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Vocabulary Builder Reference from...

Mandë Holford: The power of venom -- and how it could one day save your life | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

snail

n. a slow-moving mollusk with a spiral shell that it uses to protect its body

synonym: escargot, slug, whelk

(1) **snail** mail, (2) **snail** pace

The gardener found a **snail** slowly making its way through the lettuce patch.

proboscis

n. an elongated, protruding nose, snout, or appendage, especially of certain mammals or insects, used for grasping or feeding

synonym: snout, trunk, nose

(1) mosquito **proboscis**, (2) **proboscis** structure

The butterfly used its **proboscis** to collect nectar from the flower.

subdue

v. to conquer; to bring under control

synonym: conquer, overpower, vanquish

(1) **subdue** a confusion, (2) **subdue** his anger

The police used tear gas to **subdue** the violent crowd.

unsuspecting

adj. unaware of the presence of danger; not suspicious

synonym: unaware, unassuming, gullible

(1) **unsuspecting** boys and girls, (2) **unsuspecting** victim
The thief stole the wallet from the **unsuspecting** tourist.

predator

n. an animal whose natural behavior is to prey on others
synonym: vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

escargot

n. a French dish consisting of cooked snails typically served as an hors d'oeuvre (= small, bite-sized appetizers or starters typically served before a meal)
synonym: snail, helix

(1) **escargot** recipe, (2) baked **escargot**

The restaurant's **escargot** dish was a hit, with customers raving about its buttery and garlic flavor.

assassin

n. a person who murders a prominent or well-known person for political reasons or in exchange for money
synonym: killer, manslayer

(1) fall victim to an **assassin**, (2) would-be **assassin**

She hired an **assassin** to kill her opponent.

venom

n. a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging
synonym: poison, toxin, hating

(1) the **venom** of a lizard, (2) injected **venom**

The snake's **venom** is highly toxic and can be fatal to humans.

venomous

adj. extremely poisonous or injurious; containing or producing venom; marked by deep ill will
synonym: poisonous, toxic, lethal

(1) the **venomous** jellyfish's sting, (2) have **venomous** eyes

The **venomous** snake bit him, causing him to go into shock.

scorpion

n. a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a venomous sting

synonym: arachnid, stinger

(1) **scorpion** fish, (2) poisonous **scorpion**

The **scorpion's** venom can be lethal to humans.

radula

n. an anatomical structure utilized by mollusks that are frequently compared to a tongue

(1) the **radula** of mollusks, (2) the growth of **radula**

Many gastropods use their **radula** to rasp away at algae.

hypodermic

adj. relating to the area below the skin; referring to a method of administering drugs or vaccines through a hypodermic needle or syringe

synonym: injectable, subcutaneous, intravenous

(1) **hypodermic** abscess, (2) **hypodermic** injection

The doctors administered the vaccine through a **hypodermic** needle.

villain

n. a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel

synonym: scoundrel, rogue, antagonist

(1) evil **villain**, (2) authoritarian **villain**

The **villain** in the movie was a complex character with a tragic backstory.

superhero

n. a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

(1) **superhero** movies, (2) **superhero** comics

Superman is a classic **superhero** known for his superhuman strength and flying ability.

biochemical

adj. relating to the chemical processes and substances that occur within living organisms

synonym: molecular, biological

(1) **biochemical** reaction, (2) complex **biochemical**
Biochemical research is essential to understanding the complex chemical reactions in living organisms.

brute

n. a violent, wild, or feral animal; a person who is cruel, uncivilized, or lacking in intelligence or sensitivity; a physical force or power

synonym: beast, savage, animal

(1) **brute** beasts, (2) **brute** force

The **brute** behavior of the football players caused the game to be canceled.

arsenal

n. a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor

synonym: storage, stockpile, armory

(1) **arsenal** of knowledge, (2) political **arsenal**

The police found a hidden **arsenal** of weapons in the suspect's house.

toxin

n. a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

synonym: poison, venom, contaminant

(1) **toxin** exposure, (2) **toxin** production

Mold exposure can release dangerous **toxins** into the air.

conquer

v. to bring under control by force or authority

synonym: defeat, overpower, subdue

(1) **conquer** fatal disease, (2) **conquer** the world

You must **conquer** your anxiety about driving.

stronghold

n. a fortress or secure place that is difficult to capture, especially one used as a center of military operations

synonym: fortress, bastion, citadel

(1) the last **stronghold**, (2) **stronghold** bastion

The castle served as a **stronghold** for the kingdom, protecting against invaders.

clot

n. a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

synonym: clump, coagulation, thrombus

(1) blood **clot**, (2) **clot** prevention

The **clot** in the blood vessel required immediate medical attention.

hemotoxin

n. a poisonous substance that attacks the blood and circulatory system, often causing internal bleeding or organ failure; commonly found in snake and spider venom

synonym: venom, poison, toxin

(1) spider **hemotoxin**, (2) **hemotoxin-induced** tissue death

The **hemotoxin** produced by some species of jellyfish can cause paralysis and respiratory failure.

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.

neurotoxin

n. a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system

(1) snake **neurotoxin**, (2) lethal **neurotoxin**

Certain types of fish contain **neurotoxins** that can harm humans if ingested.

poke

v. to push or prod with a sharp object or the finger

synonym: prod, jab, push

(1) **poke** around the desk, (2) **poke** a fire

They **poked** fun at each other's jokes, laughing and teasing.

rupture

n. a break or tear in something, especially a bodily tissue or a physical object

synonym: fracture, break, tear

(1) a **rupture** between friends, (2) the **rupture** of a blood vessel

A fault line **rupture** can cause significant damage and destruction to surrounding areas.

explode

v. to burst or break open violently and noisily; to cause something to burst or break open

synonym: detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

cytotoxin

n. a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections

synonym: chemotoxin, poison, venom

(1) **cytotoxin** release, (2) bacterial **cytotoxin**

The snake's **cytotoxin** attacks the nervous system of its prey.

obsess

v. to fill the mind of someone continually so that one can't think of anything else

synonym: torment, beset, engross

(1) **obsess** over her weight, (2) he is **obsessed** with the fear

He's utterly **obsessed** with his promotion.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

paralysis

n. a condition in which you are unable to move or lose control of part or most of the body because of illness or injury

synonym: immobility, stiffness, palsy

(1) moral **paralysis**, (2) **paralysis** in the leg

Massive demonstrations lead to total **paralysis** of transportation.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

channelopathy

n. a disorder caused by some dysfunction of ion channels, which are proteins in the cell membrane that form pores for the passage of ions into and out of cells, which can cause a variety of symptoms affecting different organs and systems in the body

synonym: ion channel disease

(1) skeletal muscle **channelopathy**, (2) voltage-gated **channelopathy**

The child's seizures were caused by a genetic **channelopathy** that affected the potassium channels in the brain.

neuroblastoma

n. a malignant tumor that arises from immature nerve cells in the sympathetic nervous system, most commonly affecting young children, which symptoms may include pain, tumors, and fever

(1) pediatric **neuroblastoma**, (2) treat **neuroblastoma** cancer

The prognosis for **neuroblastoma** can vary depending on the cancer stage at the time of diagnosis.

morphine

n. a powerful narcotic drug used to relieve pain and induce sleep

synonym: narcotic, painkiller, sedative

(1) **morphine** addiction, (2) synthetic **morphine**

Long-term use of **morphine** can lead to tolerance, physical dependence, and addiction.

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.

viper

n. venomous snake

synonym: snake, serpent, adder

(1) brood of **vipers**, (2) **viper** poison

The pit **viper** coiled up, ready to strike at its prey.

captopril

n. a drug used to treat hypertension and heart failure by relaxing blood vessels and reducing the workload of the heart

synonym: ACE inhibitor, hypertension medication

(1) **captopril** tablets, (2) treat hypertension with **captopril**

My doctor prescribed **captopril** to lower my blood pressure.

binge

n. a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence

synonym: spree, overindulgence, splurge

(1) **binge** on social media, (2) alcohol **binge**

She stayed up all night **binge-watching** her favorite TV show.

marvelous

adj. causing wonder or astonishment; excellent

synonym: wonderful, amazing, superb

(1) **marvelous** performance, (2) **marvelous** power
The view from the top of the mountain was **marvelous**.

jellyfish

n. a marine creature with a soft, jelly-like body and tentacles for stinging

synonym: medusa, sea nettle, moon jelly

(1) spineless **jellyfish**, (2) **jellyfish** sting

The beach was filled with hundreds of **jellyfish**, so swimming was not recommended.

larva

n. the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

synonym: caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

moth

n. an insect with wings similar to a butterfly that travels at night and is attracted to light

(1) **moth** larva, (2) **moth** attracted to the light

The **moth** is a serious threat to the farm's output.

platypus

n. a semiaquatic, egg-laying mammal native to Australia and Tasmania, having a broad tail, webbed feet, and a bill resembling that of a duck

synonym: duckbill, monotreme, marsupial

(1) duck-billed **platypus**, (2) **platypus** habitat

The **platypus** diet consists mainly of small invertebrates, insects, and crustaceans.

loris

n. a small, nocturnal primate with large, round eyes, slow movements, and a toxic bite found in Asia and Africa

(1) some species of **lorises**, (2) pygmy **loris**

The slow-moving **loris** is endangered due to habitat destruction and illegal trading.

Session 2: Spelling

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|---------------------------|---|
| 1. ob___s over her weight | <i>v.</i> to fill the mind of someone continually so that one can't think of anything else |
| 2. op___d receptor | <i>n.</i> 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 |
| 3. su_____ro comics | <i>n.</i> a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public |
| 4. bacterial cy_____in | <i>n.</i> a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections |
| 5. the ra___a of mollusks | <i>n.</i> an anatomical structure utilized by mollusks that are frequently compared to a tongue |
| 6. mo_____ne addiction | <i>n.</i> a powerful narcotic drug used to relieve pain and induce sleep |
| 7. baked es_____ot | <i>n.</i> a French dish consisting of cooked snails typically served as an hors d'oeuvre (= small, bite-sized appetizers or starters typically served before a meal) |
| 8. ca_____il tablets | <i>n.</i> a drug used to treat hypertension and heart failure by relaxing blood vessels and reducing the workload of the heart |

ANSWERS: 1. obsess, 2. opioid, 3. superhero, 4. cytotoxin, 5. radula, 6. morphine, 7. escargot, 8. captopril

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|---------------------------|---|
| 9. pediatric neu_____oma | <i>n.</i> a malignant tumor that arises from immature nerve cells in the sympathetic nervous system, most commonly affecting young children, which symptoms may include pain, tumors, and fever |
| 10. a moth la__a | <i>n.</i> the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose |
| 11. injected ve__m | <i>n.</i> a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging |
| 12. p__e a fire | <i>v.</i> to push or prod with a sharp object or the finger |
| 13. ma_____us performance | <i>adj.</i> causing wonder or astonishment; excellent |
| 14. evil vi_____n | <i>n.</i> a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel |
| 15. to__n production | <i>n.</i> a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism |
| 16. duck-billed pl_____us | <i>n.</i> a semiaquatic, egg-laying mammal native to Australia and Tasmania, having a broad tail, webbed feet, and a bill resembling that of a duck |

ANSWERS: 9. neuroblastoma, 10. larva, 11. venom, 12. poke, 13. marvelous, 14. villain, 15. toxin, 16. platypus

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|----------------------------------|---|
| 17. he is ob___sed with the fear | <i>v.</i> to fill the mind of someone continually so that one can't think of anything else |
| 18. pl____us habitat | <i>n.</i> a semiaquatic, egg-laying mammal native to Australia and Tasmania, having a broad tail, webbed feet, and a bill resembling that of a duck |
| 19. su_____ro movies | <i>n.</i> a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public |
| 20. lethal neu_____in | <i>n.</i> a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system |
| 21. in___t under the skin | <i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube) |
| 22. synthetic mo_____ne | <i>n.</i> a powerful narcotic drug used to relieve pain and induce sleep |
| 23. political ar_____l | <i>n.</i> a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor |
| 24. the last str_____ld | <i>n.</i> a fortress or secure place that is difficult to capture, especially one used as a center of military operations |
| 25. excite the ne___ns | <i>n.</i> a cell that is specialized to carry information within the brain and between the brain and other parts of the body |

ANSWERS: 17. obsess, 18. platypus, 19. superhero, 20. neurotoxin, 21. inject, 22. morphine, 23. arsenal, 24. stronghold, 25. neuron

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|--------------------------------|---|
| 26. su___e a confusion | <i>v.</i> to conquer; to bring under control |
| 27. hyp_____ic abscess | <i>adj.</i> relating to the area below the skin; referring to a method of administering drugs or vaccines through a hypodermic needle or syringe |
| 28. sn___l pace | <i>n.</i> a slow-moving mollusk with a spiral shell that it uses to protect its body |
| 29. co_____r fatal disease | <i>v.</i> to bring under control by force or authority |
| 30. es_____ot recipe | <i>n.</i> a French dish consisting of cooked snails typically served as an hors d'oeuvre (= small, bite-sized appetizers or starters typically served before a meal) |
| 31. treat neu_____oma cancer | <i>n.</i> a malignant tumor that arises from immature nerve cells in the sympathetic nervous system, most commonly affecting young children, which symptoms may include pain, tumors, and fever |
| 32. would-be as_____in | <i>n.</i> a person who murders a prominent or well-known person for political reasons or in exchange for money |
| 33. uns_____ing boys and girls | <i>adj.</i> unaware of the presence of danger; not suspicious |
| 34. uns_____ing victim | <i>adj.</i> unaware of the presence of danger; not suspicious |
| 35. an op___d analgesic | <i>n.</i> 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: 26. subdue, 27. hypodermic, 28. snail, 29. conquer, 30. escargot, 31. neuroblastoma, 32. assassin, 33. unsuspecting, 34. unsuspecting, 35. opioid

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|---------------------------------|--|
| 36. mosquito pr_____is | <i>n.</i> an elongated, protruding nose, snout, or appendage, especially of certain mammals or insects, used for grasping or feeding |
| 37. hyp_____ic injection | <i>adj.</i> relating to the area below the skin; referring to a method of administering drugs or vaccines through a hypodermic needle or syringe |
| 38. vi__r poison | <i>n.</i> venomous snake |
| 39. sn__l mail | <i>n.</i> a slow-moving mollusk with a spiral shell that it uses to protect its body |
| 40. la__a of a butterfly | <i>n.</i> the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose |
| 41. m__h attracted to the light | <i>n.</i> an insect with wings similar to a butterfly that travels at night and is attracted to light |
| 42. moral pa_____is | <i>n.</i> a condition in which you are unable to move or lose control of part or most of the body because of illness or injury |
| 43. authoritarian vi_____n | <i>n.</i> a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel |
| 44. the growth of ra____a | <i>n.</i> an anatomical structure utilized by mollusks that are frequently compared to a tongue |
| 45. ex_____e in popularity | <i>v.</i> to burst or break open violently and noisily; to cause something to burst or break open |

ANSWERS: 36. proboscis, 37. hypodermic, 38. viper, 39. snail, 40. larva, 41. moth, 42. paralysis, 43. villain, 44. radula, 45. explode

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|---------------------------------------|---|
| 46. pa_____is in the leg | <i>n.</i> a condition in which you are unable to move or lose control of part or most of the body because of illness or injury |
| 47. the ve_____us jellyfish's sting | <i>adj.</i> extremely poisonous or injurious; containing or producing venom; marked by deep ill will |
| 48. di_____t a well-ordered condition | <i>v.</i> to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance |
| 49. treat hypertension with ca_____il | <i>n.</i> a drug used to treat hypertension and heart failure by relaxing blood vessels and reducing the workload of the heart |
| 50. sexual pr_____ors | <i>n.</i> an animal whose natural behavior is to prey on others |
| 51. the ve__m of a lizard | <i>n.</i> a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging |
| 52. pr_____is structure | <i>n.</i> an elongated, protruding nose, snout, or appendage, especially of certain mammals or insects, used for grasping or feeding |
| 53. co_____r the world | <i>v.</i> to bring under control by force or authority |
| 54. p__e around the desk | <i>v.</i> to push or prod with a sharp object or the finger |
| 55. the ru_____e of a blood vessel | <i>n.</i> a break or tear in something, especially a bodily tissue or a physical object |

ANSWERS: 46. paralysis, 47. venomous, 48. disrupt, 49. captopril, 50. predator, 51. venom, 52. proboscis, 53. conquer, 54. poke, 55. rupture

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| 56. poisonous sc____on | <i>n.</i> a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a venomous sting |
| 57. pygmy lo__s | <i>n.</i> a small, nocturnal primate with large, round eyes, slow movements, and a toxic bite found in Asia and Africa |
| 58. br__e beasts | <i>n.</i> a violent, wild, or feral animal; a person who is cruel, uncivilized, or lacking in intelligence or sensitivity; a physical force or power |
| 59. have ve____us eyes | <i>adj.</i> extremely poisonous or injurious; containing or producing venom; marked by deep ill will |
| 60. he_____in-induced tissue death | <i>n.</i> a poisonous substance that attacks the blood and circulatory system, often causing internal bleeding or organ failure; commonly found in snake and spider venom |
| 61. br__e force | <i>n.</i> a violent, wild, or feral animal; a person who is cruel, uncivilized, or lacking in intelligence or sensitivity; a physical force or power |
| 62. voltage-gated cha_____thy | <i>n.</i> a disorder caused by some dysfunction of ion channels, which are proteins in the cell membrane that form pores for the passage of ions into and out of cells, which can cause a variety of symptoms affecting different organs and systems in the body |

ANSWERS: 56. scorpion, 57. loris, 58. brute, 59. venomous, 60. hemotoxin, 61. brute, 62. channelopathy

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|-----------------------------|---|
| 63. ar____l of knowledge | <i>n.</i> a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor |
| 64. some species of lo__ses | <i>n.</i> a small, nocturnal primate with large, round eyes, slow movements, and a toxic bite found in Asia and Africa |
| 65. bi__e on social media | <i>n.</i> a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence |
| 66. brood of vi__rs | <i>n.</i> venomous snake |
| 67. je_____sh sting | <i>n.</i> a marine creature with a soft, jelly-like body and tentacles for stinging |
| 68. c__t prevention | <i>n.</i> a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force |
| 69. to__n exposure | <i>n.</i> a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism |
| 70. sc_____on fish | <i>n.</i> a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a venomous sting |

ANSWERS: 63. arsenal, 64. loris, 65. binge, 66. viper, 67. jellyfish, 68. clot, 69. toxin, 70. scorpion

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|---------------------------------|---|
| 71. str_____ld bastion | <i>n.</i> a fortress or secure place that is difficult to capture, especially one used as a center of military operations |
| 72. bio_____al reaction | <i>adj.</i> relating to the chemical processes and substances that occur within living organisms |
| 73. su___e his anger | <i>v.</i> to conquer; to bring under control |
| 74. cy_____in release | <i>n.</i> a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections |
| 75. fall victim to an as_____in | <i>n.</i> a person who murders a prominent or well-known person for political reasons or in exchange for money |
| 76. ex_____e in anger | <i>v.</i> to burst or break open violently and noisily; to cause something to burst or break open |
| 77. apex pr_____or | <i>n.</i> an animal whose natural behavior is to prey on others |
| 78. snake neu_____in | <i>n.</i> a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system |
| 79. ne____n cell body | <i>n.</i> a cell that is specialized to carry information within the brain and between the brain and other parts of the body |
| 80. ma_____us power | <i>adj.</i> causing wonder or astonishment; excellent |

ANSWERS: 71. stronghold, 72. biochemical, 73. subdue, 74. cytotoxin, 75. assassin, 76. explode, 77. predator, 78. neurotoxin, 79. neuron, 80. marvelous

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|---|--|
| 81. m__h larva | <i>n.</i> an insect with wings similar to a butterfly that travels at night and is attracted to light |
| 82. in___t a personal opinion into a debate | <i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube) |
| 83. skeletal muscle cha_____thy | <i>n.</i> a disorder caused by some dysfunction of ion channels, which are proteins in the cell membrane that form pores for the passage of ions into and out of cells, which can cause a variety of symptoms affecting different organs and systems in the body |
| 84. alcohol bi__e | <i>n.</i> a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence |
| 85. complex bio_____al | <i>adj.</i> relating to the chemical processes and substances that occur within living organisms |
| 86. a ru_____e between friends | <i>n.</i> a break or tear in something, especially a bodily tissue or a physical object |
| 87. blood c__t | <i>n.</i> a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force |
| 88. spider he_____in | <i>n.</i> a poisonous substance that attacks the blood and circulatory system, often causing internal bleeding or organ failure; commonly found in snake and spider venom |

ANSWERS: 81. moth, 82. inject, 83. channelopathy, 84. binge, 85. biochemical, 86. rupture, 87. clot, 88. hemotoxin

89. spineless je_____sh

n. a marine creature with a soft, jelly-like body and tentacles for stinging

90. di_____t sleep

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

ANSWERS: 89. jellyfish, 90. disrupt

Session 3: Fill in the Blanks

1. A fault line _____ can cause significant damage and destruction to surrounding areas.
n. a break or tear in something, especially a bodily tissue or a physical object
2. The police used tear gas to _____ the violent crowd.
v. to conquer; to bring under control
3. She stayed up all night _____ her favorite TV show.
n. a period of excessive or uncontrolled consumption, often of food or alcohol; a spree or bout of reckless behavior or indulgence
4. _____ research is essential to understanding the complex chemical reactions in living organisms.
adj. relating to the chemical processes and substances that occur within living organisms
5. The gardener found a _____ slowly making its way through the lettuce patch.
n. a slow-moving mollusk with a spiral shell that it uses to protect its body
6. The castle served as a _____ for the kingdom, protecting against invaders.
n. a fortress or secure place that is difficult to capture, especially one used as a center of military operations
7. Certain types of fish contain _____ that can harm humans if ingested.
n. a poisonous substance that damages or destroys nerve tissue and causes neurological damage or dysfunction; a toxin that specifically targets the nervous system

ANSWERS: 1. rupture, 2. subdue, 3. binge-watching, 4. Biochemical, 5. snail, 6. stronghold, 7. neurotoxins

8. 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
9. The _____ diet consists mainly of small invertebrates, insects, and crustaceans.
- n.* a semiaquatic, egg-laying mammal native to Australia and Tasmania, having a broad tail, webbed feet, and a bill resembling that of a duck
10. The butterfly used its _____ to collect nectar from the flower.
- n.* an elongated, protruding nose, snout, or appendage, especially of certain mammals or insects, used for grasping or feeding
11. The _____ venom can be lethal to humans.
- n.* a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a venomous sting
12. The doctors administered the vaccine through a _____ needle.
- adj.* relating to the area below the skin; referring to a method of administering drugs or vaccines through a hypodermic needle or syringe
13. Massive demonstrations lead to total _____ of transportation.
- n.* a condition in which you are unable to move or lose control of part or most of the body because of illness or injury
14. They _____ fun at each other's jokes, laughing and teasing.
- v.* to push or prod with a sharp object or the finger
15. The beach was filled with hundreds of _____ so swimming was not recommended.
- n.* a marine creature with a soft, jelly-like body and tentacles for stinging

ANSWERS: 8. neuron, 9. platypus, 10. proboscis, 11. scorpion's, 12. hypodermic, 13. paralysis, 14. poked, 15. jellyfish,

16. Mold exposure can release dangerous _____ into the air.

- n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

17. The snake's _____ attacks the nervous system of its prey.

- n.* a poisonous substance that specifically targets and damages or kills cells, often associated with bacterial or viral infections

18. Superman is a classic _____ known for his superhuman strength and flying ability.

- n.* a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public

19. I'm so sorry to _____ you when you're pretty busy.

- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

20. The _____ snake bit him, causing him to go into shock.

- adj.* extremely poisonous or injurious; containing or producing venom; marked by deep ill will

21. The police found a hidden _____ of weapons in the suspect's house.

- n.* a collection of weapons or military equipment stored in preparation for war or conflict; a collection of resources or tools available for use in a particular field or endeavor

22. 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: 16. toxins, 17. cytotoxin, 18. superhero, 19. disrupt, 20. venomous, 21. arsenal, 22. opioid

23. The restaurant's _____ dish was a hit, with customers raving about its buttery and garlic flavor.
- n.* a French dish consisting of cooked snails typically served as an hors d'oeuvre (= small, bite-sized appetizers or starters typically served before a meal)
24. The butterfly emerged from its _____ stage.
- n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
25. The pit _____ coiled up, ready to strike at its prey.
- n.* venomous snake
26. The _____ in the movie was a complex character with a tragic backstory.
- n.* a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel
27. You must _____ your anxiety about driving.
- v.* to bring under control by force or authority
28. Let's try to _____ a bit of enthusiasm into your performance.
- v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
29. The slow-moving _____ is endangered due to habitat destruction and illegal trading.
- n.* a small, nocturnal primate with large, round eyes, slow movements, and a toxic bite found in Asia and Africa
30. Long-term use of _____ can lead to tolerance, physical dependence, and addiction.
- n.* a powerful narcotic drug used to relieve pain and induce sleep

ANSWERS: 23. escargot, 24. larva, 25. viper, 26. villain, 27. conquer, 28. inject, 29. loris, 30. morphine

31. The view from the top of the mountain was _____.

adj. causing wonder or astonishment; excellent

32. The native South American animals were in danger because of the _____ arrival.

n. an animal whose natural behavior is to prey on others

33. The _____ produced by some species of jellyfish can cause paralysis and respiratory failure.

n. a poisonous substance that attacks the blood and circulatory system, often causing internal bleeding or organ failure; commonly found in snake and spider venom

34. My doctor prescribed _____ to lower my blood pressure.

n. a drug used to treat hypertension and heart failure by relaxing blood vessels and reducing the workload of the heart

35. The child's seizures were caused by a genetic _____ that affected the potassium channels in the brain.

n. a disorder caused by some dysfunction of ion channels, which are proteins in the cell membrane that form pores for the passage of ions into and out of cells, which can cause a variety of symptoms affecting different organs and systems in the body

36. The _____ in the blood vessel required immediate medical attention.

n. a thick mass or lump of coagulated liquid, especially blood; a group of people or things that form an obstructive, unsympathetic, or resistant force

37. The snake's _____ is highly toxic and can be fatal to humans.

n. a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging

ANSWERS: 31. marvelous, 32. predator's, 33. hemotoxin, 34. captopril, 35. channelopathy, 36. clot, 37. venom

38. She hired an _____ to kill her opponent.

- n.* a person who murders a prominent or well-known person for political reasons or in exchange for money

39. The thief stole the wallet from the _____ tourist.

- adj.* unaware of the presence of danger; not suspicious

40. Many gastropods use their _____ to rasp away at algae.

- n.* an anatomical structure utilized by mollusks that are frequently compared to a tongue

41. The _____ is a serious threat to the farm's output.

- n.* an insect with wings similar to a butterfly that travels at night and is attracted to light

42. The old building _____ in a fiery inferno.

- v.* to burst or break open violently and noisily; to cause something to burst or break open

43. He's utterly _____ with his promotion.

- v.* to fill the mind of someone continually so that one can't think of anything else

44. The prognosis for _____ can vary depending on the cancer stage at the time of diagnosis.

- n.* a malignant tumor that arises from immature nerve cells in the sympathetic nervous system, most commonly affecting young children, which symptoms may include pain, tumors, and fever

45. The _____ behavior of the football players caused the game to be canceled.

- n.* a violent, wild, or feral animal; a person who is cruel, uncivilized, or lacking in intelligence or sensitivity; a physical force or power

ANSWERS: 38. assassin, 39. unsuspecting, 40. radula, 41. moth, 42. exploded, 43. obsessed, 44. neuroblastoma, 45. brute

ANSWERS: