

Englist.me



Vocabulary Builder Reference from...

Stephen Friend: The hunt for "unexpected genetic heroes" | TED Talk

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

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

oncology

n. the branch of medicine that deals with the study and treatment of tumors, especially malignancies

synonym : cancer treatment, study of tumors

(1) **oncology** center, (2) modern **oncology** treatment

The pharmaceutical company unveiled its latest breakthrough drug for the **oncology** market.

inherit

v. to receive money, property, or a title from someone after they have died

synonym : obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

retinoblastoma

n. a rare type of malignant tumor that develops in the retina of the eye, primarily affecting young children, characterized by abnormal cell growth and can lead to vision loss or other eye-related complications if left untreated

synonym : ocular cancer, eye tumor

(1) **retinoblastoma** tumor, (2) **retinoblastoma** gene

Early detection and treatment of **retinoblastoma** can save both vision and lives.

propel

v. to move, drive or push something forward or in a particular direction, often with a lot of force

synonym : drive, push, move

(1) **propel** growth, (2) **propel** the ship

An increase in employment helps **propel** economic growth.

trait

n. a particular feature of your nature

synonym : attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

budge

v. to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something

synonym : move, shift, nudge

(1) **budge** an inch, (2) **budge** the shelf

No matter how hard I tried, I couldn't **budge** the heavy couch from its place in the room.

astute

adj. having the ability to assess situations or people accurately and to act accordingly; mentally sharp or clever; showing practical wisdom or shrewdness

synonym : perceptive, shrewd, keen

(1) **astute** decision-making, (2) **astute** businessman

His **astute** observation allowed him to catch the mistake before anyone else did.

clinician

n. a practitioner, especially of medicine or psychology, who has direct contact with patients

synonym : psychiatrist, therapist, doctor

(1) experienced **clinician**, (2) from a **clinician's** perspective

Some **clinicians** believe that psychological characteristics alone may cause mental disorders.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym : robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population
She is a **resilient** person and has always bounced back from setbacks.

decode

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

synonym: decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences
The software could **decode** the encrypted data and reveal the hidden information.

penetrate

v. to pass into or through something, often by overcoming resistance

synonym: pierce, stab, go through

(1) **penetrate** a cell, (2) **penetrate** quickly into the skin
Western ideology slowly **penetrates** through the eastern countries.

plummet

v. to fall or drop suddenly and steeply; to decline rapidly or sharply

synonym: drop, plunge, fall

(1) **plummeting** sales, (2) **plummet** against other major currencies

The stock prices have **plummeted** in the last hour, causing concern for investors.

decipher

v. to read or understand something that is written in code or in a difficult or obscure way

synonym: interpret, decode, translate

(1) **decipher** code, (2) **decipher** message

He spent hours trying to **decipher** the ancient text.

institutionalize

v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

synonym: formalize, establish, regularize

(1) **institutionalize** a system, (2) **institutionalize** customary laws

The new policy aims to **institutionalize** the use of renewable energy sources.

authorship

n. the fact or condition of being the person who wrote a particular work;

synonym : writing, composing, penning

(1) **authorship** of the document, (2) a book of doubtful **authorship**

He took credit for the book's **authorship**, but later it was revealed that he had plagiarized it.

crowdsourcing

n. the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet

(1) **crowdsourcing** apps, (2) **crowdsourcing** in climate policy

The company used this **crowdsourcing** platform to gather ideas for its next product.

medicinal

adj. of or relating to the treatment or cure of disease

synonym : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

swab

n. a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface

synonym : mop, scrub, daub

(1) alcohol **swab**, (2) cotton **swab**

He took a **swab** of his ear.

anoint

v. to apply oil or some other substance to something or someone as part of a religious or ceremonial act; to

smear or rub with oil or a similar substance as a form of treatment or protection; to designate or appoint someone for a special mission or duty

synonym : bless, consecrate, sanctify

(1) **anoint** with oil, (2) **anoint** him as king

The priest will **anoint** the sick with holy oil in hopes of a speedy recovery.

Alzheimer

n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

synonym : dementia, memory loss, cognitive decline

(1) **Alzheimer's** brain, (2) **Alzheimer's** risk factors

My grandmother has **Alzheimer's** disease requires special care and attention from her caregivers.

Session 2: Spelling

- | | |
|--------------------------------|---|
| 1. cro_____ing apps | <i>n.</i> the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet |
| 2. in_____t ancestral property | <i>v.</i> to receive money, property, or a title from someone after they have died |
| 3. pe_____te a cell | <i>v.</i> to pass into or through something, often by overcoming resistance |
| 4. pr____l growth | <i>v.</i> to move, drive or push something forward or in a particular direction, often with a lot of force |
| 5. bu__e the shelf | <i>v.</i> to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something |
| 6. chemical tr__t | <i>n.</i> a particular feature of your nature |
| 7. ret_____oma gene | <i>n.</i> a rare type of malignant tumor that develops in the retina of the eye, primarily affecting young children, characterized by abnormal cell growth and can lead to vision loss or other eye-related complications if left untreated |
| 8. aut_____ip of the document | <i>n.</i> the fact or condition of being the person who wrote a particular work; |
| 9. modern on_____gy treatment | <i>n.</i> the branch of medicine that deals with the study and treatment of tumors, especially malignancies |

ANSWERS: 1. crowdsourcing, 2. inherit, 3. penetrate, 4. propel, 5. budge, 6. trait, 7. retinoblastoma, 8. authorship, 9. oncology

10. Al_____er's brain *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
11. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
12. cotton s__b *n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface
13. from a cl_____an's perspective *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
14. ability to de___e the differences *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
15. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
16. as___e businessman *adj.* having the ability to assess situations or people accurately and to act accordingly; mentally sharp or clever; showing practical wisdom or shrewdness
17. traditional me_____al *adj.* of or relating to the treatment or cure of disease
18. ret_____oma tumor *n.* a rare type of malignant tumor that develops in the retina of the eye, primarily affecting young children, characterized by abnormal cell growth and can lead to vision loss or other eye-related complications if left untreated

ANSWERS: 10. Alzheimer, 11. resilient, 12. swab, 13. clinician, 14. decode, 15. medicinal, 16. astute, 17. medicinal, 18. retinoblastoma

19. on____gy center *n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
20. pe_____te quickly into the skin *v.* to pass into or through something, often by overcoming resistance
21. in_____t estate *v.* to receive money, property, or a title from someone after they have died
22. an____t him as king *v.* to apply oil or some other substance to something or someone as part of a religious or ceremonial act; to smear or rub with oil or a similar substance as a form of treatment or protection; to designate or appoint someone for a special mission or duty
23. pl_____ting sales *v.* to fall or drop suddenly and steeply; to decline rapidly or sharply
24. pr____l the ship *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
25. de_____er code *v.* to read or understand something that is written in code or in a difficult or obscure way
26. de____e a message *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
27. experienced cl_____an *n.* a practitioner, especially of medicine or psychology, who has direct contact with patients

ANSWERS: 19. oncology, 20. penetrate, 21. inherit, 22. anoint, 23. plummet, 24. propel, 25. decipher, 26. decode, 27. clinician

28. a book of doubtful aut_____ip *n.* the fact or condition of being the person who wrote a particular work;
29. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions
30. ins_____ize a system *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
31. alcohol s__b *n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface
32. as___e decision-making *adj.* having the ability to assess situations or people accurately and to act accordingly; mentally sharp or clever; showing practical wisdom or shrewdness
33. an___t with oil *v.* to apply oil or some other substance to something or someone as part of a religious or ceremonial act; to smear or rub with oil or a similar substance as a form of treatment or protection; to designate or appoint someone for a special mission or duty
34. de_____er message *v.* to read or understand something that is written in code or in a difficult or obscure way
35. personality tr__ts *n.* a particular feature of your nature
36. cro_____ing in climate policy *n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet

ANSWERS: 28. authorship, 29. resilient, 30. institutionalize, 31. swab, 32. astute, 33. anoint, 34. decipher, 35. trait, 36. crowdsourcing

37. bu__e an inch *v.* to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something
38. pl____t against other major currencies *v.* to fall or drop suddenly and steeply; to decline rapidly or sharply
39. Al_____er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
40. ins_____ize customary laws *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

ANSWERS: 37. budge, 38. plummet, 39. Alzheimer, 40. institutionalize

Session 3: Fill in the Blanks

1. The company used this _____ platform to gather ideas for its next product.
 - n.* the practice of obtaining needed services, ideas, or content by enlisting the services of a large number of people, either paid or unpaid, typically via the internet

2. Early detection and treatment of _____ can save both vision and lives.
 - n.* a rare type of malignant tumor that develops in the retina of the eye, primarily affecting young children, characterized by abnormal cell growth and can lead to vision loss or other eye-related complications if left untreated

3. The stock prices have _____ in the last hour, causing concern for investors.
 - v.* to fall or drop suddenly and steeply; to decline rapidly or sharply

4. He took a _____ of his ear.
 - n.* a small piece of soft material used by a doctor, nurse, etc., for cleaning a cut or taking a sample from somebody's body for testing; (verb) apply, usually a liquid, to a surface

5. His _____ observation allowed him to catch the mistake before anyone else did.
 - adj.* having the ability to assess situations or people accurately and to act accordingly; mentally sharp or clever; showing practical wisdom or shrewdness

6. No matter how hard I tried, I couldn't _____ the heavy couch from its place in the room.
 - v.* to move or shift slightly, particularly with effort or resistance; to make or cause a slight change in something

ANSWERS: 1. crowdsourcing, 2. retinoblastoma, 3. plummeted, 4. swab, 5. astute, 6. budge

7. She is a _____ person and has always bounced back from setbacks.
adj. able to withstand or recover quickly from difficult conditions
8. After his death, his sons _____ his business.
v. to receive money, property, or a title from someone after they have died
9. My grandmother has _____ disease requires special care and attention from her caregivers.
n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
10. He spent hours trying to _____ the ancient text.
v. to read or understand something that is written in code or in a difficult or obscure way
11. Western ideology slowly _____ through the eastern countries.
v. to pass into or through something, often by overcoming resistance
12. An increase in employment helps _____ economic growth.
v. to move, drive or push something forward or in a particular direction, often with a lot of force
13. The software could _____ the encrypted data and reveal the hidden information.
v. to convert something, such as a message or piece of information, from a specific form into one that you can understand
14. He took credit for the book's _____ but later it was revealed that he had plagiarized it.
n. the fact or condition of being the person who wrote a particular work;

ANSWERS: 7. resilient, 8. inherited, 9. Alzheimer's, 10. decipher, 11. penetrates, 12. propel, 13. decode, 14. authorship,

15. Multiple genes may influence behavioral _____ concurrently.
- n.* a particular feature of your nature
16. Some _____ believe that psychological characteristics alone may cause mental disorders.
- n.* a practitioner, especially of medicine or psychology, who has direct contact with patients
17. The priest will _____ the sick with holy oil in hopes of a speedy recovery.
- v.* to apply oil or some other substance to something or someone as part of a religious or ceremonial act; to smear or rub with oil or a similar substance as a form of treatment or protection; to designate or appoint someone for a special mission or duty
18. The new policy aims to _____ the use of renewable energy sources.
- v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
19. The pharmaceutical company unveiled its latest breakthrough drug for the _____ market.
- n.* the branch of medicine that deals with the study and treatment of tumors, especially malignancies
20. The _____ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease

ANSWERS: 15. traits, 16. clinicians, 17. anoint, 18. institutionalize, 19. oncology, 20. medicinal