

Englist.me



Vocabulary Builder Reference from...

Joe Lassiter: We need nuclear power to solve climate change | TED Talk

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

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

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym : wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

empathy

n. the ability to share another person's feelings or experiences by imagining that person's situation

synonym : compassion, sympathy, tenderness

(1) full of **empathy**, (2) **empathy** for patients

Empathy is also necessary to understand history.

stagnant

adj. not flowing or circulating; standing still; stagnant water

synonym : still, stagnant, unmoving

(1) **stagnant** car sales, (2) **stagnant** economy

The **stagnant** water in the pond is a breeding ground for mosquitoes.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

gigaton

n. a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons

(1) **gigaton-class** bomb, (2) half a **gigaton** of CO₂

The earthquake that hit the Pacific Ocean last night is said to have released about 30 **gigatons** of energy.

diffuse

adj. spread out widely; not concentrated in one place

synonym: spread, scatter

(1) **diffuse** bleeding, (2) **diffuse** cloud

Direct lighting is preferable to **diffuse** lighting when reading.

acidification

n. the act or process of becoming acid or making something become acid

(1) **acidification** of soil, (2) stream **acidification**

Ocean **acidification** leads to a decrease in tiny sea snails.

frack

v. to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them

synonym: extract, drill, mine

(1) **frack** the land, (2) **frack** multiple wells

The energy company plans to **frack** the shale deposit to extract natural gas.

shale

n. a sedimentary rock formed from the accumulation of fine-grained clay, silt, or mud, often used in construction or as a source of fuel

synonym: rock, sedimentary rock

(1) **shale** rock, (2) **shale** gas

The geologist studied the **shale** layers in the rock formations to determine their age.

entanglement

n. involvement in a complicated or difficult situation; a tangled mass

synonym: snarl, tangle, knot

(1) **entanglement** in conflict, (2) romantic **entanglement**

The **entanglement** of the fishing net was making it difficult for the whales to swim.

hoe

n. a garden tool with a flat blade attached at right angles to a long handle

(1) garden **hoe**, (2) weeding **hoe**

She purchased a **hoe** and a sickle for a backyard vegetable garden.

electrification

n. the process of installing electrical equipment or infrastructure, especially in a place that previously only had non-electrical equipment or infrastructure; the act of supplying electrical energy to an object or system, causing it to become electrically charged;

(1) railway **electrification**, (2) **electrification** current

The village was excited about the **electrification** of their community, which would bring light to their homes.

urbanize

v. to make an area more urban in character or nature, often through the development and expansion of cities or towns

synonym: develop, modernize, city-build

(1) **urbanize** a region, (2) **urbanize** transportation systems

The government plans to **urbanize** the rural area by building more housing units and improving transportation infrastructure.

sew

v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle

synonym: stitch, darn, tailor

(1) **sew** with thread, (2) **sew** a button

My mother taught me how to **sew**.

outdo

v. to do better than someone; to surpass

synonym: excel, surpass, outshine

(1) **outdo** him in trickery, (2) **outdo** the competition

He tried to **outdo** his rival by breaking the world record.

append

v. to add or attach something, especially supplementary or additional information or material, to the end or after something else; to include or incorporate as an addition or enhancement

synonym: attach, add, affix

(1) **append** a record, (2) **append** a page

I need to **append** the additional information to the end of the report before submitting it.

hydro

n. a prefix denoting water or relating to water, usually used in scientific or technical terminology

synonym: water, aqua, liquid

(1) **hydro** power, (2) **hydro** turbine

The **hydro** plant generates electricity by harnessing the power of water.

intermittent

adj. occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic

synonym: sporadic, irregular, periodic

(1) **intermittent** fever, (2) **intermittent** Wi-Fi

The **intermittent** rain made it difficult to plan a picnic.

mindset

n. the established set of attitudes or fixed ideas held by someone

synonym: attitude, ethos, mentality

(1) flexible **mindset**, (2) the **mindset** in an education system

Countries whose goal is economic development often focus on fostering an entrepreneurial **mindset** in each individual.

radiology

n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and

ultrasound to diagnose and treat diseases and injuries

synonym : medical imaging, radiography, radioscopy

(1) interventional **radiology**, (2) diagnostic **radiology**

The patient underwent a **radiology** scan to diagnose their medical condition.

Session 2: Spelling

1. el_____fy the audience
v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
2. stream aci_____ion
n. the act or process of becoming acid or making something become acid
3. st_____nt car sales
adj. not flowing or circulating; standing still; stagnant water
4. ent_____ent in conflict
n. involvement in a complicated or difficult situation; a tangled mass
5. full of em_____y
n. the ability to share another person's feelings or experiences by imagining that person's situation
6. s_w with thread
v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle
7. ur_____ze a region
v. to make an area more urban in character or nature, often through the development and expansion of cities or towns
8. ou__o him in trickery
v. to do better than someone; to surpass
9. ind_____us worker
adj. hardworking, diligent, and persistent in effort
10. ele_____ion current
n. the process of installing electrical equipment or infrastructure, especially in a place that previously only had non-electrical equipment or infrastructure; the act of supplying electrical energy to an object or system, causing it to become electrically charged;

ANSWERS: 1. electrify, 2. acidification, 3. stagnant, 4. entanglement, 5. empathy, 6. sew, 7. urbanize, 8. outdo, 9. industrious, 10. electrification

11. s_w a button *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
12. aci_____ion of soil *n.* the act or process of becoming acid or making something become acid
13. the mi_____t in an education system *n.* the established set of attitudes or fixed ideas held by someone
14. interventional ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
15. railway ele_____ion *n.* the process of installing electrical equipment or infrastructure, especially in a place that previously only had non-electrical equipment or infrastructure; the act of supplying electrical energy to an object or system, causing it to become electrically charged;
16. weeding h_e *n.* a garden tool with a flat blade attached at right angles to a long handle
17. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
18. romantic ent_____ent *n.* involvement in a complicated or difficult situation; a tangled mass
19. flexible mi_____t *n.* the established set of attitudes or fixed ideas held by someone

ANSWERS: 11. sew, 12. acidification, 13. mindset, 14. radiology, 15. electrification, 16. hoe, 17. electrify, 18. entanglement, 19. mindset

20. ind_____us student *adj.* hardworking, diligent, and persistent in effort
21. em_____y for patients *n.* the ability to share another person's feelings or experiences by imagining that person's situation
22. int_____ent fever *adj.* occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic
23. ap____d a record *v.* to add or attach something, especially supplementary or additional information or material, to the end or after something else; to include or incorporate as an addition or enhancement
24. ur_____ze transportation systems *v.* to make an area more urban in character or nature, often through the development and expansion of cities or towns
25. half a gi_____n of CO2 *n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons
26. ap____d a page *v.* to add or attach something, especially supplementary or additional information or material, to the end or after something else; to include or incorporate as an addition or enhancement
27. di_____e bleeding *adj.* spread out widely; not concentrated in one place
28. fr__k the land *v.* to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them

ANSWERS: 20. industrious, 21. empathy, 22. intermittent, 23. append, 24. urbanize, 25. gigaton, 26. append, 27. diffuse, 28. frack

29. st____nt economy *adj.* not flowing or circulating; standing still; stagnant water
30. int_____ent Wi-Fi *adj.* occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic
31. sh__e rock *n.* a sedimentary rock formed from the accumulation of fine-grained clay, silt, or mud, often used in construction or as a source of fuel
32. diagnostic ra_____gy *n.* the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
33. garden h_e *n.* a garden tool with a flat blade attached at right angles to a long handle
34. ou__o the competition *v.* to do better than someone; to surpass
35. fr__k multiple wells *v.* to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them
36. sh__e gas *n.* a sedimentary rock formed from the accumulation of fine-grained clay, silt, or mud, often used in construction or as a source of fuel
37. di_____e cloud *adj.* spread out widely; not concentrated in one place
38. hy__o turbine *n.* a prefix denoting water or relating to water, usually used in scientific or technical terminology

ANSWERS: 29. stagnant, 30. intermittent, 31. shale, 32. radiology, 33. hoe, 34. outdo, 35. frack, 36. shale, 37. diffuse, 38. hydro

39. hy__o power

n. a prefix denoting water or relating to water, usually used in scientific or technical terminology

40. gi_____n-class bomb

n. a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons

ANSWERS: 39. hydro, 40. gigaton

Session 3: Fill in the Blanks

1. She purchased a ____ and a sickle for a backyard vegetable garden.
n. a garden tool with a flat blade attached at right angles to a long handle
2. The _____ water in the pond is a breeding ground for mosquitoes.
adj. not flowing or circulating; standing still; stagnant water
3. The energy company plans to _____ the shale deposit to extract natural gas.
v. to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them
4. My mother taught me how to _____.
v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle
5. Ocean _____ leads to a decrease in tiny sea snails.
n. the act or process of becoming acid or making something become acid
6. The government plans to _____ the rural area by building more housing units and improving transportation infrastructure.
v. to make an area more urban in character or nature, often through the development and expansion of cities or towns
7. The _____ of the fishing net was making it difficult for the whales to swim.
n. involvement in a complicated or difficult situation; a tangled mass
8. The product developed through years of research continues to _____ the market.
v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 1. hoe, 2. stagnant, 3. frack, 4. sew, 5. acidification, 6. urbanize, 7. entanglement, 8. electrify

9. The patient underwent a _____ scan to diagnose their medical condition.
n. the branch of medicine that uses medical imaging technologies such as X-rays, CT scans, MRIs, and ultrasound to diagnose and treat diseases and injuries
10. The earthquake that hit the Pacific Ocean last night is said to have released about 30 _____ of energy.
n. a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons
11. Countries whose goal is economic development often focus on fostering an entrepreneurial _____ in each individual.
n. the established set of attitudes or fixed ideas held by someone
12. The geologist studied the _____ layers in the rock formations to determine their age.
n. a sedimentary rock formed from the accumulation of fine-grained clay, silt, or mud, often used in construction or as a source of fuel
13. The _____ rain made it difficult to plan a picnic.
adj. occurring at irregular intervals; not continuous or steady; stopping and starting periodically; sporadic
14. The village was excited about the _____ of their community, which would bring light to their homes.
n. the process of installing electrical equipment or infrastructure, especially in a place that previously only had non-electrical equipment or infrastructure; the act of supplying electrical energy to an object or system, causing it to become electrically charged;
15. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort

ANSWERS: 9. radiology, 10. gigatons, 11. mindset, 12. shale, 13. intermittent, 14. electrification, 15. industrious

16. He tried to _____ his rival by breaking the world record.

v. to do better than someone; to surpass

17. _____ is also necessary to understand history.

n. the ability to share another person's feelings or experiences by imagining that person's situation

18. I need to _____ the additional information to the end of the report before submitting it.

v. to add or attach something, especially supplementary or additional information or material, to the end or after something else; to include or incorporate as an addition or enhancement

19. The _____ plant generates electricity by harnessing the power of water.

n. a prefix denoting water or relating to water, usually used in scientific or technical terminology

20. Direct lighting is preferable to _____ lighting when reading.

adj. spread out widely; not concentrated in one place

ANSWERS: 16. outdo, 17. Empathy, 18. append, 19. hydro, 20. diffuse