

Englist.me



Vocabulary Builder Reference from...

Robert Full: The secrets of nature's grossest creatures, channeled into robots | TED Talk

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

Advanced Words Only

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

disgust

n. a strong feeling of dislike or disapproval

synonym : nauseate, hate, dislike

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

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

swarm

n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground

synonym : horde, hive, throng

(1) a **swarm** of mosquitoes, (2) locust **swarm**

A **swarm** of angry bees attacked because we had approached the hive.

cockroach

n. a flat, brown or black, chiefly nocturnal insects sometimes found in the home

synonym : roach

(1) **cockroach** killer, (2) have a **cockroach** phobia

Cockroaches sometimes cause allergic reactions in humans.

stabilize

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

synonym : brace, steady, secure

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

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

perturbation

n. a state of anxiety, confusion, or disturbance; a deviation or disruption from the normal or expected state

synonym: disruption, disturbance, turmoil

(1) seismic **perturbation**, (2) emotional **perturbation**

The unexpected financial crisis caused a **perturbation** in the stock market, leading to widespread panic among investors.

brainpower

n. intellectual or cognitive ability; mental capacity or intelligence

synonym: intelligence, smarts, intellect

(1) improve **brainpower**, (2) maximize **brainpower**

To succeed in the field of science, you need to have some serious **brainpower** and dedication

destabilize

v. to cause something to become less stable or secure

synonym: unsettle, disrupt, upset

(1) **destabilize** the market, (2) **destabilize** a good relationship

The political crisis **destabilized** the country and caused widespread turmoil.

invert

v. to turn something upside down, inside out; to reverse the position, order, or relationship of something

synonym: turn upside down, reverse, flip

(1) **invert** a glass, (2) **invert** position

He decided to **invert** his investment portfolio, shifting from stocks to bonds.

perturb

v. to disturb or agitate someone or something, causing feelings of anxiety or unease; to throw something into a state of chaos or disorder

synonym: disturb, agitate, unsettle

(1) **perturb** emotions, (2) **perturb** the peace

The loud music from the party next door is starting to **perturb** me.

gymnastic

adj. relating to or characterized by exercises that require physical skill, strength, and agility, often performed without equipment or apparatus

synonym : athletic, acrobatic, agile

(1) **gymnastic** routine, (2) **gymnastic** skills

She performed a series of **gymnastic** moves that left the audience in awe.

maneuver

n. a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

synonym : gimmick, trick, action

(1) political **maneuvers**, (2) made a great **maneuver**

In this class, we learn the basic **maneuver** of the plane.

claw

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

synonym : paw, talon, nail

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

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

tripod

n. a three-legged stand, typically one with a platform for a camera or other equipment

synonym : three-legged stand, three-legged base, three-legged support

(1) **tripod** mic stand, (2) **tripod** mount

The photographer set up his camera on a **tripod** to take the shot.

gait

n. a person's manner of walking, running, or moving on foot; a particular pattern or style of movement or locomotion

synonym : pace, stride, step

(1) awkward **gait**, (2) brisk **gait**

The older woman's **gait** was slow and unsteady.

exoskeleton

n. a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab

synonym: chitin, exocuticle, carapace

(1) **exoskeleton** suit, (2) robotic **exoskeleton**

The **exoskeleton** of the crab protects it from predators and environmental changes.

dissection

n. the act or process of cutting up or dividing something to examine it

synonym: cutting, slicing, dissecting

(1) **dissection** process, (2) **dissection** specimen

The **dissection** of the frog revealed its internal anatomy.

abdomen

n. the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

synonym: belly, gut, tummy

(1) **abdomen** pain, (2) insect **abdomen**

The weightlifter used his strong **abdomen** muscles to lift the heavy barbell.

origami

n. the Japanese art or practice of folding paper into decorative shapes and figures

synonym: paper folding, paper art

(1) **origami** paper, (2) **origami** art

I love making **origami** cranes during my free time.

laminated

n. a material made by bonding together two or more layers of different materials, often used in furniture or flooring

synonym: veneer, coating, layer

(1) **laminated** flooring, (2) **laminated** table

The countertop in my kitchen is made of durable **laminated** material.

hexapod

n. an animal or machine with six legs

synonym: six-legged, six-legged creature, six-legged animal

(1) **hexapod** animal, (2) **hexapod** mechanism

The **hexapod** robot was able to move in multiple directions.

inversion

n. the action or fact of inverting something, or the state of being inverted; the reversal of the normal order or arrangement of things

synonym: reversal, upside-down, turnaround

(1) temperature **inversion**, (2) **inversion** layer

The **inversion** of the mortgage market led to a decrease in home values.

confine

v. to restrict the movement of someone or something

synonym: restrict, limit, contain

(1) **confine** themselves solely, (2) **confine** the scope of use

The animal was **confined** in a small cage.

compress

v. to press or squeeze together to make something take up less space

synonym: condense, constrict, squeeze

(1) **compress** the chest, (2) **compress** gas

She **compressed** the files into a single ZIP archive to save space on her computer.

Session 2: Spelling

- | | |
|---------------------------|--|
| 1. st_____ze prices | <i>v.</i> to become or cause to become steady or unlikely to give way |
| 2. a sw__m of mosquitoes | <i>n.</i> a group of many things, such as insects, fishes, etc., in the air or water or on the ground |
| 3. co_____ss the chest | <i>v.</i> to press or squeeze together to make something take up less space |
| 4. tr___d mic stand | <i>n.</i> a three-legged stand, typically one with a platform for a camera or other equipment |
| 5. he_____d mechanism | <i>n.</i> an animal or machine with six legs |
| 6. made a great ma_____er | <i>n.</i> a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage |
| 7. locust sw__m | <i>n.</i> a group of many things, such as insects, fishes, etc., in the air or water or on the ground |
| 8. gy_____ic skills | <i>adj.</i> relating to or characterized by exercises that require physical skill, strength, and agility, often performed without equipment or apparatus |
| 9. in_____on layer | <i>n.</i> the action or fact of inverting something, or the state of being inverted; the reversal of the normal order or arrangement of things |

ANSWERS: 1. stabilize, 2. swarm, 3. compress, 4. tripod, 5. hexapod, 6. maneuver, 7. swarm, 8. gymnastic, 9. inversion

- | | |
|----------------------------------|--|
| 10. maximize bra_____er | <i>n.</i> intellectual or cognitive ability; mental capacity or intelligence |
| 11. la_____te table | <i>n.</i> a material made by bonding together two or more layers of different materials, often used in furniture or flooring |
| 12. la_____te flooring | <i>n.</i> a material made by bonding together two or more layers of different materials, often used in furniture or flooring |
| 13. awkward g__t | <i>n.</i> a person's manner of walking, running, or moving on foot; a particular pattern or style of movement or locomotion |
| 14. have a co_____ch phobia | <i>n.</i> a flat, brown or black, chiefly nocturnal insects sometimes found in the home |
| 15. he_____d animal | <i>n.</i> an animal or machine with six legs |
| 16. exo_____on suit | <i>n.</i> a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab |
| 17. st_____ze blood sugar levels | <i>v.</i> to become or cause to become steady or unlikely to give way |
| 18. political ma_____ers | <i>n.</i> a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage |
| 19. or_____i art | <i>n.</i> the Japanese art or practice of folding paper into decorative shapes and figures |

ANSWERS: 10. brainpower, 11. laminate, 12. laminate, 13. gait, 14. cockroach, 15. hexapod, 16. exoskeleton, 17. stabilize, 18. maneuver, 19. origami

29. gy_____ic routine *adj.* relating to or characterized by exercises that require physical skill, strength, and agility, often performed without equipment or apparatus
30. pe_____b the peace *v.* to disturb or agitate someone or something, causing feelings of anxiety or unease; to throw something into a state of chaos or disorder
31. public di_____t *n.* a strong feeling of dislike or disapproval
32. des_____ze the market *v.* to cause something to become less stable or secure
33. brisk g__t *n.* a person's manner of walking, running, or moving on foot; a particular pattern or style of movement or locomotion
34. dis_____on specimen *n.* the act or process of cutting up or dividing something to examine it
35. c__w marks *n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects
36. robotic exo_____on *n.* a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab
37. co_____ss gas *v.* to press or squeeze together to make something take up less space

ANSWERS: 29. gymnastic, 30. perturb, 31. disgust, 32. destabilize, 33. gait, 34. dissection, 35. claw, 36. exoskeleton, 37. compress

38. or____i paper *n.* the Japanese art or practice of folding paper into decorative shapes and figures
39. in____t position *v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something
40. improve bra____er *n.* intellectual or cognitive ability; mental capacity or intelligence
41. show di____t at his actions *n.* a strong feeling of dislike or disapproval
42. in____t a glass *v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something
43. co____ch killer *n.* a flat, brown or black, chiefly nocturnal insects sometimes found in the home
44. temperature in____on *n.* the action or fact of inverting something, or the state of being inverted; the reversal of the normal order or arrangement of things
45. pe____b emotions *v.* to disturb or agitate someone or something, causing feelings of anxiety or unease; to throw something into a state of chaos or disorder
46. ab____n pain *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

ANSWERS: 38. origami, 39. invert, 40. brainpower, 41. disgust, 42. invert, 43. cockroach, 44. inversion, 45. perturb, 46. abdomen

Session 3: Fill in the Blanks

1. _____ sometimes cause allergic reactions in humans.
n. a flat, brown or black, chiefly nocturnal insects sometimes found in the home
2. She _____ the files into a single ZIP archive to save space on her computer.
v. to press or squeeze together to make something take up less space
3. He was filled with _____ and fear for the threat of war.
n. a strong feeling of dislike or disapproval
4. The raising of interest rates _____ the inflation rate.
v. to become or cause to become steady or unlikely to give way
5. The weightlifter used his strong _____ muscles to lift the heavy barbell.
n. the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
6. I love making _____ cranes during my free time.
n. the Japanese art or practice of folding paper into decorative shapes and figures
7. The _____ of the frog revealed its internal anatomy.
n. the act or process of cutting up or dividing something to examine it
8. He decided to _____ his investment portfolio, shifting from stocks to bonds.
v. to turn something upside down, inside out; to reverse the position, order, or relationship of something

ANSWERS: 1. Cockroaches, 2. compressed, 3. disgust, 4. stabilizes, 5. abdomen, 6. origami, 7. dissection, 8. invert

9. She performed a series of _____ moves that left the audience in awe.
adj. relating to or characterized by exercises that require physical skill, strength, and agility, often performed without equipment or apparatus
10. The older woman's _____ was slow and unsteady.
n. a person's manner of walking, running, or moving on foot; a particular pattern or style of movement or locomotion
11. In this class, we learn the basic _____ of the plane.
n. a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
12. A _____ of angry bees attacked because we had approached the hive.
n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground
13. The bear used its _____ to catch a fish in the river.
n. a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects
14. The unexpected financial crisis caused a _____ in the stock market, leading to widespread panic among investors.
n. a state of anxiety, confusion, or disturbance; a deviation or disruption from the normal or expected state
15. The _____ of the mortgage market led to a decrease in home values.
n. the action or fact of inverting something, or the state of being inverted; the reversal of the normal order or arrangement of things

ANSWERS: 9. gymnastic, 10. gait, 11. maneuver, 12. swarm, 13. claw, 14. perturbation, 15. inversion

16. To succeed in the field of science, you need to have some serious _____ and dedication

n. intellectual or cognitive ability; mental capacity or intelligence

17. The loud music from the party next door is starting to _____ me.

v. to disturb or agitate someone or something, causing feelings of anxiety or unease; to throw something into a state of chaos or disorder

18. The countertop in my kitchen is made of durable _____ material.

n. a material made by bonding together two or more layers of different materials, often used in furniture or flooring

19. The _____ of the crab protects it from predators and environmental changes.

n. a hard, external protective covering or framework that supports and gives shape to the body of an invertebrate animal, such as an insect or crab

20. The photographer set up his camera on a _____ to take the shot.

n. a three-legged stand, typically one with a platform for a camera or other equipment

21. The animal was _____ in a small cage.

v. to restrict the movement of someone or something

22. The political crisis _____ the country and caused widespread turmoil.

v. to cause something to become less stable or secure

23. The _____ robot was able to move in multiple directions.

n. an animal or machine with six legs

ANSWERS: 16. brainpower, 17. perturb, 18. laminate, 19. exoskeleton, 20. tripod, 21. confined, 22. destabilized, 23. hexapod

ANSWERS: