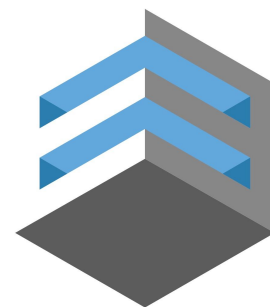


Englist.me



Vocabulary Builder Reference from...

Helen Farr and Jon Adams: Why is this 2,500 year old shipwreck so well-preserved? | TED Talk

https://www.ted.com/talks/helen_farr_and_jon_adams_why_is_this_2_500_year_old_shipwreck_so_well_preserved

Advanced Words Only

IMPORTANT

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Session 1: Word List

seabed

n. the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms

synonym : ocean floor, sea bottom

(1) **seabed** mining, (2) **seabed** habitat

The dense coral reefs on the **seabed** provide a home for various marine life.

discern

v. to see, perceive, or understand something that is not obvious

synonym : determine, distinguish, sense

(1) **discern** the big picture, (2) **discern** friend from foe

Parents need to help their children **discern** right and wrong.

gloom

n. a state of darkness, sadness, or melancholy; a feeling of depression or lack of hope; a state of obscurity or uncertainty

synonym : darkness, depression, melancholy

(1) a sense of **gloom**, (2) **gloom-filled** room

The **gloom** of the rainy weather was beginning to affect her mood.

relic

n. an object from a previous era, especially one of historical value

synonym : whiff, vestige, antique

(1) historical **relic**, (2) holy **relics**

This bronze sword is a **relic** of ancient times.

shipwreck

n. the destruction or loss of a ship at sea, usually caused by sinking or running aground; the remains or wreckage of a ship that has been destroyed or lost at sea

synonym : wreckage, ocean disaster

(1) **shipwreck** site, (2) **shipwreck** survivor

Divers discovered the remains of an old **shipwreck** while exploring the reef.

mast

n. a long pole aboard a boat or ship that holds up the sails

(1) **mast** height, (2) built-up **mast**

The main cabin is located in front of the **mast**.

eerily

adv. in a strange, weird, or unsettling manner; suggesting the presence of supernatural or mysterious elements

synonym : spookily, strangely, creepily

(1) **eerily** accurate, (2) **eerily** atmospheric

The abandoned house was **eerily** silent as if someone was watching from within.

splay

v. to spread out or apart, especially in a disorganized or uneven way; to cause or force something to spread out or expand

synonym : spread out, flare, fan out

(1) **splay** out in a graceful manner, (2) **splay** my hands across his back

The branches of the tree **splayed** outwards, providing a natural canopy.

rudder

n. a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to

control its yaw (side-to-side movement)

synonym: helm, tiller, steering gear

(1) **rudder** control, (2) **rudder** movement

The small boat's **rudder** was damaged in the storm, making it difficult to steer.

depict

v. to illustrate someone or something in a photograph

synonym: illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

wreck

n. a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident

synonym: collapse, destruction, devastation

(1) the house was a **wreck**, (2) a worthless **wreck**

The divers accidentally discovered a **wreck** on the ocean floor.

radiocarbon

n. a radioactive form of carbon that is used to date ancient biological materials, such as bones or wood, by measuring the amount of carbon-14 remaining in them

synonym: carbon dating, radiometric dating, carbon-14

(1) **radiocarbon** decay, (2) **radiocarbon** analysis

The archaeologists used **radiocarbon** dating to determine the age of the artifacts.

traverse

v. to cross or move through a land or water area

synonym: cross, pass through, travel over

(1) **traverse** the region, (2) **traverse** a vast extent of sea

Approximately 1000 automobiles **traverse** the bridge every day.

unseen

adj. not seen or noticed; not perceived

synonym: invisible, hidden, undercover

(1) **unseen** danger, (2) an **unseen** force

The consequences of the pandemic remain **unseen** as

scientists continue to research the virus.

undisturbed

adj. not interrupted or interfered with; left alone; peaceful

synonym : calm, peaceful, uninterrupted

(1) **undisturbed** sleep, (2) **undisturbed** nature

The wildlife reserve is a vital **undisturbed** habitat for endangered species.

byzantine

adj. characterized by a complex and often convoluted administrative system or set of rules; intricate and hard to understand

synonym : complex, convoluted, labyrinthine

(1) **Byzantine** rites, (2) **Byzantine** art

The **Byzantine** Empire was known for its complex political system and culture.

prehistoric

adj. belonging to or existing in times before recorded history; no longer fashionable

synonym : ancient, primitive, archaic

(1) **prehistoric** settlements, (2) **prehistoric** times

Scientists often fail to date archeological or **prehistorical** findings.

seafarer

n. a person who works at sea, especially on a merchant ship or a navy vessel; a person who is experienced in sailing or navigating on the sea

synonym : sailor, mariner, navigator

(1) qualified **seafarer**, (2) fellow **seafarer**

The experienced **seafarer** told stories of his adventures on the high seas.

enclose

v. to surround, as with a fence, wall, or barrier; to put within boundaries; to include

synonym : surround, encase, contain

(1) **enclose** a check with a letter, (2) **enclose** area

The walls were **enclosed** to create a private outdoor space.

saltwater

adj. of or connected with seawater or water containing salt; living in or found in the sea

synonym : marine, naval, maritime

(1) a **saltwater** fish, (2) **saltwater** crocodile

The ecosystem upstream of the river significantly impacts the **saltwater** ecosystem downstream.

meromictic

adj. relating to a body of water that has distinct layers of water that do not mix, typically due to differences in temperature, salinity, or density

synonym : stratified, layered, unstable

(1) **meromictic** basin, (2) **meromictic** zone

The **meromictic** lake has layers of water that don't mix due to differences in density and temperature.

saltiness

n. the quality or state of being salty

(1) the taste of **saltiness**, (2) enhance the **saltiness**

She tasted the dish and detected a slight **saltiness**.

pickle

n. vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation

synonym : jam, predicament, quagmire

(1) **pickle** a cucumber, (2) **pickle** barrel

The **pickle** must have an acidity level high enough to inhibit the growth of bacteria.

decompose

v. to break down or cause to break down over time into simpler substances or elements

synonym : break down, rot, spoil

(1) **decompose** matter, (2) **decompose** into simpler molecules

After the earthquake, many of the buildings in the city were left in ruins and began to **decompose**.

anaerobic

adj. living or occurring in the absence of oxygen; relating to or involving a process that does not require oxygen

synonym: oxygen-free, without oxygen, anoxic

(1) **anaerobic** atmosphere, (2) **anaerobic** exercise

Anaerobic bacteria thrive in environments without oxygen, such as a sealed landfill.

carving

n. the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design

synonym: sculpture, engraving, sculpture

(1) a wood **carving**, (2) **carving** instrument

The intricate **carving** on the wooden box was the work of a master craftsman.

modernize

v. to bring up to date or make contemporary in style or function; to bring modern methods or resources into an existing organization or system

synonym: develop, update, upgrade

(1) **modernize** infrastructure, (2) **modernize** agriculture

The company plans to **modernize** its outdated technology and software to improve efficiency.

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth

He continued his investigation and soon **uncovered** another crime.

plank

n. a long, flat piece of wood or other material that is used for construction or as a platform; an exercise in which a person holds their body in a straight line supported by their hands and toes

synonym: board, timber, beam

(1) oak **plank**, (2) **plank** exercise

He was ordered to walk the **plank** by the pirate captain.

wreckage

n. the remains of something that has been destroyed, ruined, severely damaged, or crashed, usually referring

to vehicles, buildings, or machinery

synonym : debris, remains, demolition

(1) **wreckage** recovery, (2) ship **wreckage**

The **wreckage** of the plane was scattered across the field after the crash.

Session 2: Spelling

1. oak pl__k
n. a long, flat piece of wood or other material that is used for construction or as a platform; an exercise in which a person holds their body in a straight line supported by their hands and toes
2. m__t height
n. a long pole aboard a boat or ship that holds up the sails
3. By_____ne art
adj. characterized by a complex and often convoluted administrative system or set of rules; intricate and hard to understand
4. pl__k exercise
n. a long, flat piece of wood or other material that is used for construction or as a platform; an exercise in which a person holds their body in a straight line supported by their hands and toes
5. a sense of gl__m
n. a state of darkness, sadness, or melancholy; a feeling of depression or lack of hope; a state of obscurity or uncertainty
6. holy re__cs
n. an object from a previous era, especially one of historical value
7. rad_____on decay
n. a radioactive form of carbon that is used to date ancient biological materials, such as bones or wood, by measuring the amount of carbon-14 remaining in them

ANSWERS: 1. plank, 2. mast, 3. byzantine, 4. plank, 5. gloom, 6. relic, 7. radiocarbon

- | | |
|-----------------------------------|--|
| 8. se___d mining | <i>n.</i> the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms |
| 9. sp__y out in a graceful manner | <i>v.</i> to spread out or apart, especially in a disorganized or uneven way; to cause or force something to spread out or expand |
| 10. pre_____ic settlements | <i>adj.</i> belonging to or existing in times before recorded history; no longer fashionable |
| 11. und_____ed sleep | <i>adj.</i> not interrupted or interfered with; left alone; peaceful |
| 12. wr_____ge recovery | <i>n.</i> the remains of something that has been destroyed, ruined, severely damaged, or crashed, usually referring to vehicles, buildings, or machinery |
| 13. mo_____ze infrastructure | <i>v.</i> to bring up to date or make contemporary in style or function; to bring modern methods or resources into an existing organization or system |
| 14. sa_____er crocodile | <i>adj.</i> of or connected with seawater or water containing salt; living in or found in the sea |
| 15. di_____n the big picture | <i>v.</i> to see, perceive, or understand something that is not obvious |
| 16. pi___e a cucumber | <i>n.</i> vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation |

ANSWERS: 8. seabed, 9. splay, 10. prehistoric, 11. undisturbed, 12. wreckage, 13. modernize, 14. saltwater, 15. discern, 16. pickle

17. a worthless wr__k *n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
18. de_____se matter *v.* to break down or cause to break down over time into simpler substances or elements
19. a sa_____er fish *adj.* of or connected with seawater or water containing salt; living in or found in the sea
20. mo_____ze agriculture *v.* to bring up to date or make contemporary in style or function; to bring modern methods or resources into an existing organization or system
21. pi___e barrel *n.* vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation
22. ship wr_____ge *n.* the remains of something that has been destroyed, ruined, severely damaged, or crashed, usually referring to vehicles, buildings, or machinery
23. enhance the sa_____ss *n.* the quality or state of being salty
24. qualified se_____er *n.* a person who works at sea, especially on a merchant ship or a navy vessel; a person who is experienced in sailing or navigating on the sea
25. ee___y accurate *adv.* in a strange, weird, or unsettling manner; suggesting the presence of supernatural or mysterious elements

ANSWERS: 17. wreck, 18. decompose, 19. saltwater, 20. modernize, 21. pickle, 22. wreckage, 23. saltiness, 24. seafarer, 25. eerily

26. en____e area *v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include
27. pre____ic times *adj.* belonging to or existing in times before recorded history; no longer fashionable
28. fellow se____er *n.* a person who works at sea, especially on a merchant ship or a navy vessel; a person who is experienced in sailing or navigating on the sea
29. di____n friend from foe *v.* to see, perceive, or understand something that is not obvious
30. sp__y my hands across his back *v.* to spread out or apart, especially in a disorganized or uneven way; to cause or force something to spread out or expand
31. the taste of sa____ss *n.* the quality or state of being salty
32. mer____ic zone *adj.* relating to a body of water that has distinct layers of water that do not mix, typically due to differences in temperature, salinity, or density
33. de____t a feeling of isolation *v.* to illustrate someone or something in a photograph
34. historical re__c *n.* an object from a previous era, especially one of historical value
35. By____ne rites *adj.* characterized by a complex and often convoluted administrative system or set of rules; intricate and hard to understand
36. und____ed nature *adj.* not interrupted or interfered with; left alone; peaceful

ANSWERS: 26. enclose, 27. prehistoric, 28. seafarer, 29. discern, 30. splay, 31. saltiness, 32. meromictic, 33. depict, 34. relic, 35. byzantine, 36. undisturbed

37. an_____ic exercise *adj.* living or occurring in the absence of oxygen; relating to or involving a process that does not require oxygen
38. ee____y atmospheric *adv.* in a strange, weird, or unsettling manner; suggesting the presence of supernatural or mysterious elements
39. rad_____on analysis *n.* a radioactive form of carbon that is used to date ancient biological materials, such as bones or wood, by measuring the amount of carbon-14 remaining in them
40. tr_____se a vast extent of sea *v.* to cross or move through a land or water area
41. mer_____ic basin *adj.* relating to a body of water that has distinct layers of water that do not mix, typically due to differences in temperature, salinity, or density
42. built-up m__t *n.* a long pole aboard a boat or ship that holds up the sails
43. sh_____ck survivor *n.* the destruction or loss of a ship at sea, usually caused by sinking or running aground; the remains or wreckage of a ship that has been destroyed or lost at sea
44. de_____se into simpler molecules *v.* to break down or cause to break down over time into simpler substances or elements
45. un_____r a potential problem *v.* to remove the cover from something; to discover something previously unseen or hidden

ANSWERS: 37. anaerobic, 38. eerily, 39. radiocarbon, 40. traverse, 41. meromictic, 42. mast, 43. shipwreck, 44. decompose, 45. uncover

46. un_____r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
47. tr_____se the region *v.* to cross or move through a land or water area
48. ca_____g instrument *n.* the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design
49. sh_____ck site *n.* the destruction or loss of a ship at sea, usually caused by sinking or running aground; the remains or wreckage of a ship that has been destroyed or lost at sea
50. gl__m-filled room *n.* a state of darkness, sadness, or melancholy; a feeling of depression or lack of hope; a state of obscurity or uncertainty
51. en_____e a check with a letter *v.* to surround, as with a fence, wall, or barrier; to put within boundaries; to include
52. an un___n force *adj.* not seen or noticed; not perceived
53. a wood ca_____g *n.* the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design
54. the house was a wr__k *n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
55. un___n danger *adj.* not seen or noticed; not perceived

ANSWERS: 46. uncover, 47. traverse, 48. carving, 49. shipwreck, 50. gloom, 51. enclose, 52. unseen, 53. carving, 54. wreck, 55. unseen

56. ru___r control *n.* a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)
57. ru___r movement *n.* a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)
58. de___t a scene *v.* to illustrate someone or something in a photograph
59. se___d habitat *n.* the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms
60. an_____ic atmosphere *adj.* living or occurring in the absence of oxygen; relating to or involving a process that does not require oxygen

ANSWERS: 56. rudder, 57. rudder, 58. depict, 59. seabed, 60. anaerobic

Session 3: Fill in the Blanks

1. Parents need to help their children _____ right and wrong.
v. to see, perceive, or understand something that is not obvious
2. The divers accidentally discovered a _____ on the ocean floor.
n. a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
3. He continued his investigation and soon _____ another crime.
v. to remove the cover from something; to discover something previously unseen or hidden
4. His son had accurately _____ the bloom.
v. to illustrate someone or something in a photograph
5. Divers discovered the remains of an old _____ while exploring the reef.
n. the destruction or loss of a ship at sea, usually caused by sinking or running aground; the remains or wreckage of a ship that has been destroyed or lost at sea
6. The ecosystem upstream of the river significantly impacts the _____ ecosystem downstream.
adj. of or connected with seawater or water containing salt; living in or found in the sea
7. The small boat's _____ was damaged in the storm, making it difficult to steer.
n. a flat, vertical blade at the rear of a vessel that can be turned horizontally to steer the vessel by changing its direction of movement; a device used in aircraft to control its yaw (side-to-side movement)

ANSWERS: 1. discern, 2. wreck, 3. uncovered, 4. depicted, 5. shipwreck, 6. saltwater, 7. rudder

8. Approximately 1000 automobiles _____ the bridge every day.
v. to cross or move through a land or water area
9. The consequences of the pandemic remain _____ as scientists continue to research the virus.
adj. not seen or noticed; not perceived
10. Scientists often fail to date archeological or _____ findings.
adj. belonging to or existing in times before recorded history; no longer fashionable
11. The _____ of the plane was scattered across the field after the crash.
n. the remains of something that has been destroyed, ruined, severely damaged, or crashed, usually referring to vehicles, buildings, or machinery
12. She tasted the dish and detected a slight _____.
n. the quality or state of being salty
13. The abandoned house was _____ silent as if someone was watching from within.
adv. in a strange, weird, or unsettling manner; suggesting the presence of supernatural or mysterious elements
14. The experienced _____ told stories of his adventures on the high seas.
n. a person who works at sea, especially on a merchant ship or a navy vessel; a person who is experienced in sailing or navigating on the sea
15. The dense coral reefs on the _____ provide a home for various marine life.
n. the bottom of a sea or ocean; the surface of the sea's bed, which can be rocky, sandy, muddy, or covered with coral or other organisms

ANSWERS: 8. traverse, 9. unseen, 10. prehistorical, 11. wreckage, 12. saltiness, 13. eerily, 14. seafarer, 15. seabed

16. The intricate _____ on the wooden box was the work of a master craftsman.
- n.* the act or process of cutting or shaping a hard material, such as wood or stone, into a specific form or design
17. He was ordered to walk the _____ by the pirate captain.
- n.* a long, flat piece of wood or other material that is used for construction or as a platform; an exercise in which a person holds their body in a straight line supported by their hands and toes
18. The company plans to _____ its outdated technology and software to improve efficiency.
- v.* to bring up to date or make contemporary in style or function; to bring modern methods or resources into an existing organization or system
19. After the earthquake, many of the buildings in the city were left in ruins and began to _____.
- v.* to break down or cause to break down over time into simpler substances or elements
20. The wildlife reserve is a vital _____ habitat for endangered species.
- adj.* not interrupted or interfered with; left alone; peaceful
21. _____ bacteria thrive in environments without oxygen, such as a sealed landfill.
- adj.* living or occurring in the absence of oxygen; relating to or involving a process that does not require oxygen
22. The archaeologists used _____ dating to determine the age of the artifacts.
- n.* a radioactive form of carbon that is used to date ancient biological materials, such as bones or wood, by measuring the amount of carbon-14 remaining in them

ANSWERS: 16. carving, 17. plank, 18. modernize, 19. decompose, 20. undisturbed, 21. Anaerobic, 22. radiocarbon

23. The branches of the tree _____ outwards, providing a natural canopy.
v. to spread out or apart, especially in a disorganized or uneven way; to cause or force something to spread out or expand
24. The main cabin is located in front of the _____.
n. a long pole aboard a boat or ship that holds up the sails
25. This bronze sword is a _____ of ancient times.
n. an object from a previous era, especially one of historical value
26. The _____ Empire was known for its complex political system and culture.
adj. characterized by a complex and often convoluted administrative system or set of rules; intricate and hard to understand
27. The _____ must have an acidity level high enough to inhibit the growth of bacteria.
n. vegetables or fruit preserved in salty water or vinegar served cold with meat, salads, etc.; informal terms for a difficult situation
28. The _____ lake has layers of water that don't mix due to differences in density and temperature.
adj. relating to a body of water that has distinct layers of water that do not mix, typically due to differences in temperature, salinity, or density
29. The walls were _____ to create a private outdoor space.
v. to surround, as with a fence, wall, or barrier; to put within boundaries; to include
30. The _____ of the rainy weather was beginning to affect her mood.
n. a state of darkness, sadness, or melancholy; a feeling of depression or lack of hope; a state of obscurity or uncertainty

ANSWERS: 23. splayed, 24. mast, 25. relic, 26. Byzantine, 27. pickle, 28. meromictic, 29. enclosed, 30. gloom

ANSWERS: