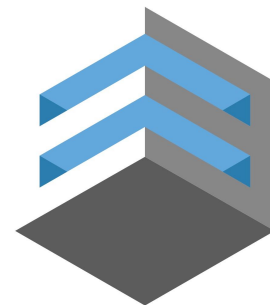


Englist.me



Vocabulary Builder Reference from...

Richard E. Cytowic: What color is Tuesday?

Exploring synesthesia | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

swirl

v. to move in a circular or spiral pattern

synonym: spin, whirl, turn

(1) **swirl** the wine, (2) **swirl** up dirt and dust

The chef expertly **swirled** the sauce onto the plate.

synesthesia

n. a condition in which stimulation of one sensory or cognitive pathway leads to automatic and involuntary experiences in another pathway; for example, seeing specific colors when hearing certain sounds or experiencing tastes or smells when seeing certain shapes

synonym: cross-sensory perception, sensory merger, blending of senses

(1) auditory **synesthesia**, (2) **synesthesia** effect

The artist's paintings were inspired by her **synesthesia**, where she saw music as a visual medium.

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.

anesthesia

n. a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

(1) **anesthesia** for surgery, (2) local **anesthesia**

He is in general **anesthesia** under the surgeon.

grapheme

n. the smallest unit of a writing system, representing one phoneme; a letter or symbol used in written language

synonym: character, letter, symbol

(1) **grapheme** cluster, (2) written **grapheme**

In English, each letter represents a distinct **grapheme**.

numeral

n. a symbol or written character that represents a number, typically used in counting or calculation; a digit or figure

synonym: digit, number, figure

(1) **numeral** system, (2) decimal **numeral**

She struggled to read the Roman **numeral** on the clock.

punctuate

v. to insert punctuation marks (= comma, period, colon, etc.) in the text; to interrupt periodically

synonym: emphasize, accent, mark

(1) **punctuate** a sentence, (2) **punctuate** his talk

Strikes had also **punctuated** the preceding weeks.

sporty

adj. having a stylish, athletic, or active appearance or character

synonym: athletic, active, stylish

(1) **sporty** car, (2) **sporty** outfit

The new car has a **sporty** design and a powerful engine, making it fun to drive on winding roads.

elitist

adj. believing or showing the belief that some people are naturally superior to others and, therefore, should have more power and privilege

synonym: exclusive, superior

(1) **elitist** mentality, (2) **elitist** mindset

His **elitist** attitude made it difficult for him to work with people from different backgrounds.

phoneme

n. the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics

synonym : sound, speech unit

(1) **phoneme** sequences, (2) consonant **phoneme**

The **phoneme** discrimination task revealed that she had difficulty differentiating between certain sounds.

sausage

n. a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices

synonym : bratwurst, wurst, frankfurter

(1) beef **sausage**, (2) German **sausage**

The mother sliced off a piece of **sausage**.

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.

endow

v. to give a quality, ability, or asset to a person or institution

synonym : finance, subsidize, support

(1) **endow** him with the power, (2) **endow** the scholarship

Some people believe that human is **endowed** with reason and capable of distinguishing good from evil.

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.

propensity

n. a natural inclination, preference, or tendency toward a particular activity, behavior, or opinion

synonym: tendency, inclination, disposition

(1) **propensity** for violence, (2) **propensity** to procrastinate
His **propensity** for lying caused him to lose many friends.

hyperconnected

adj. having multiple, complex links or relationships between different people, objects, or systems

synonym: highly connected, fully connected

(1) **hyperconnected** network, (2) **hyperconnected** technology

The world has become increasingly **hyperconnected**, with the internet and social media playing a significant role in communication and information exchange.

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.

artifact

n. a person-made object, especially one of historical or cultural interest

synonym: antique, relic, heirloom

(1) paleolithic **artifacts**, (2) Peruvian **artifacts**

The museum has a vast collection of Greek **artifacts**.

spinach

n. a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger

(1) **spinach** salad, (2) frozen **spinach**

Fresh **spinach** is a good source of vitamins and minerals.

lobe

n. a rounded projection or division, especially of the brain, lung, or liver

synonym : part, section, division

(1) **lobe** of the liver, (2) frontal **lobe**

The lungs are divided into five **lobes**.

dissimilar

adj. not alike or having little in common

synonym : unlike, different, distinct

(1) **dissimilar** cultures, (2) **dissimilar** backgrounds

The two paintings were **dissimilar** in style and subject matter.

ventriloquist

n. a performer who entertains by making their voice appear to come from somewhere else, often through the use of a dummy or puppet

synonym : puppeteer, voice thrower

(1) **ventriloquist** dummy, (2) **ventriloquist** act

The famous **ventriloquist** used his puppet to tell jokes and entertain the audience.

inwardly

adv. in one's inner thoughts, feelings, emotions, or mental states; about one's internal or subjective experience

synonym : internally, inward, inside

(1) protest **inwardly**, (2) **inwardly** happy

She **inwardly** wished that she had prepared more for the exam.

crosstalk

n. interference or disturbance in electronic systems caused by signals or currents from adjacent or nearby elements or circuits; the phenomenon where one cellular signaling pathway influences or interferes with another

synonym : disturbance, cross-interference, XT

(1) molecular **crosstalk**, (2) the **crosstalk** between the two political factions

The interference during the phone call was due to **crosstalk** from nearby electrical wires.

Session 2: Spelling

1. written gr____me
n. the smallest unit of a writing system, representing one phoneme; a letter or symbol used in written language
2. the cr____lk between the two political factions
n. interference or disturbance in electronic systems caused by signals or currents from adjacent or nearby elements or circuits; the phenomenon where one cellular signaling pathway influences or interferes with another
3. dis____ar backgrounds
adj. not alike or having little in common
4. in____ly happy
adv. in one's inner thoughts, feelings, emotions, or mental states; about one's internal or subjective experience
5. in____t ancestral property
v. to receive money, property, or a title from someone after they have died
6. paleolithic ar____cts
n. a person-made object, especially one of historical or cultural interest
7. 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
8. el____t mentality
adj. believing or showing the belief that some people are naturally superior to others and, therefore, should have more power and privilege
9. ph____e sequences
n. the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics

ANSWERS: 1. grapheme, 2. crosstalk, 3. dissimilar, 4. inwardly, 5. inherit, 6. artifact, 7. neuron, 8. elitist, 9. phoneme

10. ane_____ia for surgery *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
11. syn_____ia effect *n.* a condition in which stimulation of one sensory or cognitive pathway leads to automatic and involuntary experiences in another pathway; for example, seeing specific colors when hearing certain sounds or experiencing tastes or smells when seeing certain shapes
12. ven_____ist act *n.* a performer who entertains by making their voice appear to come from somewhere else, often through the use of a dummy or puppet
13. dis_____ar cultures *adj.* not alike or having little in common
14. hyp_____ted technology *adj.* having multiple, complex links or relationships between different people, objects, or systems
15. hyp_____ted network *adj.* having multiple, complex links or relationships between different people, objects, or systems
16. en__w him with the power *v.* to give a quality, ability, or asset to a person or institution
17. personality tr__ts *n.* a particular feature of your nature
18. sp___y car *adj.* having a stylish, athletic, or active appearance or character
19. l__e of the liver *n.* a rounded projection or division, especially of the brain, lung, or liver

ANSWERS: 10. anesthesia, 11. synesthesia, 12. ventriloquist, 13. dissimilar, 14. hyperconnected, 15. hyperconnected, 16. endow, 17. trait, 18. sporty, 19. lobe

20. nu____l system *n.* a symbol or written character that represents a number, typically used in counting or calculation; a digit or figure
21. sw__l up dirt and dust *v.* to move in a circular or spiral pattern
22. sp____y outfit *adj.* having a stylish, athletic, or active appearance or character
23. sp____h salad *n.* a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger
24. pro_____ty to procrastinate *n.* a natural inclination, preference, or tendency toward a particular activity, behavior, or opinion
25. fever with neu_____cal signs *adj.* of or relating to the science of neurology or the nervous system
26. protest in_____ly *adv.* in one's inner thoughts, feelings, emotions, or mental states; about one's internal or subjective experience
27. beef sa_____e *n.* a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
28. sw__l the wine *v.* to move in a circular or spiral pattern
29. el_____t mindset *adj.* believing or showing the belief that some people are naturally superior to others and, therefore, should have more power and privilege

ANSWERS: 20. numeral, 21. swirl, 22. sporty, 23. spinach, 24. propensity, 25. neurological, 26. inwardly, 27. sausage, 28. swirl, 29. elitist

30. in_____t estate *v.* to receive money, property, or a title from someone after they have died
31. frozen sp_____h *n.* a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger
32. pu_____te his talk *v.* to insert punctuation marks (= comma, period, colon, etc.) in the text; to interrupt periodically
33. pro_____ty for violence *n.* a natural inclination, preference, or tendency toward a particular activity, behavior, or opinion
34. Peruvian ar_____cts *n.* a person-made object, especially one of historical or cultural interest
35. German sa_____e *n.* a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
36. frontal l_____e *n.* a rounded projection or division, especially of the brain, lung, or liver
37. consonant ph_____e *n.* the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics
38. molecular cr_____lk *n.* interference or disturbance in electronic systems caused by signals or currents from adjacent or nearby elements or circuits; the phenomenon where one cellular signaling pathway influences or interferes with another

ANSWERS: 30. inherit, 31. spinach, 32. punctuate, 33. propensity, 34. artifact, 35. sausage, 36. lobe, 37. phoneme, 38. crosstalk

39. 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
40. ven_____ist dummy *n.* a performer who entertains by making their voice appear to come from somewhere else, often through the use of a dummy or puppet
41. auditory syn_____ia *n.* a condition in which stimulation of one sensory or cognitive pathway leads to automatic and involuntary experiences in another pathway; for example, seeing specific colors when hearing certain sounds or experiencing tastes or smells when seeing certain shapes
42. pu_____te a sentence *v.* to insert punctuation marks (= comma, period, colon, etc.) in the text; to interrupt periodically
43. local ane_____ia *n.* a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes
44. en__w the scholarship *v.* to give a quality, ability, or asset to a person or institution
45. decimal nu_____l *n.* a symbol or written character that represents a number, typically used in counting or calculation; a digit or figure
46. gr_____me cluster *n.* the smallest unit of a writing system, representing one phoneme; a letter or symbol used in written language
47. neu_____cal symptoms *adj.* of or relating to the science of neurology or the nervous system

ANSWERS: 39. neuron, 40. ventriloquist, 41. synesthesia, 42. punctuate, 43. anesthesia, 44. endow, 45. numeral, 46. grapheme, 47. neurological

48. chemical tr__t

n. a particular feature of your nature

ANSWERS: 48. trait

Session 3: Fill in the Blanks

1. The museum has a vast collection of Greek _____.
n. a person-made object, especially one of historical or cultural interest

2. The world has become increasingly _____ with the internet and social media playing a significant role in communication and information exchange.
adj. having multiple, complex links or relationships between different people, objects, or systems

3. She _____ wished that she had prepared more for the exam.
adv. in one's inner thoughts, feelings, emotions, or mental states; about one's internal or subjective experience

4. Fresh _____ is a good source of vitamins and minerals.
n. a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger

5. He is in general _____ under the surgeon.
n. a state of controlled, temporary loss of bodily sensation or awareness that is induced for medical purposes

6. His _____ attitude made it difficult for him to work with people from different backgrounds.
adj. believing or showing the belief that some people are naturally superior to others and, therefore, should have more power and privilege

7. Some people believe that human is _____ with reason and capable of distinguishing good from evil.
v. to give a quality, ability, or asset to a person or institution

ANSWERS: 1. artifacts, 2. hyperconnected, 3. inwardly, 4. spinach, 5. anesthesia, 6. elitist, 7. endowed

8. She struggled to read the Roman _____ on the clock.
- n.* a symbol or written character that represents a number, typically used in counting or calculation; a digit or figure
9. 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
10. In English, each letter represents a distinct _____.
- n.* the smallest unit of a writing system, representing one phoneme; a letter or symbol used in written language
11. The mother sliced off a piece of _____.
- n.* a type of meat product usually made from pork, beef, or poultry, chopped into small pieces, put in a long tube of skin, then cooked or served cold in thin slices
12. After his death, his sons _____ his business.
- v.* to receive money, property, or a title from someone after they have died
13. The artist's paintings were inspired by her _____ where she saw music as a visual medium.
- n.* a condition in which stimulation of one sensory or cognitive pathway leads to automatic and involuntary experiences in another pathway; for example, seeing specific colors when hearing certain sounds or experiencing tastes or smells when seeing certain shapes
14. Multiple genes may influence behavioral _____ concurrently.
- n.* a particular feature of your nature
15. Strikes had also _____ the preceding weeks.
- v.* to insert punctuation marks (= comma, period, colon, etc.) in the text; to interrupt periodically

ANSWERS: 8. numeral, 9. neuron, 10. grapheme, 11. sausage, 12. inherited, 13. synesthesia, 14. traits, 15. punctuated

16. The patient was diagnosed with a _____ disorder affecting their motor skills.

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

17. The new car has a _____ design and a powerful engine, making it fun to drive on winding roads.

adj. having a stylish, athletic, or active appearance or character

18. The two paintings were _____ in style and subject matter.

adj. not alike or having little in common

19. The interference during the phone call was due to _____ from nearby electrical wires.

n. interference or disturbance in electronic systems caused by signals or currents from adjacent or nearby elements or circuits; the phenomenon where one cellular signaling pathway influences or interferes with another

20. The _____ discrimination task revealed that she had difficulty differentiating between certain sounds.

n. the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics

21. His _____ for lying caused him to lose many friends.

n. a natural inclination, preference, or tendency toward a particular activity, behavior, or opinion

22. The lungs are divided into five _____.

n. a rounded projection or division, especially of the brain, lung, or liver

23. The chef expertly _____ the sauce onto the plate.

v. to move in a circular or spiral pattern

ANSWERS: 16. neurological, 17. sporty, 18. dissimilar, 19. crosstalk, 20. phoneme, 21. propensity, 22. lobes, 23. swirled

24. The famous _____ used his puppet to tell jokes and entertain the audience.

- n.* a performer who entertains by making their voice appear to come from somewhere else, often through the use of a dummy or puppet

ANSWERS: 24. ventriloquist