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Vocabulary Builder Reference from...

Sanjay Dastoor: A skateboard, with a boost | TED Talk

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

All Words

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Session 1: Word List

weigh

v. to have a particular weight; to carefully evaluate things before making a conclusion

synonym : consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo

The baby **weighs** 1 pound 3 oz.

norm

n. something that is regarded as usual, typical, or standard

synonym : criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

outlet

n. a means of release or expression, often for emotions or energy; a place of business that sells goods directly to customers; a device or opening through which something can flow out

synonym : opening, vent, aperture

(1) an **outlet** for water, (2) media **outlet**

The **outlet** in the bathroom was faulty, so I had to use a different one for my hair dryer.

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.

motorcycle

n. a two-wheeled vehicle that is driven by an engine and has no pedals

synonym: bike, motor

(1) **motorcycle** gangster, (2) electric **motorcycle**

He had his **motorcycle** license revoked for drunken driving.

perspective

n. a confident attitude toward something; a particular style of thinking about something

synonym: viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

novel

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

synonym: fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

concept

n. an idea or principle associated with something abstract

synonym: idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

motor

n. a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

synonym: actuator, engine, machine

(1) a **motor** mechanic, (2) DC **motor** control

Energy-efficient **motors** are needed to maximize the cruising

distance of electric vehicles.

battery

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

synonym: electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

component

n. one of several parts that combines with others to form something bigger

synonym: element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

toy

n. a thing, typically a small model or replica of something that is played with, especially by children

synonym: plaything, game, trinket

(1) **toy** store, (2) **toy** box

He gave his daughter a new **toy** for her birthday.

portable

adj. easily moved or carried; able to be transported from one location to another

synonym: movable, transportable, convenient

(1) **portable** charger, (2) **portable** gas stove

The **portable** generator was essential during the camping trip.

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

uphill

adj. sloping upward; difficult or challenging; (adverb) upward on a hill or slope

synonym: skyward, ascending, difficult

(1) an **uphill** road, (2) an **uphill** task
The road is **uphill** for a while.

regenerative

adj. tending to regrow or restore lost or injured tissue
synonym: rejuvenating, restorative, healing

(1) **regenerative** medicine, (2) **regenerative** therapy
The **regenerative** properties of stem cells make them a promising area of research.

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.

handheld

adj. designed to be held in one hand; portable, and compact enough to be carried or used on the go

synonym: portable, mobile, compact

(1) **handheld** device, (2) **handheld** camera
The technician used a **handheld** tool to fix the machine.

acceleration

n. a rate of increase in velocity; the rate of change of velocity with respect to time

synonym: speed up, quicken, hastening

(1) a unit of **acceleration**, (2) **acceleration** of an object
The car's **acceleration** was impressive, going from 0 to 60 mph in just 5 seconds.

brake

n. a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels

synonym: damper, restraint, check

(1) apply the **brake**, (2) **brake** pedal
The results of that election put a **brake** on political reform.

reverse

v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or

moving toward the rear

synonym : overturn, shift, switch

(1) **reverse** the trend, (2) **reverse** the order

The restaurant **reversed** a ban on smoking.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

compelling

adj. arousing strong and irresistible interest, attention, or admiration

synonym : tempting, captivating, influential

(1) tell a **compelling** story, (2) new and **compelling** evidence

His **compelling** presentation deeply moved everyone.

footprint

n. a mark of a foot, shoe, or animal's foot left on a surface

synonym : footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

transport

n. a system for moving people or products from one location to another using automobiles, roads, and so on

synonym : shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

sustainable

adj. able to continue or be continued for a long time

synonym : continuable, endurable, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

Session 2: Spelling

1. a dry ba____y
n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
2. ha____ld device
adj. designed to be held in one hand; portable, and compact enough to be carried or used on the go
3. key co____nt
n. one of several parts that combines with others to form something bigger
4. t_y box
n. a thing, typically a small model or replica of something that is played with, especially by children
5. in____ct directly with customers
v. to communicate or react with somebody
6. ha____ld camera
adj. designed to be held in one hand; portable, and compact enough to be carried or used on the go
7. re____e the order
v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear
8. an ou____t for water
n. a means of release or expression, often for emotions or energy; a place of business that sells goods directly to customers; a device or opening through which something can flow out
9. historical no__l
n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

ANSWERS: 1. battery, 2. handheld, 3. component, 4. toy, 5. interact, 6. handheld, 7. reverse, 8. outlet, 9. novel

10. 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
11. ba_____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
12. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
13. co_____t car *n.* an idea or principle associated with something abstract
14. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
15. made a great ma_____er *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
16. po_____le gas stove *adj.* easily moved or carried; able to be transported from one location to another
17. cultural n__m *n.* something that is regarded as usual, typical, or standard
18. new and com_____ng evidence *adj.* arousing strong and irresistible interest, attention, or admiration
19. t_y store *n.* a thing, typically a small model or replica of something that is played with, especially by children
20. re_____e the trend *v.* to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 10. electrify, 11. battery, 12. transport, 13. concept, 14. novel, 15. maneuver, 16. portable, 17. norm, 18. compelling, 19. toy, 20. reverse

21. electric mot_____le *n.* a two-wheeled vehicle that is driven by an engine and has no pedals
22. an up____l road *adj.* sloping upward; difficult or challenging; (adverb) upward on a hill or slope
23. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
24. a mo__r mechanic *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
25. we__h heavily on stock prices *v.* to have a particular weight; to carefully evaluate things before making a conclusion
26. DC mo__r control *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
27. a per_____ve view *n.* a confident attitude toward something; a particular style of thinking about something
28. the per_____ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
29. br__e pedal *n.* a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
30. mot_____le gangster *n.* a two-wheeled vehicle that is driven by an engine and has no pedals
31. n__m of action *n.* something that is regarded as usual, typical, or standard

ANSWERS: 21. motorcycle, 22. uphill, 23. footprint, 24. motor, 25. weigh, 26. motor, 27. perspective, 28. perspective, 29. brake, 30. motorcycle, 31. norm

32. a unit of acc_____ion *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
33. learn new co_____ts *n.* an idea or principle associated with something abstract
34. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
35. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
36. reg_____ive medicine *adj.* tending to regrow or restore lost or injured tissue
37. we__h a cargo *v.* to have a particular weight; to carefully evaluate things before making a conclusion
38. reg_____ive therapy *adj.* tending to regrow or restore lost or injured tissue
39. in_____ct with one another *v.* to communicate or react with somebody
40. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
41. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
42. apply the br__e *n.* a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
43. inc_____le amount *adj.* unbelievable; enormous
44. at inc_____le speed *adj.* unbelievable; enormous
45. tell a com_____ng story *adj.* arousing strong and irresistible interest, attention, or admiration

ANSWERS: 32. acceleration, 33. concept, 34. sustainable, 35. footprint, 36. regenerative, 37. weigh, 38. regenerative, 39. interact, 40. component, 41. transport, 42. brake, 43. incredible, 44. incredible, 45. compelling

46. acc_____ion of an object *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
47. media ou____t *n.* a means of release or expression, often for emotions or energy; a place of business that sells goods directly to customers; a device or opening through which something can flow out
48. political ma_____ers *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
49. an up____l task *adj.* sloping upward; difficult or challenging; (adverb) upward on a hill or slope
50. po_____le charger *adj.* easily moved or carried; able to be transported from one location to another
51. 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
52. principles of sus_____le development *adj.* able to continue or be continued for a long time

ANSWERS: 46. acceleration, 47. outlet, 48. maneuver, 49. uphill, 50. portable, 51. electrify, 52. sustainable

Session 3: Fill in the Blanks

1. The _____ has largely gotten positive feedback.
n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
2. The results of that election put a _____ on political reform.
n. a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
3. The engine did not start because the _____ was flat.
n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
4. The road is _____ for a while.
adj. sloping upward; difficult or challenging; (adverb) upward on a hill or slope
5. Her response revealed _____ idiocy.
adj. unbelievable; enormous
6. The researchers try to discover a common _____ in all types of successful organizations.
n. one of several parts that combines with others to form something bigger
7. He should _____ more with his colleagues.
v. to communicate or react with somebody
8. The restaurant _____ a ban on smoking.
v. to change something's direction, order, position, decision, etc., to the opposite one; (adjective) directed or moving toward the rear

ANSWERS: 1. novel, 2. brake, 3. battery, 4. uphill, 5. incredible, 6. component, 7. interact, 8. reversed

9. The government should do more to support environmentally _____ agriculture.

adj. able to continue or be continued for a long time

10. 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

11. His father's death changed his whole _____ on life.

n. a confident attitude toward something; a particular style of thinking about something

12. The technician used a _____ tool to fix the machine.

adj. designed to be held in one hand; portable, and compact enough to be carried or used on the go

13. His _____ presentation deeply moved everyone.

adj. arousing strong and irresistible interest, attention, or admiration

14. One such rapidly growing _____ is quantum cryptography.

n. an idea or principle associated with something abstract

15. 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

16. He gave his daughter a new ____ for her birthday.

n. a thing, typically a small model or replica of something that is played with, especially by children

ANSWERS: 9. sustainable, 10. maneuver, 11. perspective, 12. handheld, 13. compelling, 14. concept, 15. electrify, 16. toy

17. The _____ in the bathroom was faulty, so I had to use a different one for my hair dryer.
- n.* a means of release or expression, often for emotions or energy; a place of business that sells goods directly to customers; a device or opening through which something can flow out
18. The systems we have developed has accepted as industry _____.
- n.* something that is regarded as usual, typical, or standard
19. Enhanced rail _____ is crucial for our business.
- n.* a system for moving people or products from one location to another using automobiles, roads, and so on
20. The car's _____ was impressive, going from 0 to 60 mph in just 5 seconds.
- n.* a rate of increase in velocity; the rate of change of velocity with respect to time
21. The _____ properties of stem cells make them a promising area of research.
- adj.* tending to regrow or restore lost or injured tissue
22. The _____ generator was essential during the camping trip.
- adj.* easily moved or carried; able to be transported from one location to another
23. He had his _____ license revoked for drunken driving.
- n.* a two-wheeled vehicle that is driven by an engine and has no pedals
24. The baby _____ 1 pound 3 oz.
- v.* to have a particular weight; to carefully evaluate things before making a conclusion

ANSWERS: 17. outlet, 18. norms, 19. transportation, 20. acceleration, 21. regenerative, 22. portable, 23. motorcycle, 24. weighs

25. We choose transportation that has a smaller carbon _____.

n. a mark of a foot, shoe, or animal's foot left on a surface

26. Energy-efficient _____ are needed to maximize the cruising distance of electric vehicles.

n. a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

ANSWERS: 25. footprint, 26. motors