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Vocabulary Builder Reference from...

Jonathan Trent: Energy from floating algae pods | TED Talk

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

Advanced Words Only

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Session 1: Word List

biofuel

n. a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels

synonym: renewable energy, green fuel, alternative fuel

(1) **biofuel** production, (2) **biofuel** technology

The airplane was powered by a **biofuel** made from plant-based materials.

microalga

n. a microscopic species of algae that are often used for their high nutritional value, particularly as a source of protein or for the production of biofuels

synonym: microscopic algae, phytoplankton, seaweed

(1) **microalga** biomass, (2) **microalga** cultivation

Some types of **microalgae** are used in the production of biofuels due to their ability to convert sunlight into energy.

algae

n. A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

Algae has jammed the inlet to the water turbine.

soybean

n. a legume crop widely cultivated for its nutritious seeds, often ground into meal or pressed into oil for food

products, with other uses including animal feed, fuel, and industrial applications

synonym : soya, edamame

(1) **soybean** oil, (2) **soybean** production

The farmer harvested his **soybean** crop and took it to market.

sunflower

n. a plant with large, round flower heads that have bright yellow petals and a dark center, grown for its edible seeds and oil, as well as for decorative purposes

synonym : helianthus

(1) **sunflower** oil, (2) **sunflower** field

The **sunflower** seeds can be roasted and eaten as a snack.

canola

n. a type of oilseed plant that belongs to the cabbage family, characterized by its yellow flowers and green pods; the oil extracted from the seeds of this plant, often used for cooking and as an ingredient in various products

synonym : rapeseed, oilseed

(1) **canola** fields, (2) **canola** crop

Canola oil is a popular choice for cooking due to its low saturated fat content.

jatropha

n. a genus of plants in the spurge family, including the species *Jatropha curcas*, whose seeds yield a vegetable oil used in the production of biodiesel fuel

(1) **jatropha** seed, (2) **jatropha** biofuel

Jatropha oil can be processed into biodiesel for use in vehicles and machinery.

envision

v. to imagine or expect what a situation will be like in the future

synonym : anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success

We cannot **envision** her as President.

omega

n. the last (24th) letter of the Greek alphabet; the ending of a series or sequence

(1) **omega-3** fat, (2) from alpha to **omega**

Omega-3 fatty acids are a type of polyunsaturated fat that is important for heart health.

acronym

n. a word formed from the first letter of each word in a phrase, such as NASA (National Aeronautics and Space Administration) or AIDS (Acquired Immune Deficiency Syndrome)

synonym: abbreviation, initialism, shortcut

(1) **acronym** definition, (2) use an **acronym**

RADAR is an **acronym** for radio detection and ranging.

sequester

v. to take temporary possession of someone's property until a debt is paid.

synonym: isolate, set apart, segregate

(1) **sequester** ten percent of the annual carbon emissions,

(2) **sequester** myself from the world

He approved their requests to **sequester** the jury.

biodegrade

v. to decay naturally by microorganisms, such as bacteria and fungi

(1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**

The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

seaweed

n. a plant that grows in the sea or on land very close to the sea, especially marine algae

synonym: kelp, algae

(1) floating **seaweed**, (2) **seaweed** broth

She soaked **seaweed** in water until tender.

aquaculture

n. the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research

purposes

synonym: fish farming, mariculture, hydroponics

(1) **aquaculture** industry, (2) sustainable **aquaculture**

Fish farming is a form of **aquaculture** that has recently gained popularity.

seawater

n. water from the sea or ocean, typically containing salt and various other dissolved minerals

synonym: saltwater, brine, ocean water

(1) **seawater** pollution, (2) **seawater** bacteria

The desalination plant turned **seawater** into drinking water through a complex process.

moss

n. a small, soft plant that grows in a low, compact layer, often on the ground or on rocks

synonym: plant, foliage, greenery

(1) green **moss**, (2) **moss** garden

Moss grows in damp, shaded areas and is often found on the forest floor.

skunk

n. a small, carnivorous mammal known for its black and white striped fur and its ability to release a strong, foul-smelling odor from its anal glands when threatened; (skunk works) a group within an organization that is given a high degree of autonomy and is unhampered by bureaucracy

(1) **skunk** works project, (2) striped **skunk**

The **skunk** smell lingered in the backyard long after the creature had left.

weld

v. to join two or more pieces of metal together by heating their edges until they melt and fuse

synonym: fuse, join, bond

(1) **weld** a team of such people, (2) **weld** two broken pipes

He learned how to **weld** metal in his high school shop class.

bioreactor

n. a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes

synonym : fermenter

(1) **bioreactor** engineering, (2) anaerobic **bioreactor**

The scientists optimized the conditions in the **bioreactor** to increase the yield of the desired product.

circulate

v. to move continuously or freely around a place or closed system

synonym : flow, disperse, rotate

(1) **circulate** a rumor, (2) **circulate** an agenda before the meeting

The fan **circulates** the air in the room quickly.

suffocate

v. to die or cause someone to die from lack of air or inability to breathe; to be overwhelmed or constricted by a feeling or situation, such as anxiety or oppression

synonym : choke, smother, stifle

(1) **suffocate** to death, (2) **suffocate** fire

People can **suffocate** from a lack of oxygen in confined spaces.

skim

v. to read something quickly to get a general idea of its contents; to remove any unwanted or unnecessary material from the surface of a liquid; to glide smoothly or briefly over a surface

synonym : glance, scan, skitter

(1) **skim** off the top, (2) **skim** the surface of the water

I like to **skim** the newspaper headlines in the morning to catch up on the news.

overgrown

adj. covered in plants that have been allowed to grow naturally and have not been controlled

synonym : leafy, lush, verdant

(1) an **overgrown** garden, (2) **overgrown** child

The wooden gate had been damaged, and the hedge had become **overgrown**.

seabird

n. a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals

synonym : seafowl, oceanic bird

(1) **seabird** migration, (2) **seabird** nesting

The fishermen were alarmed to see a flock of **seabirds** circling above the water.

mammal

n. any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

(1) a primitive **mammal**, (2) a sort of **mammal**

Marine **mammal** populations are declining worldwide due to ocean pollution.

otter

n. a semiaquatic mammal with a sleek, streamlined body, short legs, webbed feet, and dense, soft fur, found in and around freshwater and coastal areas

(1) **otter** in the river, (2) sea- **otter** fur

The playful **otter** swam around the river, diving in and out of the water.

flue

n. a pipe or tube used to remove smoke, gas, or hot air from a fire, heater, or oven

synonym : chimney, duct, vent

(1) **flue** boiler, (2) chimney **flue**

The smoke filled the room because the **flue** pipe had jammed.

photovoltaics

n. a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels

synonym : solar cells, solar power

(1) **photovoltaics** recycling initiatives, (2) **photovoltaics** system

The development of thin-film **photovoltaics** has allowed for a wider range of applications in building design.

shellfish

n. water creatures that live in shells, especially one of the types that can be eaten

synonym : clam, mollusk

(1) **shellfish** allergy, (2) edible **shellfish**

Shellfish can cause allergic reactions in certain people.

mussel

n. a type of shellfish that lives in freshwater or saltwater has a hard, elongated shell and is edible

synonym : clam, oyster, bivalve

(1) **mussel** shells, (2) **mussel** cultivation

I ordered the **mussels** in a white wine sauce for dinner.

scallop

n. a marine bivalve mollusk that typically has a fluted fan-shaped shell

synonym : pecten, coquille

(1) a **scallop** shell, (2) giant **scallop**

The **scallop** dish was a popular menu item at the seafood restaurant.

oyster

n. a bivalve mollusk with a rough irregular shell, often eaten raw or cooked, and sometimes used as a pearl-producing animal or a source of mother-of-pearl

synonym : shellfish, clam, mussel

(1) **oyster** shell, (2) **oyster** farm

I ordered a dozen **oysters** as an appetizer at the seafood restaurant.

mulch

n. a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation

synonym : compost, ground cover, bedding

(1) **mulch** from the vegetation, (2) organic **mulch**

The landscaper recommended a layer of rubber **mulch** for the children's playground as it provides cushioning and minimizes injuries from falls.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

ingenuity

n. the quality of inventing things or solving problems in clever new ways

synonym : creativity, invention, originality

(1) the infinite **ingenuity** of man, (2) abound in **ingenuity**

Creativity and **ingenuity** are often brought about by extreme concentration.

creditor

n. a person, company, etc. to whom a debtor owes money

(1) the **creditor's** claims, (2) bankrupt **creditor**

I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

Session 2: Spelling

- | | |
|---|---|
| 1. an op_____ne remark | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 2. ci_____te an agenda before the meeting | <i>v.</i> to move continuously or freely around a place or closed system |
| 3. bio_____or engineering | <i>n.</i> a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes |
| 4. from alpha to om__a | <i>n.</i> the last (24th) letter of the Greek alphabet; the ending of a series or sequence |
| 5. bi_____l production | <i>n.</i> a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels |
| 6. organic mu__h | <i>n.</i> a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation |
| 7. w__d two broken pipes | <i>v.</i> to join two or more pieces of metal together by heating their edges until they melt and fuse |
| 8. se_____er ten percent of the annual carbon emissions | <i>v.</i> to take temporary possession of someone's property until a debt is paid. |
| 9. ja_____ha biofuel | <i>n.</i> a genus of plants in the spurge family, including the species <i>Jatropha curcas</i> , whose seeds yield a vegetable oil used in the production of biodiesel fuel |

ANSWERS: 1. opportune, 2. circulate, 3. bioreactor, 4. omega, 5. biofuel, 6. mulch, 7. weld, 8. sequester, 9. jatropha

10. en____on the future *v.* to imagine or expect what a situation will be like in the future
11. f__e boiler *n.* a pipe or tube used to remove smoke, gas, or hot air from a fire, heater, or oven
12. sk__k works project *n.* a small, carnivorous mammal known for its black and white striped fur and its ability to release a strong, foul-smelling odor from its anal glands when threatened; (skunk works) a group within an organization that is given a high degree of autonomy and is unhampered by bureaucracy
13. en____on the project's success *v.* to imagine or expect what a situation will be like in the future
14. so____n oil *n.* a legume crop widely cultivated for its nutritious seeds, often ground into meal or pressed into oil for food products, with other uses including animal feed, fuel, and industrial applications
15. se____d nesting *n.* a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals
16. sh____sh allergy *n.* water creatures that live in shells, especially one of the types that can be eaten
17. the cr____or's claims *n.* a person, company, etc. to whom a debtor owes money
18. ci____te a rumor *v.* to move continuously or freely around a place or closed system

ANSWERS: 10. envision, 11. flue, 12. skunk, 13. envision, 14. soybean, 15. seabird, 16. shellfish, 17. creditor, 18. circulate

19. sustainable aqu_____re *n.* the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes
20. ot__r in the river *n.* a semiaquatic mammal with a sleek, streamlined body, short legs, webbed feet, and dense, soft fur, found in and around freshwater and coastal areas
21. mu___l shells *n.* a type of shellfish that lives in freshwater or saltwater has a hard, elongated shell and is edible
22. a primitive ma___l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
23. mi_____ga cultivation *n.* a microscopic species of algae that are often used for their high nutritional value, particularly as a source of protein or for the production of biofuels
24. se_____d migration *n.* a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals
25. ov_____wn child *adj.* covered in plants that have been allowed to grow naturally and have not been controlled
26. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
27. blue al__e *n.* A simple plant that grows in or near water and lacks typical leaves and roots

ANSWERS: 19. aquaculture, 20. otter, 21. mussel, 22. mammal, 23. microalga, 24. seabird, 25. overgrown, 26. opportune, 27. algae

28. ca___a fields *n.* a type of oilseed plant that belongs to the cabbage family, characterized by its yellow flowers and green pods; the oil extracted from the seeds of this plant, often used for cooking and as an ingredient in various products
29. bi_____l technology *n.* a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels
30. mu___l cultivation *n.* a type of shellfish that lives in freshwater or saltwater has a hard, elongated shell and is edible
31. oy___r farm *n.* a bivalve mollusk with a rough irregular shell, often eaten raw or cooked, and sometimes used as a pearl-producing animal or a source of mother-of-pearl
32. striped sk__k *n.* a small, carnivorous mammal known for its black and white striped fur and its ability to release a strong, foul-smelling odor from its anal glands when threatened; (skunk works) a group within an organization that is given a high degree of autonomy and is unhampered by bureaucracy
33. aqu_____re industry *n.* the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes

ANSWERS: 28. canola, 29. biofuel, 30. mussel, 31. oyster, 32. skunk, 33. aquaculture

34. sea-ot__r fur *n.* a semiaquatic mammal with a sleek, streamlined body, short legs, webbed feet, and dense, soft fur, found in and around freshwater and coastal areas
35. so____n production *n.* a legume crop widely cultivated for its nutritious seeds, often ground into meal or pressed into oil for food products, with other uses including animal feed, fuel, and industrial applications
36. giant sc____p *n.* a marine bivalve mollusk that typically has a fluted fan-shaped shell
37. pho_____ics system *n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
38. a sort of ma___l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
39. ac____m definition *n.* a word formed from the first letter of each word in a phrase, such as NASA (National Aeronautics and Space Administration) or AIDS (Acquired Immune Deficiency Syndrome)
40. ca___a crop *n.* a type of oilseed plant that belongs to the cabbage family, characterized by its yellow flowers and green pods; the oil extracted from the seeds of this plant, often used for cooking and as an ingredient in various products

ANSWERS: 34. otter, 35. soybean, 36. scallop, 37. photovoltaics, 38. mammal, 39. acronym, 40. canola

41. anaerobic bio_____or *n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
42. mu__h from the vegetation *n.* a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation
43. abound in in_____ty *n.* the quality of inventing things or solving problems in clever new ways
44. an ov_____wn garden *adj.* covered in plants that have been allowed to grow naturally and have not been controlled
45. se_____d broth *n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
46. a sc_____p shell *n.* a marine bivalve mollusk that typically has a fluted fan-shaped shell
47. s__m off the top *v.* to read something quickly to get a general idea of its contents; to remove any unwanted or unnecessary material from the surface of a liquid; to glide smoothly or briefly over a surface
48. w__d a team of such people *v.* to join two or more pieces of metal together by heating their edges until they melt and fuse
49. su_____er oil *n.* a plant with large, round flower heads that have bright yellow petals and a dark center, grown for its edible seeds and oil, as well as for decorative purposes

ANSWERS: 41. bioreactor, 42. mulch, 43. ingenuity, 44. overgrown, 45. seaweed, 46. scallop, 47. skim, 48. weld, 49. sunflower

50. bioplastic designed to bio_____de *v.* to decay naturally by microorganisms, such as bacteria and fungi
51. bankrupt cr_____or *n.* a person, company, etc. to whom a debtor owes money
52. su_____er field *n.* a plant with large, round flower heads that have bright yellow petals and a dark center, grown for its edible seeds and oil, as well as for decorative purposes
53. s__m the surface of the water *v.* to read something quickly to get a general idea of its contents; to remove any unwanted or unnecessary material from the surface of a liquid; to glide smoothly or briefly over a surface
54. use an ac_____m *n.* a word formed from the first letter of each word in a phrase, such as NASA (National Aeronautics and Space Administration) or AIDS (Acquired Immune Deficiency Syndrome)
55. m__s garden *n.* a small, soft plant that grows in a low, compact layer, often on the ground or on rocks
56. mi_____ga biomass *n.* a microscopic species of algae that are often used for their high nutritional value, particularly as a source of protein or for the production of biofuels
57. pho_____ics recycling initiatives *n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels

ANSWERS: 50. biodegrade, 51. creditor, 52. sunflower, 53. skim, 54. acronym, 55. moss, 56. microalga, 57. photovoltaics

58. se_____er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
59. oy___r shell *n.* a bivalve mollusk with a rough irregular shell, often eaten raw or cooked, and sometimes used as a pearl-producing animal or a source of mother-of-pearl
60. om___a-3 fat *n.* the last (24th) letter of the Greek alphabet; the ending of a series or sequence
61. su_____te fire *v.* to die or cause someone to die from lack of air or inability to breathe; to be overwhelmed or constricted by a feeling or situation, such as anxiety or oppression
62. floating se_____d *n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
63. ja_____ha seed *n.* a genus of plants in the spurge family, including the species *Jatropha curcas*, whose seeds yield a vegetable oil used in the production of biodiesel fuel
64. al___e biofuel *n.* A simple plant that grows in or near water and lacks typical leaves and roots
65. bio_____de by the microorganism *v.* to decay naturally by microorganisms, such as bacteria and fungi
66. the infinite in_____ty of man *n.* the quality of inventing things or solving problems in clever new ways
67. chimney f___e *n.* a pipe or tube used to remove smoke, gas, or hot air from a fire, heater, or oven

ANSWERS: 58. sequester, 59. oyster, 60. omega, 61. suffocate, 62. seaweed, 63. jatropha, 64. algae, 65. biodegrade, 66. ingenuity, 67. flue

68. green m__s *n.* a small, soft plant that grows in a low, compact layer, often on the ground or on rocks
69. se_____er bacteria *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
70. se_____er pollution *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
71. su_____te to death *v.* to die or cause someone to die from lack of air or inability to breathe; to be overwhelmed or constricted by a feeling or situation, such as anxiety or oppression
72. edible sh_____sh *n.* water creatures that live in shells, especially one of the types that can be eaten

ANSWERS: 68. moss, 69. seawater, 70. seawater, 71. suffocate, 72. shellfish

Session 3: Fill in the Blanks

1. Creativity and _____ are often brought about by extreme concentration.
n. the quality of inventing things or solving problems in clever new ways
2. She soaked _____ in water until tender.
n. a plant that grows in the sea or on land very close to the sea, especially marine algae
3. Fish farming is a form of _____ that has recently gained popularity.
n. the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes
4. The playful _____ swam around the river, diving in and out of the water.
n. a semiaquatic mammal with a sleek, streamlined body, short legs, webbed feet, and dense, soft fur, found in and around freshwater and coastal areas
5. The landscaper recommended a layer of rubber _____ for the children's playground as it provides cushioning and minimizes injuries from falls.
n. a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation
6. The airplane was powered by a _____ made from plant-based materials.
n. a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels
7. The farmer harvested his _____ crop and took it to market.
n. a legume crop widely cultivated for its nutritious seeds, often ground into meal or pressed into oil for food products, with other uses including animal feed, fuel, and industrial applications

ANSWERS: 1. ingenuity, 2. seaweed, 3. aquaculture, 4. otter, 5. mulch, 6. biofuel, 7. soybean

8. I like to _____ the newspaper headlines in the morning to catch up on the news.
- v.* to read something quickly to get a general idea of its contents; to remove any unwanted or unnecessary material from the surface of a liquid; to glide smoothly or briefly over a surface
9. _____ can cause allergic reactions in certain people.
- n.* water creatures that live in shells, especially one of the types that can be eaten
10. I ordered a dozen _____ as an appetizer at the seafood restaurant.
- n.* a bivalve mollusk with a rough irregular shell, often eaten raw or cooked, and sometimes used as a pearl-producing animal or a source of mother-of-pearl
11. Some types of _____ are used in the production of biofuels due to their ability to convert sunlight into energy.
- n.* a microscopic species of algae that are often used for their high nutritional value, particularly as a source of protein or for the production of biofuels
12. The development of thin-film _____ has allowed for a wider range of applications in building design.
- n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
13. The scientists optimized the conditions in the _____ to increase the yield of the desired product.
- n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
14. The phone rang at the most _____ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 8. skim, 9. Shellfish, 10. oysters, 11. microalgae, 12. photovoltaics, 13. bioreactor, 14. opportune

15. The company's plastic products are easily _____ thanks to a unique manufacturing process.
- v.* to decay naturally by microorganisms, such as bacteria and fungi
16. I ordered the _____ in a white wine sauce for dinner.
- n.* a type of shellfish that lives in freshwater or saltwater has a hard, elongated shell and is edible
17. _____ grows in damp, shaded areas and is often found on the forest floor.
- n.* a small, soft plant that grows in a low, compact layer, often on the ground or on rocks
18. The _____ dish was a popular menu item at the seafood restaurant.
- n.* a marine bivalve mollusk that typically has a fluted fan-shaped shell
19. The desalination plant turned _____ into drinking water through a complex process.
- n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
20. He approved their requests to _____ the jury.
- v.* to take temporary possession of someone's property until a debt is paid.
21. _____ has jammed the inlet to the water turbine.
- n.* A simple plant that grows in or near water and lacks typical leaves and roots
22. The fan _____ the air in the room quickly.
- v.* to move continuously or freely around a place or closed system

ANSWERS: 15. biodegraded, 16. mussels, 17. Moss, 18. scallop, 19. seawater, 20. sequester, 21. Algae, 22. circulates

23. The wooden gate had been damaged, and the hedge had become _____.
- adj.* covered in plants that have been allowed to grow naturally and have not been controlled
24. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.
- n.* a person, company, etc. to whom a debtor owes money
25. RADAR is an _____ for radio detection and ranging.
- n.* a word formed from the first letter of each word in a phrase, such as NASA (National Aeronautics and Space Administration) or AIDS (Acquired Immune Deficiency Syndrome)
26. We cannot _____ her as President.
- v.* to imagine or expect what a situation will be like in the future
27. _____ fatty acids are a type of polyunsaturated fat that is important for heart health.
- n.* the last (24th) letter of the Greek alphabet; the ending of a series or sequence
28. Marine _____ populations are declining worldwide due to ocean pollution.
- n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
29. People can _____ from a lack of oxygen in confined spaces.
- v.* to die or cause someone to die from lack of air or inability to breathe; to be overwhelmed or constricted by a feeling or situation, such as anxiety or oppression
30. He learned how to _____ metal in his high school shop class.
- v.* to join two or more pieces of metal together by heating their edges until they melt and fuse

ANSWERS: 23. overgrown, 24. creditor, 25. acronym, 26. envision, 27. Omega-3, 28. mammal, 29. suffocate, 30. weld

31. The _____ smell lingered in the backyard long after the creature had left.
- n.* a small, carnivorous mammal known for its black and white striped fur and its ability to release a strong, foul-smelling odor from its anal glands when threatened; (skunk works) a group within an organization that is given a high degree of autonomy and is unhampered by bureaucracy
32. The fishermen were alarmed to see a flock of _____ circling above the water.
- n.* a bird species that spends much of its life on or near the sea, often feeding on fish and other marine animals
33. _____ oil can be processed into biodiesel for use in vehicles and machinery.
- n.* a genus of plants in the spurge family, including the species *Jatropha curcas*, whose seeds yield a vegetable oil used in the production of biodiesel fuel
34. _____ oil is a popular choice for cooking due to its low saturated fat content.
- n.* a type of oilseed plant that belongs to the cabbage family, characterized by its yellow flowers and green pods; the oil extracted from the seeds of this plant, often used for cooking and as an ingredient in various products
35. The _____ seeds can be roasted and eaten as a snack.
- n.* a plant with large, round flower heads that have bright yellow petals and a dark center, grown for its edible seeds and oil, as well as for decorative purposes
36. The smoke filled the room because the _____ pipe had jammed.
- n.* a pipe or tube used to remove smoke, gas, or hot air from a fire, heater, or oven

ANSWERS: 31. skunk, 32. seabirds, 33. *Jatropha*, 34. Canola, 35. sunflower, 36. flue