such as dirt or chalk, suffer from a condition called pica.

*v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge

9. The \_\_\_\_\_ yard was full of old cars waiting to be scrapped.

*n.* the act of saving or rescuing something from potential loss or destruction; the property or items that are saved or rescued in this way; (verb) to save, recover, or rescue something from a dangerous, damaged, or deteriorating situation

10. His religious and philosophical beliefs were utterly \_\_\_\_\_.

*adj.* doubting that something is accurate or useful

11. Suspicion and worry were \_\_\_\_\_ in our minds.

*adj.* spreading or existing throughout every part of a thing or place

12. The MRI showed activity in the \_\_\_\_\_ region of the patient's brain.

*adj.* relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain

13. The \_\_\_\_\_ has been associated with memories of past emotional events.

*n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell

ANSWERS: 7. parietal, 8. ingest, 9. salvage, 10. skeptical, 11. pervasive, 12. cortical, 13. amygdala

14. The lawyer spent considerable time to adequately \_\_\_\_\_ the witness.  
*v.* to examine someone with questions over a lengthy period, especially in an aggressive manner
15. The \_\_\_\_\_ of the storm led the residents to take shelter.  
*n.* the state of being about to happen soon; the quality of being impending or imminent
16. The organization worked to bring together \_\_\_\_\_ groups in the community.  
*adj.* very different or distinct from something else and is not connected or comparable in any way
17. The girl \_\_\_\_\_ a garland for her friend.  
*v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
18. We are responsible for the care and \_\_\_\_\_ of all our employees.  
*n.* the state of being happy and healthy and prosperous
19. The professor focused on the research of infant \_\_\_\_\_.  
*n.* the psychological process of perception and learning and reasoning; the mental action or process by which knowledge and understanding are developed in the mind
20. The couple tried to \_\_\_\_\_ their relationship by spending more time together.  
*v.* to revive or renew something that was previously lost or forgotten, often a relationship or feeling
21. The judge's \_\_\_\_\_ in the case allowed for an impartial decision.  
*n.* lack of interest, concern, or involvement in a particular matter; impartiality or neutrality

ANSWERS: 14. interrogate, 15. imminence, 16. disparate, 17. weaves, 18. well-being, 19. cognition, 20. rekindle, 21. disinterest



22. The economic recession \_\_\_\_\_ the housing market.
- v.* to make someone feel sad, low in spirits, or without hope; to make markets, businesses, etc., less active
23. The mental health \_\_\_\_\_ often prevents people from seeking treatment.
- n.* a mark of shame or disgrace associated with a particular circumstance, quality, or person
24. After a long period of estrangement, they \_\_\_\_\_ with each other.
- v.* to connect again after a break or interruption
25. Researchers found marked differences in the anterior \_\_\_\_\_ of the brain between species.
- n.* a part of the brain situated in the medial aspect of the cerebral cortex that is an integral part of the limbic system, which is involved with emotion formation and processing, learning, and memory
26. She had a \_\_\_\_\_ look and was determined to complete the task.
- adj.* having a specific aim or purpose; determined
27. They finally decided to solve the \_\_\_\_\_ problem.
- adj.* existing or continuing for a long time
28. Damage to the \_\_\_\_\_ can lead to sensory processing disorders and disruptions in perception.
- n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing
29. Treatment for \_\_\_\_\_ dependence may be a long-term process.
- n.* substances that have an effect similar to opium, such as morphine, used in medicines to treat severe pain, but some people take them illegally for pleasure and become addicted

ANSWERS: 22. depressed, 23. stigma, 24. reconnected, 25. cingulate, 26. purposeful, 27. long-lasting, 28. thalamus, 29. opioid

30. The graduation ceremony was \_\_\_\_\_ as the students said goodbye to their classmates and teachers.  
*adj.* having a mixture of both positive and negative emotions or experiences; simultaneously pleasant and painful
31. The author wrote an \_\_\_\_\_ novel about growing up in a small town.  
*adj.* relating to or based on the experiences, thoughts, or life story of oneself; about one's own life history or personal narrative
32. Research shows that damage to the \_\_\_\_\_ cortex leads to increased aggression.  
*adj.* in or about the foremost part of the frontal lobe of the brain
33. The brain's \_\_\_\_\_ regulates emotions, empathy, and self-awareness.  
*n.* a small island, particularly one situated off the coast of a larger landmass; (of anatomy) a region of the brain that plays a role in processing emotions and integrating sensory information
34. They \_\_\_\_\_ the engine to get more power.  
*v.* to increase the power or energy of something
35. The inferior temporal \_\_\_\_\_ is involved in object recognition.  
*n.* a convolution of the surface of the brain
36. After watching the horror movie, she had a \_\_\_\_\_ reaction and couldn't sleep all night.  
*adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

ANSWERS: 30. bittersweet, 31. autobiographical, 32. prefrontal, 33. insula, 34. supercharged, 35. gyrus, 36. visceral

37. The musician's \_\_\_\_\_ stage presence made her concerts an unforgettable experience.
- adj.* larger or more extensive than what is considered average or normal; of an unusually large size or amount
38. The \_\_\_\_\_ risotto was delicious, but I couldn't identify all the mushrooms in it.
- n.* a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
39. The loud noise from the construction site was starting to \_\_\_\_ the nearby residents.
- v.* to irritate or annoy with petty frustrations; to cause distress or agitation
40. They used iron \_\_\_\_\_ to hit the ships and prevent them from approaching the harbor.
- n.* a long, narrow piece of wood or similar material, often used as a structural element in construction or to make barrels, musical instruments, furniture, or other objects; (verb) to fend off, ward off or prevent something from happening
41. We brought chips and \_\_\_\_\_ to the party as a tasty appetizer.
- n.* a type of spicy sauce or condiment made from tomatoes, onions, chili peppers, and other ingredients, commonly used in Latin American and Mexican cuisine, as well as a lively social dance style with origins in those same regions
42. The bear used its \_\_\_\_\_ to catch a fish in the river.
- n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

ANSWERS: 37. outsize, 38. mushroom, 39. vex, 40. staves, 41. salsa, 42. claw

43. Mushrooms and \_\_\_\_\_ are fungi.

- n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

44. The \_\_\_\_\_ on the drawer was loose and needed to be tightened.

- n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet

45. The Beatles' \_\_\_\_\_ music was a hallmark of the 1960s counterculture movement.

- adj.* relating to or characterized by the use of drugs or the effects that produce altered perceptions, heightened awareness, and vivid imagery; describing art, music, or fashion characterized by bright colors, bold patterns, and unconventional designs

46. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.

- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

47. The massage therapist focused on the client's \_\_\_\_\_ region to relieve tension in the neck.

- n.* the back part of the head or skull

48. This company \_\_\_\_\_ into an enterprise company.

- v.* to change or cause to change something or someone smoothly and gradually from one thing to another

ANSWERS: 43. mold, 44. knob, 45. psychedelic, 46. determinant, 47. occiput, 48. morphed

49. The \_\_\_\_\_ problem defied a solution.

*adj.* difficult to manage or control; stubborn or obstinate

50. The field of \_\_\_\_\_ is constantly evolving, with new treatments and approaches being developed all the time.

*n.* the branch of medicine concerned with the study, treatment, and prevention of mental illness

51. The \_\_\_\_\_ side of the knee is prone to injury in certain sports like soccer and basketball.

*adj.* referencing or situated in the middle of something; pertaining to or located near the axis of the body

52. The ice cream truck's sound brought back \_\_\_\_\_ for my childhood.

*n.* a sentimental longing or wistful affection for a period in the past

53. The \_\_\_\_\_ for our company's success has always been our commitment to customer satisfaction.

*n.* a standard or criterion by which something is judged or evaluated; a fine-grained dark stone, such as jasper or basalt, used to test the purity of gold or silver in alloys by observing how much the color changes when rubbed against it

54. He was filled with \_\_\_\_\_ and fear for the threat of war.

*n.* a strong feeling of dislike or disapproval

55. He \_\_\_\_\_ himself in his research.

*v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

ANSWERS: 49. intractable, 50. psychiatry, 51. medial, 52. nostalgia, 53. touchstone, 54. disgust, 55. immersed

56. The \_\_\_\_\_ nerve carries sound signals from the ear to the brain.

*adj.* of or relating to hearing or the ability to hear

57. Many people suffer from \_\_\_\_\_ nervosa and require professional treatment to recover.

*n.* a serious eating disorder characterized by an intense fear of gaining weight or becoming overweight, along with a persistent refusal to eat an adequate amount of food resulting in significant weight loss, malnutrition, and a wide range of physical and psychological consequences

58. Our university is famous for its professors, who are well-versed in behavioral \_\_\_\_\_.

*n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

59. His \_\_\_\_\_ comments added a new perspective to the discussion.

*adj.* having or showing a deep understanding and perception of a situation or subject

ANSWERS: 56. auditory, 57. anorexia, 58. neuroscience, 59. insightful