

Englist.me



Vocabulary Builder Reference from...

Reuben Margolin: Sculpting waves in wood and time | TED Talk

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

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

hexagon

n. a six-sided polygon with six angles and six sides of equal length

synonym: hexahedron, six-sided figure, six-gon

(1) **hexagon** head bolt, (2) **hexagon** pattern

The honeycomb structure of a beehive is made up of **hexagons**.

reed

n. a tall, slender-leaved plant that grows in water; a thin strip of wood or metal that vibrates to produce sound in certain musical instruments such as oboe, clarinet, and saxophone

synonym: cane, grass

(1) **reed** instrument, (2) a young bud of **reed**

The **reed** in the wind instrument needs to be replaced.

eddy

n. a circular current of water or air that flows in the opposite direction to the main current, causing a small whirlpool; a current of opinion, activity, or trend that goes against the main current

synonym: whirlpool, vortex, swirl

(1) **eddy** of water, (2) **eddy** of leaves

Unfortunately, the swirling **eddy** in the river made it difficult to swim.

paddle

n. a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance

synonym : oar, oarlock, scull

(1) **paddle** strokes, (2) canoe **paddle**

The **paddle** boarders glided across the crystal-clear waters of the cove.

raft

n. a flat structure, usually made of logs or planks, that can be used for transport or as a platform for swimmer

synonym : flatboat, boat, barge

(1) a **raft** for carrying horses, (2) a life **raft**

The rubber **raft** was swept out to sea.

pulley

n. a wheel or set of wheels with a grooved rim around which a cord or rope runs, used to change the direction or point of application of a force, especially to lift heavy objects

synonym : block and tackle, hoist, lift

(1) **pulley** system, (2) movable **pulley**

The construction worker used a fixed **pulley** to lift the heavy equipment to the top floor.

weave

v. to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

synonym : braid, unite, contrive

(1) **weave** on a loom, (2) **weave** a story

The girl **weaves** a garland for her friend.

reflector

n. a surface or object that reflects light, sound, or heat in a specific direction, often used to redirect or focus these elements toward a desired target or area

synonym : mirror

(1) **reflector** coating, (2) vehicle **reflector**

The cyclist wore a **reflector** vest to increase visibility on the road at night.

choreograph

v. to compose a sequence of dance steps, often to music

(1) **choreograph** a stage performance, (2) exquisitely **choreographed**

He had **choreographed** the dance in this play himself.

rehearsal

n. a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing

synonym: practice, run-through, drill

(1) dress **rehearsal**, (2) music **rehearsal**

The theater company had its final **rehearsal** before opening night.

helix

n. a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

synonym: coil, spiral, twist

(1) **helix** structure, (2) alpha **helix**

The DNA molecule is shaped like a double **helix**.

slat

n. a narrow, thin strip of wood, metal, or plastic, typically used as part of a larger structure or object

synonym: strip, bar, blade

(1) **slat** of light, (2) wooden **slat**

She opened the **slats** of the blinds to let some sunlight in.

dusk

n. the period of the day just before nightfall when the light begins to fade; the darker part of twilight

synonym: twilight, gloaming, sundown

(1) **dusk** sky, (2) **dusk** falls

The sky turned a beautiful orange hue at **dusk**.

stratus

n. a low-level cloud formation characterized by a uniform, featureless gray or white layer of clouds that often cover the entire sky and can bring light precipitation, such as mist or drizzle

synonym: cloud, layer, sheet

(1) **stratus** formation, (2) low **stratus** layer

The sky was covered in thick **stratus** clouds, creating a gloomy atmosphere.

condensation

n. the process by which water vapor in the air turns into a liquid when it comes into contact with a surface that is cooler than the air; the act of making something more concise or shorter

synonym: vaporization, evaporation, precipitation

(1) **condensation** nuclei, (2) **condensation** of ideas

The **condensation** on the window was a clear sign of the high humidity.

poke

v. to push or prod with a sharp object or the finger

synonym: prod, jab, push

(1) **poke** around the desk, (2) **poke** a fire

They **poked** fun at each other's jokes, laughing and teasing.

wavy

adj. characterized by a series of curves, undulations, or bends that create a rippled or serpentine appearance; not straight or flat

synonym: curly, undulating, rippled

(1) **wavy** pattern, (2) **wavy** sea

The model's hair was long and **wavy**, cascading down her back in soft waves.

evoke

v. to bring or recall a feeling, memory, or image into your mind

synonym: arouse, raise, inspire

(1) **evoke** a sense of awe, (2) **evoke** sympathy

This movie is likely to **evoke** strong emotions in the viewer.

Session 2: Spelling

- | | |
|-------------------------------|--|
| 1. con_____ion nuclei | <i>n.</i> the process by which water vapor in the air turns into a liquid when it comes into contact with a surface that is cooler than the air; the act of making something more concise or shorter |
| 2. a r__t for carrying horses | <i>n.</i> a flat structure, usually made of logs or planks, that can be used for transport or as a platform for swimmer |
| 3. we__e on a loom | <i>v.</i> to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them |
| 4. he__x structure | <i>n.</i> a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule |
| 5. canoe pa___e | <i>n.</i> a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance |
| 6. a life r__t | <i>n.</i> a flat structure, usually made of logs or planks, that can be used for transport or as a platform for swimmer |
| 7. st____s formation | <i>n.</i> a low-level cloud formation characterized by a uniform, featureless gray or white layer of clouds that often cover the entire sky and can bring light precipitation, such as mist or drizzle |
| 8. dress re_____al | <i>n.</i> a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing |

ANSWERS: 1. condensation, 2. raft, 3. weave, 4. helix, 5. paddle, 6. raft, 7. stratus, 8. rehearsal

9. p__e around the desk *v.* to push or prod with a sharp object or the finger
10. wooden s__t *n.* a narrow, thin strip of wood, metal, or plastic, typically used as part of a larger structure or object
11. re____or coating *n.* a surface or object that reflects light, sound, or heat in a specific direction, often used to redirect or focus these elements toward a desired target or area
12. a young bud of r__d *n.* a tall, slender-leaved plant that grows in water; a thin strip of wood or metal that vibrates to produce sound in certain musical instruments such as oboe, clarinet, and saxophone
13. w__y sea *adj.* characterized by a series of curves, undulations, or bends that create a rippled or serpentine appearance; not straight or flat
14. p__e a fire *v.* to push or prod with a sharp object or the finger
15. vehicle re____or *n.* a surface or object that reflects light, sound, or heat in a specific direction, often used to redirect or focus these elements toward a desired target or area
16. exquisitely cho____phed *v.* to compose a sequence of dance steps, often to music
17. r__d instrument *n.* a tall, slender-leaved plant that grows in water; a thin strip of wood or metal that vibrates to produce sound in certain musical instruments such as oboe, clarinet, and saxophone

ANSWERS: 9. poke, 10. slat, 11. reflector, 12. reed, 13. wavy, 14. poke, 15. reflector, 16. choreograph, 17. reed

18. we__e a story *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
19. w__y pattern *adj.* characterized by a series of curves, undulations, or bends that create a rippled or serpentine appearance; not straight or flat
20. con_____ion of ideas *n.* the process by which water vapor in the air turns into a liquid when it comes into contact with a surface that is cooler than the air; the act of making something more concise or shorter
21. e__y of leaves *n.* a circular current of water or air that flows in the opposite direction to the main current, causing a small whirlpool; a current of opinion, activity, or trend that goes against the main current
22. he_____n pattern *n.* a six-sided polygon with six angles and six sides of equal length
23. alpha he__x *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
24. he_____n head bolt *n.* a six-sided polygon with six angles and six sides of equal length
25. e__y of water *n.* a circular current of water or air that flows in the opposite direction to the main current, causing a small whirlpool; a current of opinion, activity, or trend that goes against the main current

ANSWERS: 18. weave, 19. wavy, 20. condensation, 21. eddy, 22. hexagon, 23. helix, 24. hexagon, 25. eddy

26. pu___y system *n.* a wheel or set of wheels with a grooved rim around which a cord or rope runs, used to change the direction or point of application of a force, especially to lift heavy objects
27. pa___e strokes *n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance
28. ev__e sympathy *v.* to bring or recall a feeling, memory, or image into your mind
29. d__k sky *n.* the period of the day just before nightfall when the light begins to fade; the darker part of twilight
30. ev__e a sense of awe *v.* to bring or recall a feeling, memory, or image into your mind
31. d__k falls *n.* the period of the day just before nightfall when the light begins to fade; the darker part of twilight
32. music re_____al *n.* a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing
33. low st_____s layer *n.* a low-level cloud formation characterized by a uniform, featureless gray or white layer of clouds that often cover the entire sky and can bring light precipitation, such as mist or drizzle
34. cho_____ph a stage performance *v.* to compose a sequence of dance steps, often to music

ANSWERS: 26. pulley, 27. paddle, 28. evoke, 29. dusk, 30. evoke, 31. dusk, 32. rehearsal, 33. stratus, 34. choreograph

35. s__t of light

n. a narrow, thin strip of wood, metal, or plastic, typically used as part of a larger structure or object

36. movable pu___y

n. a wheel or set of wheels with a grooved rim around which a cord or rope runs, used to change the direction or point of application of a force, especially to lift heavy objects

ANSWERS: 35. slat, 36. pulley

Session 3: Fill in the Blanks

1. The construction worker used a fixed _____ to lift the heavy equipment to the top floor.
 - n.* a wheel or set of wheels with a grooved rim around which a cord or rope runs, used to change the direction or point of application of a force, especially to lift heavy objects

2. This movie is likely to _____ strong emotions in the viewer.
 - v.* to bring or recall a feeling, memory, or image into your mind

3. The _____ in the wind instrument needs to be replaced.
 - n.* a tall, slender-leaved plant that grows in water; a thin strip of wood or metal that vibrates to produce sound in certain musical instruments such as oboe, clarinet, and saxophone

4. She opened the _____ of the blinds to let some sunlight in.
 - n.* a narrow, thin strip of wood, metal, or plastic, typically used as part of a larger structure or object

5. The rubber _____ was swept out to sea.
 - n.* a flat structure, usually made of logs or planks, that can be used for transport or as a platform for swimmer

6. They _____ fun at each other's jokes, laughing and teasing.
 - v.* to push or prod with a sharp object or the finger

7. The sky turned a beautiful orange hue at _____.
 - n.* the period of the day just before nightfall when the light begins to fade; the darker part of twilight

ANSWERS: 1. pulley, 2. evoke, 3. reed, 4. slats, 5. raft, 6. poked, 7. dusk

8. He had _____ the dance in this play himself.
- v.* to compose a sequence of dance steps, often to music
9. The theater company had its final _____ before opening night.
- n.* a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing
10. The girl _____ a garland for her friend.
- v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
11. The sky was covered in thick _____ clouds, creating a gloomy atmosphere.
- n.* a low-level cloud formation characterized by a uniform, featureless gray or white layer of clouds that often cover the entire sky and can bring light precipitation, such as mist or drizzle
12. Unfortunately, the swirling _____ in the river made it difficult to swim.
- n.* a circular current of water or air that flows in the opposite direction to the main current, causing a small whirlpool; a current of opinion, activity, or trend that goes against the main current
13. The _____ boards glided across the crystal-clear waters of the cove.
- n.* a flat, usually wooden implement with a handle used for stirring, mixing, or beating a liquid or substance
14. The DNA molecule is shaped like a double _____.
- n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

ANSWERS: 8. choreographed, 9. rehearsal, 10. weaves, 11. stratus, 12. eddy, 13. paddle, 14. helix

15. The honeycomb structure of a beehive is made up of _____.
- n.* a six-sided polygon with six angles and six sides of equal length
16. The cyclist wore a _____ vest to increase visibility on the road at night.
- n.* a surface or object that reflects light, sound, or heat in a specific direction, often used to redirect or focus these elements toward a desired target or area
17. The model's hair was long and _____ cascading down her back in soft waves.
- adj.* characterized by a series of curves, undulations, or bends that create a rippled or serpentine appearance; not straight or flat
18. The _____ on the window was a clear sign of the high humidity.
- n.* the process by which water vapor in the air turns into a liquid when it comes into contact with a surface that is cooler than the air; the act of making something more concise or shorter

ANSWERS: 15. hexagons, 16. reflector, 17. wavy, 18. condensation