

# Englist.me



## Vocabulary Builder Reference from...

*Rachel Wurzman: How isolation fuels opioid addiction*

| TED Talk

[https://www.ted.com/talks/rachel\\_wurzman\\_how\\_isolation\\_fuels\\_opioid\\_addiction](https://www.ted.com/talks/rachel_wurzman_how_isolation_fuels_opioid_addiction)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### neurological

*adj.* of or relating to the science of neurology or the nervous system

*synonym*: nervous, neural, brain-related

(1) fever with **neurological** signs, (2) **neurological** symptoms

The patient was diagnosed with a **neurological** disorder affecting their motor skills.

### stereotype

*n.* a fixed and unvarying idea or image that people have about what someone or something is like, but which is often not true in reality and may cause hurt and offense

(1) avoid **stereotype**, (2) negative **stereotypes**

Changing **stereotypes** about LGBTQ requires considerable effort.

### tic

*n.* a sudden, involuntary muscular contraction or movement, often repetitive in nature; a habitual and often unconscious behavior or mannerism

*synonym*: twitch, spasm, jerk

(1) developmental **tic**, (2) facial **tic**

My nervous **tic** makes it hard for me to concentrate during important events.

## involuntary

*adj.* acting or done without or against one's will

*synonym* : coerced, forced, automatic

(1) **involuntary** manslaughter, (2) **involuntary** muscles

The drug's side effects can include **involuntary** loss of urine.

## premonition

*n.* a strong feeling or sense that something is about to happen, often foreboding or unpleasant; a warning or indication of a future event or circumstance

*synonym* : forewarning, prognostication, presentiment

(1) **premonition** of a bad outcome, (2) **premonition** of success

His **premonition** of an impending disaster saved his family from a serious accident.

## phantom

*n.* a ghost or a spirit of a dead person; something existing only in your imagination or perception

*synonym* : ghost, spirit, apparition

(1) a **phantom** company, (2) **phantom** limb pain

The police frantically searched for clues to the **phantom** killer.

## eyelid

*n.* a thin fold of skin that covers and protects the human eye, which helps to keep the eye moist by spreading tears over the surface and prevents foreign objects from entering the eye

*synonym* : lid, palpebra, shield

(1) **eyelid** twitch, (2) drooping **eyelid**

Bright light can cause me to squint and strain my eyes, resulting in twitchy **eyelids**.

## tingle

*v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement

*synonym* : feel tickled, itch, prickle

(1) **tingle** up my spine, (2) **tingle** with anticipation

My nerves began to **tingle** before the show started.

## rewire

*v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns

*synonym* : rewire, renovate, upgrade

(1) **rewire** a house, (2) **rewire** a program

I need to **rewire** the faulty electrical system in my house to prevent a fire.

## fascinate

*v.* to attract and hold the attention of someone deeply and irresistibly

*synonym* : captivate, intrigue, mesmerize

(1) **fascinate** the public, (2) **fascinate** the young

The magic tricks **fascinated** the children.

## impulsive

*adj.* acting suddenly without any planning and without considering the effects they may have

*synonym* : abrupt, hasty, capricious

(1) an **impulsive** force, (2) do **impulsive** buying

He regrets the **impulsive** behavior he took in his drunken state.

## compulsive

*adj.* relating to or involving an irresistible urge to do something repeatedly or excessively, often in a way that is harmful or detrimental to one's well-being or relationships

*synonym* : compelling, obsessive, uncontrollable

(1) **compulsive** gambling, (2) **compulsive** behavior

He had a **compulsive** need to check the stove was turned off every time he left the house.

## 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.

## painkiller

*n.* medicine used to relieve physical pain

*synonym* : anesthetic, anodyne, analgesic

(1) a strong **painkiller**, (2) take a **painkiller** beforehand  
Over-the-counter **painkillers** are less effective for patients who have taken many in the past.

## stimming

*n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

*synonym* : self-stimulation, repetitive behaviors

(1) autistic **stimming**, (2) **stimming** therapy  
Autistic children may engage in **stimming** behaviors, such as rocking or hand flapping, to self-regulate.

## neurobiology

*n.* a field of biology that studies the structure, function, and development of the nervous system, including the brain, spinal cord, and peripheral nerves encompassing a wide range of research topics, including the molecular and cellular processes involved in neural signaling, the organization of neural circuits, and the neural basis of behavior, cognition, and emotion

*synonym* : brain science, neural science, neurology

(1) **neurobiology** research, (2) cellular **neurobiology**

The professor's research in **neurobiology** has led to groundbreaking discoveries in the field of brain science.

## autopilot

*n.* a system that automatically controls the operation of an aircraft or spacecraft

*synonym* : self-pilot, self-driving, self-navigating

(1) **autopilot** function, (2) aircraft **autopilot**

The airplane was on **autopilot** during the long flight.

## striatum

*n.* a striped mass of white and grey matter located in the brain which controls movement and balance of the body

(1) rat's **striatum**, (2) corpus **striatum**

The **striatum** is the most significant component of the basal

ganglia.

## 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**.

## orchestrate

*v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music

*synonym*: plan, coordinate, arrange

(1) **orchestrate** a takeover, (2) **orchestrate** the political reinstatement

He carefully **orchestrated** the details of his business plan.

## coerce

*v.* to force, pressure, or compel someone to do something against their will or better judgment; to use threatening or intimidating tactics to persuade someone to comply with one's demands

*synonym*: force, compel, pressure

(1) **coerce** him to follow an order, (2) **coerce** obedience

The boss tried to **coerce** the employees into working overtime by threatening to fire them.

## consciously

*adv.* with awareness; in a deliberate manner

*synonym*: intentionally, deliberately, knowingly

(1) **consciously** aware of a problem, (2) act **consciously**

He **consciously** criticizes her in the publicity.

## excite

*v.* to make someone feel suddenly enthusiastic or eager

*synonym*: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

## aversion

*n.* a strong dislike or reluctance towards something or someone; a feeling of extreme distaste or aversion towards something or someone unpleasant

*synonym* : dislike, loathing, repulsion

(1) **aversion** therapy, (2) strong **aversion**

Her **aversion** to snakes made her avoid the reptile exhibit at the zoo.

## delve

*v.* to dig or excavate deeply; to investigate or research intensively; to rummage or explore in a thorough or careful manner

*synonym* : dig, excavate, uncover

(1) **delve** deeper, (2) **delve** into documents

Researchers must **delve** into the intricacies of the human brain to understand mental illness.

## anomaly

*n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand

*synonym* : abnormality, irregularity, deviation

(1) **anomaly** detection, (2) global temperature **anomaly**

The sudden drop in the stock market was an **anomaly** that puzzled many investors.

## neurochemical

*adj.* of or relating to chemical processes occurring in neural activity or chemical substance that participates in neural activity

(1) **neurochemical** substances, (2) **neurochemical** mechanism

Our study focuses on **neurochemical** changes in the brain.

## oxytocin

*n.* a hormone secreted by the pituitary which stimulates contractions of the uterus during labor (= the process of pushing out a baby) and the ejection of milk

(1) **oxytocin-degrading** enzyme, (2) **oxytocin** receptor

Women may increase **oxytocin** production through romantic love.

## cuddle

*v.* to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something

*synonym*: embrace, snuggle, hug

(1) **cuddle** buddy, (2) **cuddle** up with a book

I love to **cuddle** with my dog on the couch after a long day.

## naloxone

*n.* a medication used to reverse the effects of opioids (= morphine or a drug that resembles morphine), commonly used to counter decreased breathing in opioid overdose

(1) **naloxone** injection, (2) the unit dosage amount of **naloxone**

Treatment for an overdose of opioids includes the administration of **naloxone**.

## converge

*v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet

*synonym*: congregate, assemble, concentrate

(1) **converge** of a series, (2) **converge** from different points

The two rivers **converge** into one near this area.

## predispose

*v.* to make someone susceptible

*synonym*: dispose, incline

(1) **predispose** to the development of cancer,

(2) **predispose** me to become a novelist

Her outstanding achievement **predisposes** people to like her.

## hypersensitive

*adj.* easily or overly affected emotionally, physically, or mentally by stimuli or situations that are not normally considered stressful or upsetting

*synonym*: over-sensitive, touchy, fragile

(1) **hypersensitive** reaction, (2) **hypersensitive** nerve endings

She became **hypersensitive** to criticism after being bullied in school.

## neurotransmitter

*n.* a chemical that carries nerve impulses between neurons or between neurons and muscles

(1) **neurotransmitter** receptor, (2) **neurotransmitters** released from the brain

Endorphins are a type of **neurotransmitter** that gives a sense of well-being.

## dissatisfy

*v.* to fail to satisfy someone

*synonym*: disappoint, disgruntle, dishearten

(1) **dissatisfy** the users with bugs, (2) **dissatisfy** people with service

The company's results **dissatisfy** everyone.

## restless

*adj.* unwilling or unable to stay still or relax because you are worried and uneasy

*synonym*: agitated, anxious, disturbed

(1) a **restless** person, (2) **restless** waves

He felt **restless** and constantly changed his postures.

## irritable

*adj.* easily or frequently agitated, annoyed, or angered; prone to becoming tense or angry in response to minor stimuli or events

*synonym*: cranky, grumpy, touchy

(1) **irritable** bowel syndrome, (2) **irritable** mood

Lack of sleep can make me **irritable** and easily annoyed.

## ravenous

*adj.* extremely hungry or famished; greedy or voracious in appetite or desire

*synonym*: hungry, famished, voracious

(1) **ravenous** hunger, (2) **ravenous** wolf

After running a marathon, I felt **ravenous** and ate an entire pizza.

## rebalance

*v.* to adjust or distribute something proportionally to restore balance; to make changes to bring a situation back into equilibrium or stability

*synonym*: adjust, realign, readjust



(1) **rebalance** the budget, (2) **rebalance** team roles  
I need to **rebalance** my investment portfolio to reduce risk.

## addict

*n.* a person who cannot stop using or doing something as a habit, especially something harmful

*synonym*: devotee, buff, freak

(1) a drug **addict**, (2) Internet **addict**

We have become TV **addicts** due to video streaming services.

## relapse

*n.* the fact of becoming ill or starting to misbehave again after making an improvement

*synonym*: degeneration, deterioration, retrogression

(1) biochemical **relapse**, (2) **relapse** prevention

He had a **relapse** because he was working through the night.

## transcendent

*adj.* going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime

*synonym*: beyond human experience, divine, spiritual

(1) **transcendent** wisdom, (2) **transcendent** joy

The **transcendent** beauty of the Grand Canyon took his breath away.

## transcend

*v.* to rise above or go beyond the limits of something

*synonym*: surpass, exceed, overcome

(1) **transcend** boundaries, (2) **transcend** limits

The music **transcended** cultural barriers and reached audiences globally.

## disintegration

*n.* the process of something breaking down or falling apart physically or metaphorically; the state of being weakened or destroyed

*synonym*: decay, collapse, decomposition

(1) **disintegration** process, (2) cultural **disintegration**

The **disintegration** of the old bridge was a warning sign of its

impending collapse.

## desolate

*adj.* deserted, barren, or lonely; causing a feeling of sadness or hopelessness

*synonym*: barren, stark, uninhabited

(1) a **desolate** scene, (2) **desolate** moon

The deserted island was **desolate** and uninhabited.

## ravage

*v.* to cause damage to something badly

*synonym*: devastate, ruin, destroy

(1) **ravage** a country, (2) **ravage** the brain

A large fire **ravaged** the forest.

## despondent

*adj.* in low spirits; feeling or showing extreme discouragement or gloom

*synonym*: hopeless, despairing, discouraged

(1) feel **despondent**, (2) a **despondent** mood

After her dog passed away, she was **despondent** for weeks, unable to find joy.

## fentanyl

*n.* a potent synthetic opioid pain medication often used to treat severe or chronic pain, which is highly addictive and can be very dangerous or lethal in high doses

*synonym*: opiate, narcotic, painkiller

(1) **fentanyl** patch, (2) **fentanyl** overdose

The abuse of **fentanyl** has reached epidemic proportions in some parts of the country.

## rev

*n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

*synonym*: revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

## hopeless

*adj.* having no hope; despairing; having no chance of success

*synonym*: despairing, helpless, futile

(1) **hopeless** situation, (2) **hopeless** at everything

After months of job searching, he felt **hopeless** and unsure of his future.

## reprogram

*v.* to modify or recreate a program

*synonym*: recreate, modify, revamp

(1) **reprogram** a device, (2) **reprogram** a database

He **reprogrammed** the computer's operating system to remove the safeguard.

## neuroplasticity

*n.* the ability of the brain to change and reorganize itself in response to new experiences, learning, or injury, by creating new neural connections and pathways

*synonym*: brain plasticity, neural remodeling, synaptic plasticity

(1) **neuroplasticity** therapy, (2) experience-dependent **neuroplasticity**

Researchers are currently studying the potential of **neuroplasticity** to treat conditions such as depression and anxiety.

## neuron

*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

*synonym*: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

## offline

*adj.* not connected to the internet

*synonym*: disconnected, not connected, unplugged

(1) **offline** course, (2) **offline** mode

The computer is **offline** and cannot be accessed at the moment.

## convergent

*adj.* tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge

*synonym* : merging, meeting

(1) **convergent** beam, (2) **convergent** thinking

The similarities between the two cultures suggest **convergent** evolution.

## craving

*n.* a strong desire of wanting something

*synonym* : desire, appetite, longing

(1) **craving** for revenge, (2) curb our **cravings**

I have a **craving** for nicotine.

## neurotechnology

*n.* technology or advancements in the field of neuroscience, often related to the study or manipulation of the brain or nervous system

*synonym* : brain-machine interfaces, neural implants, neuroprosthetics

(1) **neurotechnology** startup, (2) advanced **neurotechnology**

Research in **neurotechnology** is leading to groundbreaking advancements in brain-computer interfaces.

## parkour

*n.* a physical discipline in which practitioners navigate obstacle courses, often in urban environments, using acrobatic movements to overcome obstacles with speed and efficiency

*synonym* : free running, urban acrobatics, obstacle course

(1) **parkour** training, (2) urban **parkour**

The opening scene of the movie features a thrilling **parkour** chase scene.

## superficial

*adj.* existing or occurring only at or on the surface; appearing to be true or real only until examined more closely

*synonym* : shallow, facile, cursory

(1) **superficial** wound, (2) **superficial** knowledge

The journalist's **superficial** reporting should have captured the full scope of the issue.

## 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.

## reestablish

*v.* to establish again or anew; to restore something that was lost or disrupted, often relating to an organization, relationship, or system

*synonym*: restore, reconstitute, rehabilitate

(1) **reestablish** ties, (2) **reestablish** trust

We need to **reestablish** our relationship after our argument.

## neuropsychiatric

*adj.* relating to mental disorders that have a neurological or physiological basis or to the study of the interplay between neurological and psychiatric phenomena

*synonym*: neurobehavioral, neuropsychological, psychiatric

(1) **neuropsychiatric** disorder, (2) **neuropsychiatric** evaluation

Researchers are studying the **neuropsychiatric** effects of certain medications on the brain.

## caregiving

*n.* the act of providing care and support for someone who is ill, disabled, or elderly

*synonym*: nurturing, caring, assisting

(1) **caregiving** process, (2) **caregiving** responsibilities

She devoted her life to **caregiving**, looking after her aging parents.

## Session 2: Spelling

1. pa\_\_\_\_r training  
*n.* a physical discipline in which practitioners navigate obstacle courses, often in urban environments, using acrobatic movements to overcome obstacles with speed and efficiency
2. ree\_\_\_\_\_sh ties  
*v.* to establish again or anew; to restore something that was lost or disrupted, often relating to an organization, relationship, or system
3. cu\_\_\_\_e up with a book  
*v.* to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something
4. do im\_\_\_\_\_ve buying  
*adj.* acting suddenly without any planning and without considering the effects they may have
5. re\_\_\_\_e prevention  
*n.* the fact of becoming ill or starting to misbehave again after making an improvement
6. de\_\_\_\_te moon  
*adj.* deserted, barren, or lonely; causing a feeling of sadness or hopelessness
7. a strong pai\_\_\_\_\_er  
*n.* medicine used to relieve physical pain
8. experience-dependent  
neu\_\_\_\_\_ity  
*n.* the ability of the brain to change and reorganize itself in response to new experiences, learning, or injury, by creating new neural connections and pathways

ANSWERS: 1. parkour, 2. reestablish, 3. cuddle, 4. impulsive, 5. relapse, 6. desolate, 7. painkiller, 8. neuroplasticity

9. take a pai\_\_\_\_\_er beforehand *n.* medicine used to relieve physical pain
10. ex\_\_\_e the crowd *v.* to make someone feel suddenly enthusiastic or eager
11. neu\_\_\_\_\_ogy research *n.* a field of biology that studies the structure, function, and development of the nervous system, including the brain, spinal cord, and peripheral nerves encompassing a wide range of research topics, including the molecular and cellular processes involved in neural signaling, the organization of neural circuits, and the neural basis of behavior, cognition, and emotion
12. con\_\_\_\_\_ly aware of a problem *adv.* with awareness; in a deliberate manner
13. ho\_\_\_\_\_ss situation *adj.* having no hope; despairing; having no chance of success
14. co\_\_\_e him to follow an order *v.* to force, pressure, or compel someone to do something against their will or better judgment; to use threatening or intimidating tactics to persuade someone to comply with one's demands
15. na\_\_\_\_\_ne injection *n.* a medication used to reverse the effects of opioids (= morphine or a drug that resembles morphine), commonly used to counter decreased breathing in opioid overdose
16. autistic st\_\_\_\_\_ng *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

ANSWERS: 9. painkiller, 10. excite, 11. neurobiology, 12. consciously, 13. hopeless, 14. coerce, 15. naloxone, 16. stimming

17. car\_\_\_\_\_ng responsibilities *n.* the act of providing care and support for someone who is ill, disabled, or elderly
18. aircraft au\_\_\_\_\_ot *n.* a system that automatically controls the operation of an aircraft or spacecraft
19. cultural dis\_\_\_\_\_ion *n.* the process of something breaking down or falling apart physically or metaphorically; the state of being weakened or destroyed
20. low-r\_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
21. drooping ey\_\_\_d *n.* a thin fold of skin that covers and protects the human eye, which helps to keep the eye moist by spreading tears over the surface and prevents foreign objects from entering the eye
22. tra\_\_\_\_\_ent joy *adj.* going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime
23. ree\_\_\_\_\_sh trust *v.* to establish again or anew; to restore something that was lost or disrupted, often relating to an organization, relationship, or system
24. re\_\_\_\_\_am a device *v.* to modify or recreate a program
25. ex\_\_\_e rebellion *v.* to make someone feel suddenly enthusiastic or eager

ANSWERS: 17. caregiving, 18. autopilot, 19. disintegration, 20. rev, 21. eyelid, 22. transcendent, 23. reestablish, 24. reprogram, 25. excite



26. co\_\_\_\_ge of a series *v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
27. curb our cr\_\_\_\_gs *n.* a strong desire of wanting something
28. dis\_\_\_\_fy people with service *v.* to fail to satisfy someone
29. biochemical re\_\_\_\_e *n.* the fact of becoming ill or starting to misbehave again after making an improvement
30. ir\_\_\_\_le bowel syndrome *adj.* easily or frequently agitated, annoyed, or angered; prone to becoming tense or angry in response to minor stimuli or events
31. st\_\_\_a against obesity *n.* a mark of shame or disgrace associated with a particular circumstance, quality, or person
32. tra\_\_\_\_ent wisdom *adj.* going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime
33. cr\_\_\_\_g for revenge *n.* a strong desire of wanting something
34. developmental t\_c *n.* a sudden, involuntary muscular contraction or movement, often repetitive in nature; a habitual and often unconscious behavior or mannerism
35. co\_\_\_\_ge from different points *v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet
36. sup\_\_\_\_al wound *adj.* existing or occurring only at or on the surface; appearing to be true or real only until examined more closely

ANSWERS: 26. converge, 27. craving, 28. dissatisfy, 29. relapse, 30. irritable, 31. stigma, 32. transcendent, 33. craving, 34. tic, 35. converge, 36. superficial

37. a ph\_\_\_\_\_m company *n.* a ghost or a spirit of a dead person; something existing only in your imagination or perception
38. re\_\_\_\_\_am a database *v.* to modify or recreate a program
39. tr\_\_\_\_\_nd limits *v.* to rise above or go beyond the limits of something
40. neu\_\_\_\_\_cal symptoms *adj.* of or relating to the science of neurology or the nervous system
41. ho\_\_\_\_\_ss at everything *adj.* having no hope; despairing; having no chance of success
42. neu\_\_\_\_\_ter receptor *n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
43. fa\_\_\_\_\_te the young *v.* to attract and hold the attention of someone deeply and irresistibly
44. co\_\_\_e obedience *v.* to force, pressure, or compel someone to do something against their will or better judgment; to use threatening or intimidating tactics to persuade someone to comply with one's demands
45. tr\_\_\_\_\_nd boundaries *v.* to rise above or go beyond the limits of something
46. act con\_\_\_\_\_ly *adv.* with awareness; in a deliberate manner
47. the unit dosage amount of  
na\_\_\_\_\_ne *n.* a medication used to reverse the effects of opioids (= morphine or a drug that resembles morphine), commonly used to counter decreased breathing in opioid overdose

ANSWERS: 37. phantom, 38. reprogram, 39. transcend, 40. neurological, 41. hopeless, 42. neurotransmitter, 43. fascinate, 44. coerce, 45. transcend, 46. consciously, 47. naloxone

48. inv\_\_\_\_\_ry manslaughter *adj.* acting or done without or against one's will
49. hyp\_\_\_\_\_ive reaction *adj.* easily or overly affected emotionally, physically, or mentally by stimuli or situations that are not normally considered stressful or upsetting
50. re\_\_\_\_\_ss waves *adj.* unwilling or unable to stay still or relax because you are worried and uneasy
51. de\_\_e into documents *v.* to dig or excavate deeply; to investigate or research intensively; to rummage or explore in a thorough or careful manner
52. a de\_\_\_\_\_te scene *adj.* deserted, barren, or lonely; causing a feeling of sadness or hopelessness
53. excite the ne\_\_\_\_ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
54. neu\_\_\_\_\_cal substances *adj.* of or relating to chemical processes occurring in neural activity or chemical substance that participates in neural activity
55. Internet ad\_\_\_\_t *n.* a person who cannot stop using or doing something as a habit, especially something harmful
56. fe\_\_\_\_\_yl patch *n.* a potent synthetic opioid pain medication often used to treat severe or chronic pain, which is highly addictive and can be very dangerous or lethal in high doses

ANSWERS: 48. involuntary, 49. hypersensitive, 50. restless, 51. delve, 52. desolate, 53. neuron, 54. neurochemical, 55. addict, 56. fentanyl

57. ra\_\_\_e the brain *v.* to cause damage to something badly
58. 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
59. re\_\_\_e a house *v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns
60. avoid ste\_\_\_\_\_pe *n.* a fixed and unvarying idea or image that people have about what someone or something is like, but which is often not true in reality and may cause hurt and offense
61. au\_\_\_\_\_ot function *n.* a system that automatically controls the operation of an aircraft or spacecraft
62. orc\_\_\_\_\_te a takeover *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
63. corpus st\_\_\_\_\_um *n.* a striped mass of white and grey matter located in the brain which controls movement and balance of the body
64. fever with neu\_\_\_\_\_cal signs *adj.* of or relating to the science of neurology or the nervous system
65. a drug ad\_\_\_t *n.* a person who cannot stop using or doing something as a habit, especially something harmful

ANSWERS: 57. ravage, 58. opioid, 59. rewire, 60. stereotype, 61. autopilot, 62. orchestrate, 63. striatum, 64. neurological, 65. addict

66. dis\_\_\_\_\_fy the users with bugs      *v.* to fail to satisfy someone
67. ir\_\_\_\_\_le mood      *adj.* easily or frequently agitated, annoyed, or angered; prone to becoming tense or angry in response to minor stimuli or events
68. re\_\_\_\_\_ce team roles      *v.* to adjust or distribute something proportionally to restore balance; to make changes to bring a situation back into equilibrium or stability
69. fe\_\_\_\_\_yl overdose      *n.* a potent synthetic opioid pain medication often used to treat severe or chronic pain, which is highly addictive and can be very dangerous or lethal in high doses
70. de\_\_e deeper      *v.* to dig or excavate deeply; to investigate or research intensively; to rummage or explore in a thorough or careful manner
71. strong av\_\_\_\_\_on      *n.* a strong dislike or reluctance towards something or someone; a feeling of extreme distaste or aversion towards something or someone unpleasant
72. advanced neu\_\_\_\_\_ogy      *n.* technology or advancements in the field of neuroscience, often related to the study or manipulation of the brain or nervous system
73. of\_\_\_\_\_e course      *adj.* not connected to the internet
74. neu\_\_\_\_\_ogy startup      *n.* technology or advancements in the field of neuroscience, often related to the study or manipulation of the brain or nervous system

ANSWERS: 66. dissatisfy, 67. irritable, 68. rebalance, 69. fentanyl, 70. delve, 71. aversion, 72. neurotechnology, 73. offline, 74. neurotechnology

75. facial t\_c *n.* a sudden, involuntary muscular contraction or movement, often repetitive in nature; a habitual and often unconscious behavior or mannerism
76. a theoretical concept in neu\_\_\_\_\_nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
77. neu\_\_\_\_\_ters released from the brain *n.* a chemical that carries nerve impulses between neurons or between neurons and muscles
78. av\_\_\_\_\_on therapy *n.* a strong dislike or reluctance towards something or someone; a feeling of extreme distaste or aversion towards something or someone unpleasant
79. hyp\_\_\_\_\_ive nerve endings *adj.* easily or overly affected emotionally, physically, or mentally by stimuli or situations that are not normally considered stressful or upsetting
80. neu\_\_\_\_\_ric disorder *adj.* relating to mental disorders that have a neurological or physiological basis or to the study of the interplay between neurological and psychiatric phenomena
81. cu\_\_\_e buddy *v.* to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something
82. of\_\_\_\_\_e mode *adj.* not connected to the internet
83. pre\_\_\_\_\_on of success *n.* a strong feeling or sense that something is about to happen, often foreboding or unpleasant; a warning or indication of a future event or circumstance

ANSWERS: 75. tic, 76. neuroscience, 77. neurotransmitter, 78. aversion, 79. hypersensitive, 80. neuropsychiatric, 81. cuddle, 82. offline, 83. premonition

84. neu\_\_\_\_\_ric evaluation *adj.* relating to mental disorders that have a neurological or physiological basis or to the study of the interplay between neurological and psychiatric phenomena
85. 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
86. an im\_\_\_\_\_ve force *adj.* acting suddenly without any planning and without considering the effects they may have
87. a re\_\_\_\_\_ss person *adj.* unwilling or unable to stay still or relax because you are worried and uneasy
88. rat's st\_\_\_\_\_um *n.* a striped mass of white and grey matter located in the brain which controls movement and balance of the body
89. orc\_\_\_\_\_te the political reinstatement *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
90. con\_\_\_\_\_nt beam *adj.* tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge
91. ox\_\_\_\_\_in-degrading enzyme *n.* a hormone secreted by the pituitary which stimulates contractions of the uterus during labor (= the process of pushing out a baby) and the ejection of milk

ANSWERS: 84. neuropsychiatric, 85. opioid, 86. impulsive, 87. restless, 88. striatum, 89. orchestrate, 90. convergent, 91. oxytocin

92. ra\_\_\_e a country *v.* to cause damage to something badly
93. r\_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
94. inv\_\_\_\_\_ry muscles *adj.* acting or done without or against one's will
95. fa\_\_\_\_\_te the public *v.* to attract and hold the attention of someone deeply and irresistibly
96. ph\_\_\_\_\_m limb pain *n.* a ghost or a spirit of a dead person; something existing only in your imagination or perception
97. neu\_\_\_\_\_ity therapy *n.* the ability of the brain to change and reorganize itself in response to new experiences, learning, or injury, by creating new neural connections and pathways
98. an\_\_\_\_\_y detection *n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
99. re\_\_\_\_\_ce the budget *v.* to adjust or distribute something proportionally to restore balance; to make changes to bring a situation back into equilibrium or stability
100. ra\_\_\_\_\_us hunger *adj.* extremely hungry or famished; greedy or voracious in appetite or desire
101. urban pa\_\_\_\_\_r *n.* a physical discipline in which practitioners navigate obstacle courses, often in urban environments, using acrobatic movements to overcome obstacles with speed and efficiency

ANSWERS: 92. ravage, 93. rev, 94. involuntary, 95. fascinate, 96. phantom, 97. neuroplasticity, 98. anomaly, 99. rebalance, 100. ravenous, 101. parkour



102. ox\_\_\_\_\_in receptor *n.* a hormone secreted by the pituitary which stimulates contractions of the uterus during labor (= the process of pushing out a baby) and the ejection of milk
103. pre\_\_\_\_\_se to the development of cancer *v.* to make someone susceptible
104. pre\_\_\_\_\_se me to become a novelist *v.* to make someone susceptible
105. ey\_\_\_\_d twitch *n.* a thin fold of skin that covers and protects the human eye, which helps to keep the eye moist by spreading tears over the surface and prevents foreign objects from entering the eye
106. sup\_\_\_\_\_al knowledge *adj.* existing or occurring only at or on the surface; appearing to be true or real only until examined more closely
107. con\_\_\_\_\_nt thinking *adj.* tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge
108. the branch of neu\_\_\_\_\_nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
109. neu\_\_\_\_\_cal mechanism *adj.* of or relating to chemical processes occurring in neural activity or chemical substance that participates in neural activity

ANSWERS: 102. oxytocin, 103. predispose, 104. predispose, 105. eyelid, 106. superficial, 107. convergent, 108. neuroscience, 109. neurochemical

110. car\_\_\_\_\_ng process *n.* the act of providing care and support for someone who is ill, disabled, or elderly
111. cellular neu\_\_\_\_\_ogy *n.* a field of biology that studies the structure, function, and development of the nervous system, including the brain, spinal cord, and peripheral nerves encompassing a wide range of research topics, including the molecular and cellular processes involved in neural signaling, the organization of neural circuits, and the neural basis of behavior, cognition, and emotion
112. social st\_\_\_a *n.* a mark of shame or disgrace associated with a particular circumstance, quality, or person
113. negative ste\_\_\_\_\_pes *n.* a fixed and unvarying idea or image that people have about what someone or something is like, but which is often not true in reality and may cause hurt and offense
114. pre\_\_\_\_\_on of a bad outcome *n.* a strong feeling or sense that something is about to happen, often foreboding or unpleasant; a warning or indication of a future event or circumstance
115. dis\_\_\_\_\_ion process *n.* the process of something breaking down or falling apart physically or metaphorically; the state of being weakened or destroyed
116. ra\_\_\_\_\_us wolf *adj.* extremely hungry or famished; greedy or voracious in appetite or desire

ANSWERS: 110. caregiving, 111. neurobiology, 112. stigma, 113. stereotype, 114. premonition, 115. disintegration, 116. ravenous

117. ne\_\_\_n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
118. com\_\_\_\_\_ve behavior *adj.* relating to or involving an irresistible urge to do something repeatedly or excessively, often in a way that is harmful or detrimental to one's well-being or relationships
119. st\_\_\_\_\_ng therapy *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
120. re\_\_\_e a program *v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns
121. feel des\_\_\_\_\_nt *adj.* in low spirits; feeling or showing extreme discouragement or gloom
122. ti\_\_\_e with anticipation *v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement
123. com\_\_\_\_\_ve gambling *adj.* relating to or involving an irresistible urge to do something repeatedly or excessively, often in a way that is harmful or detrimental to one's well-being or relationships

ANSWERS: 117. neuron, 118. compulsive, 119. stimming, 120. rewire, 121. despondent, 122. tingle, 123. compulsive

124. ti\_\_\_e up my spine

*v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement

125. a des\_\_\_\_\_nt mood

*adj.* in low spirits; feeling or showing extreme discouragement or gloom

126. global temperature an\_\_\_\_\_y

*n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand

ANSWERS: 124. tingle, 125. despondent, 126. anomaly

## Session 3: Fill in the Blanks

1. A large fire \_\_\_\_\_ the forest.
  - v. to cause damage to something badly
  
2. Her outstanding achievement \_\_\_\_\_ people to like her.
  - v. to make someone susceptible
  
3. The opening scene of the movie features a thrilling \_\_\_\_\_ chase scene.
  - n. a physical discipline in which practitioners navigate obstacle courses, often in urban environments, using acrobatic movements to overcome obstacles with speed and efficiency
  
4. I love to \_\_\_\_\_ with my dog on the couch after a long day.
  - v. to hold close and lovingly in one's arms, often for comfort or affection; to snuggle or nestle against someone or something
  
5. The boss tried to \_\_\_\_\_ the employees into working overtime by threatening to fire them.
  - v. to force, pressure, or compel someone to do something against their will or better judgment; to use threatening or intimidating tactics to persuade someone to comply with one's demands
  
6. The professor's research in \_\_\_\_\_ has led to groundbreaking discoveries in the field of brain science.
  - n. a field of biology that studies the structure, function, and development of the nervous system, including the brain, spinal cord, and peripheral nerves encompassing a wide range of research topics, including the molecular and cellular processes involved in neural signaling, the organization of neural circuits, and the neural basis of behavior, cognition, and emotion

ANSWERS: 1. ravaged, 2. predisposes, 3. parkour, 4. cuddle, 5. coerce, 6. neurobiology

7. The company's results \_\_\_\_\_ everyone.  
*v.* to fail to satisfy someone
8. The journalist's \_\_\_\_\_ reporting should have captured the full scope of the issue.  
*adj.* existing or occurring only at or on the surface; appearing to be true or real only until examined more closely
9. The drug's side effects can include \_\_\_\_\_ loss of urine.  
*adj.* acting or done without or against one's will
10. The music \_\_\_\_\_ cultural barriers and reached audiences globally.  
*v.* to rise above or go beyond the limits of something
11. Treatment for an overdose of opioids includes the administration of \_\_\_\_\_.  
*n.* a medication used to reverse the effects of opioids (= morphine or a drug that resembles morphine), commonly used to counter decreased breathing in opioid overdose
12. 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
13. Our body transfers information along each \_\_\_\_\_ using an electrical impulse.  
*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
14. Autistic children may engage in \_\_\_\_\_ behaviors, such as rocking or hand flapping, to self-regulate.  
*n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

ANSWERS: 7. dissatisfy, 8. superficial, 9. involuntary, 10. transcended, 11. naloxone, 12. neuroscience, 13. neuron, 14. stimming

15. The similarities between the two cultures suggest \_\_\_\_\_ evolution.

*adj.* tending to come together or meet at a point; merging or intersecting; characterized by similarities or commonalities, particularly in different fields or areas of knowledge

16. My nerves began to \_\_\_\_\_ before the show started.

*v.* to cause a stinging or prickling sensation; (noun) a feeling of slight numbness or a slight prickling or stinging sensation, typically as a result of cold or excitement

17. I need to \_\_\_\_\_ my investment portfolio to reduce risk.

*v.* to adjust or distribute something proportionally to restore balance; to make changes to bring a situation back into equilibrium or stability

18. The police frantically searched for clues to the \_\_\_\_\_ killer.

*n.* a ghost or a spirit of a dead person; something existing only in your imagination or perception

19. After her dog passed away, she was \_\_\_\_\_ for weeks, unable to find joy.

*adj.* in low spirits; feeling or showing extreme discouragement or gloom

20. The airplane was on \_\_\_\_\_ during the long flight.

*n.* a system that automatically controls the operation of an aircraft or spacecraft

21. Endorphins are a type of \_\_\_\_\_ that gives a sense of well-being.

*n.* a chemical that carries nerve impulses between neurons or between neurons and muscles

22. She became \_\_\_\_\_ to criticism after being bullied in school.

*adj.* easily or overly affected emotionally, physically, or mentally by stimuli or situations that are not normally considered stressful or upsetting

ANSWERS: 15. convergent, 16. tingle, 17. rebalance, 18. phantom, 19. despondent, 20. autopilot, 21. neurotransmitter, 22. hypersensitive

23. He had a \_\_\_\_\_ because he was working through the night.
- n.* the fact of becoming ill or starting to misbehave again after making an improvement
24. The abuse of \_\_\_\_\_ has reached epidemic proportions in some parts of the country.
- n.* a potent synthetic opioid pain medication often used to treat severe or chronic pain, which is highly addictive and can be very dangerous or lethal in high doses
25. The \_\_\_\_\_ is the most significant component of the basal ganglia.
- n.* a striped mass of white and grey matter located in the brain which controls movement and balance of the body
26. We have become TV \_\_\_\_\_ due to video streaming services.
- n.* a person who cannot stop using or doing something as a habit, especially something harmful
27. Over-the-counter \_\_\_\_\_ are less effective for patients who have taken many in the past.
- n.* medicine used to relieve physical pain
28. The \_\_\_\_\_ beauty of the Grand Canyon took his breath away.
- adj.* going beyond the limits of ordinary experience or knowledge; surpassing the usual or expected; exalted or sublime
29. The two rivers \_\_\_\_\_ into one near this area.
- v.* to move or draw together at a specific location; (of lines) to move towards the same point where they join or meet

ANSWERS: 23. relapse, 24. fentanyl, 25. striatum, 26. addicts, 27. painkillers, 28. transcendent, 29. converge



30. After running a marathon, I felt \_\_\_\_\_ and ate an entire pizza.  
*adj.* extremely hungry or famished; greedy or voracious in appetite or desire
31. Researchers must \_\_\_\_\_ into the intricacies of the human brain to understand mental illness.  
*v.* to dig or excavate deeply; to investigate or research intensively; to rummage or explore in a thorough or careful manner
32. Her \_\_\_\_\_ to snakes made her avoid the reptile exhibit at the zoo.  
*n.* a strong dislike or reluctance towards something or someone; a feeling of extreme distaste or aversion towards something or someone unpleasant
33. Our study focuses on \_\_\_\_\_ changes in the brain.  
*adj.* of or relating to chemical processes occurring in neural activity or chemical substance that participates in neural activity
34. He regrets the \_\_\_\_\_ behavior he took in his drunken state.  
*adj.* acting suddenly without any planning and without considering the effects they may have
35. Research in \_\_\_\_\_ is leading to groundbreaking advancements in brain-computer interfaces.  
*n.* technology or advancements in the field of neuroscience, often related to the study or manipulation of the brain or nervous system
36. Women may increase \_\_\_\_\_ production through romantic love.  
*n.* a hormone secreted by the pituitary which stimulates contractions of the uterus during labor (= the process of pushing out a baby) and the ejection of milk
37. Changing \_\_\_\_\_ about LGBTQ requires considerable effort.  
*n.* a fixed and unvarying idea or image that people have about what someone or something is like, but which is often not true in reality and may cause hurt and offense

ANSWERS: 30. ravenous, 31. delve, 32. aversion, 33. neurochemical, 34. impulsive, 35. neurotechnology, 36. oxytocin, 37. stereotypes

38. The sudden drop in the stock market was an \_\_\_\_\_ that puzzled many investors.  
*n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
39. The computer is \_\_\_\_\_ and cannot be accessed at the moment.  
*adj.* not connected to the internet
40. He felt \_\_\_\_\_ and constantly changed his postures.  
*adj.* unwilling or unable to stay still or relax because you are worried and uneasy
41. The patient was diagnosed with a \_\_\_\_\_ disorder affecting their motor skills.  
*adj.* of or relating to the science of neurology or the nervous system
42. The magic tricks \_\_\_\_\_ the children.  
*v.* to attract and hold the attention of someone deeply and irresistibly
43. The news of her promotion \_\_\_\_\_ her.  
*v.* to make someone feel suddenly enthusiastic or eager
44. The mental health \_\_\_\_\_ often prevents people from seeking treatment.  
*n.* a mark of shame or disgrace associated with a particular circumstance, quality, or person
45. He carefully \_\_\_\_\_ the details of his business plan.  
*v.* to plan, coordinate, or arrange something, especially skillfully or cleverly;  
(noun) the act of organizing or directing the elements of a composition, especially in music

ANSWERS: 38. anomaly, 39. offline, 40. restless, 41. neurological, 42. fascinated, 43. excited, 44. stigma, 45. orchestrated

46. Bright light can cause me to squint and strain my eyes, resulting in twitchy \_\_\_\_\_.

- n.* a thin fold of skin that covers and protects the human eye, which helps to keep the eye moist by spreading tears over the surface and prevents foreign objects from entering the eye

47. The \_\_\_\_\_ of the old bridge was a warning sign of its impending collapse.

- n.* the process of something breaking down or falling apart physically or metaphorically; the state of being weakened or destroyed

48. He had a \_\_\_\_\_ need to check the stove was turned off every time he left the house.

- adj.* relating to or involving an irresistible urge to do something repeatedly or excessively, often in a way that is harmful or detrimental to one's well-being or relationships

49. After months of job searching, he felt \_\_\_\_\_ and unsure of his future.

- adj.* having no hope; despairing; having no chance of success

50. She devoted her life to \_\_\_\_\_ looking after her aging parents.

- n.* the act of providing care and support for someone who is ill, disabled, or elderly

51. His \_\_\_\_\_ of an impending disaster saved his family from a serious accident.

- n.* a strong feeling or sense that something is about to happen, often foreboding or unpleasant; a warning or indication of a future event or circumstance

52. He \_\_\_\_\_ the computer's operating system to remove the safeguard.

- v.* to modify or recreate a program

ANSWERS: 46. eyelids, 47. disintegration, 48. compulsive, 49. hopeless, 50. caregiving, 51. premonition, 52. reprogrammed

53. I have a \_\_\_\_\_ for nicotine.

*n.* a strong desire of wanting something

54. Lack of sleep can make me \_\_\_\_\_ and easily annoyed.

*adj.* easily or frequently agitated, annoyed, or angered; prone to becoming tense or angry in response to minor stimuli or events

55. 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

56. He stepped on the gas pedal, and the engine released a loud \_\_\_\_.

*n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

57. We need to \_\_\_\_\_ our relationship after our argument.

*v.* to establish again or anew; to restore something that was lost or disrupted, often relating to an organization, relationship, or system

58. He \_\_\_\_\_ criticizes her in the publicity.

*adv.* with awareness; in a deliberate manner

59. I need to \_\_\_\_\_ the faulty electrical system in my house to prevent a fire.

*v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns

60. The deserted island was \_\_\_\_\_ and uninhabited.

*adj.* deserted, barren, or lonely; causing a feeling of sadness or hopelessness

ANSWERS: 53. craving, 54. irritable, 55. opioid, 56. rev, 57. reestablish, 58. consciously, 59. rewire, 60. desolate

61. Researchers are studying the \_\_\_\_\_ effects of certain medications on the brain.
- adj.* relating to mental disorders that have a neurological or physiological basis or to the study of the interplay between neurological and psychiatric phenomena
62. Researchers are currently studying the potential of \_\_\_\_\_ to treat conditions such as depression and anxiety.
- n.* the ability of the brain to change and reorganize itself in response to new experiences, learning, or injury, by creating new neural connections and pathways
63. My nervous \_\_\_\_ makes it hard for me to concentrate during important events.
- n.* a sudden, involuntary muscular contraction or movement, often repetitive in nature; a habitual and often unconscious behavior or mannerism

ANSWERS: 61. neuropsychiatric, 62. neuroplasticity, 63. tic