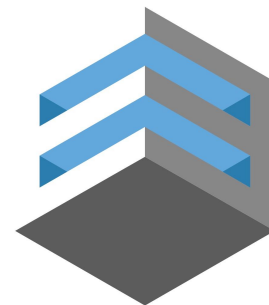


# Englist.me



## Vocabulary Builder Reference from...

*Angelicque White: What ocean microbes reveal about the changing climate | TED Talk*

[https://www.ted.com/talks/angelicque\\_white\\_what\\_ocean\\_microbes\\_reveal\\_about\\_the\\_changing\\_climate](https://www.ted.com/talks/angelicque_white_what_ocean_microbes_reveal_about_the_changing_climate)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### **oceanography**

*n.* the scientific study of oceans and other bodies of saltwater, including their physical, chemical, and biological characteristics, as well as their interactions with the atmosphere and land

*synonym*: marine science, oceanology, oceanic research

(1) **oceanography** data, (2) **oceanography** expedition

The **oceanography** research center is dedicated to studying the impacts of climate change on the ocean's ecosystem.

### **microbe**

*n.* a tiny living thing that can only be seen with a microscope and that may cause disease

*synonym*: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

**Microbes** thrive on the surface of the human skin.

### **snug**

*adj.* comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design

*synonym*: cozy, comfortable, kempt

(1) **snug** blanket, (2) **snug** little house

The baby was fast asleep in his **snug** cot, swaddled in soft, warm blankets.

## plankton

*n.* tiny forms of plant and animal life that live in water or air on which other animals feed

(1) **plankton** blooms, (2) **plankton** community

**Plankton** is generally the foundation of the ocean food chain.

## vignette

*n.* a brief or short descriptive account, episode, or story that focuses on a particular moment, person, or object; a small decorative design or illustration

*synonym*: sketch, drawing, illustration

(1) poignant **vignette**, (2) **vignette** from the incident

The novel has a series of **vignettes** that showcase the everyday struggles of its characters.

## bum

*n.* a person who is homeless or lives in poverty; a lazy, shiftless, or worthless person; a beggar; a person who spends time doing nothing productive

*synonym*: hobo, vagrant, tramp

(1) homeless **bum**, (2) lazy **bum**

He used to be a successful businessman, but now he's a washed-up **bum** with nothing to show.

## beware

*v.* to be cautious or careful about something or someone that may cause harm or danger

*synonym*: heed, caution, alert

(1) **beware** of scams, (2) **beware** of strangers

Please **beware** of the slippery floor after it rains, or you could fall.

## microscopic

*adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy

*synonym*: infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis

Inspectors noticed **microscopic** cracks in the submarine's hull.

## 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.

## reliant

*adj.* needing something or something to continue, to work correctly, or to succeed

*synonym*: dependent, subservient

(1) heavily **reliant** on oil, (2) export- **reliant** economy

The company is heavily **reliant** on its overseas operations for revenue.

## compel

*v.* to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way

*synonym*: force, oblige, coerce

(1) **compel** a person to submission, (2) **compel** attention

The strict deadlines will **compel** the team to work efficiently.

## phytoplankton

*n.* tiny little plants that float on the surface of the water and on which sea creatures feed

(1) marine **phytoplankton**, (2) **phytoplankton** blooms

She studies the relationship between marine creatures' toxicity and the **phytoplankton** they feed on.

## halibut

*n.* a large, flat-bodied saltwater fish that is an important food source, particularly in North America and Europe

(1) **halibut** steak, (2) baked **halibut**

I love to cook **halibut** with lemon butter sauce for a delicious dinner.

## uplift

*n.* the process of raising land to a higher elevation, or the result of this process; (verb) fill with high spirits

*synonym*: upthrust, upheaval, (verb) raise

(1) **uplift** mountains, (2) **uplift** my spirit

The **uplift** in the stock market has been a relief to investors.

## 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.

## toxin

*n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

*synonym*: poison, venom, contaminant

(1) **toxin** exposure, (2) **toxin** production

Mold exposure can release dangerous **toxins** into the air.

## contaminate

*v.* to make something impure, unclean, or poisonous by contact or mixture

*synonym*: defile, pollute, adulterate

(1) **contaminate** with a disease, (2) **contaminate** his ego

We strive not to **contaminate** the environment when demolishing petroleum plants.

## 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.

## drone

*n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

*synonym*: hum, whirr, idler

(1) **drone** flight, (2) the speaker's **drone**

He heard a **drone** of sirens roar from the neighboring town.

## glider

*n.* a light aircraft or small, unpowered plane that is designed to glide and soar through the air using natural winds and or thermal currents

*synonym*: sailplane, soaring bird

(1) **glider** club, (2) paper- **glider**

The hang- **glider** enthusiast looked at the clear skies, anticipating a perfect day to take flight.

## **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.

## **seasick**

*adj.* feeling ill or nauseous as a result of being on a ship or boat that is moving or rocking back and forth in a rough sea; suffering from motion sickness

*synonym*: nauseous, seasickness, queasy

(1) avoid getting **seasick**, (2) **seasick** medication

The rough waves made some passengers feel **seasick** during the boat ride.

## **hard-won**

*adj.* achieved with great effort, perseverance, or sacrifice; earned or gained only after overcoming significant obstacles or challenges

*synonym*: challenging, hard-fought, difficult

(1) **hard-won** victory, (2) **hard-won** peace

After years of hard work, she finally achieved her **hard-won** success.

## **oscillate**

*v.* to swing or move back and forth like a pendulum or a wave; to fluctuate or alternate between two points or states; to hesitate or be indecisive

*synonym*: fluctuate, swing, vibrate

(1) **oscillate** back and forth, (2) **oscillate** between joy and anger

The fan in the room **oscillates**, making the airflow more evenly.

## **anomaly**

*n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to

explain or understand

*synonym*: abnormality, irregularity, deviation

(1) **anomaly** detection, (2) global temperature **anomaly**

The sudden drop in the stock market was an **anomaly** that puzzled many investors.

## **bode**

*v.* to be a sign or indication of a particular outcome or event in the future, can be positive or negative

*synonym*: portend, foretell, augur

(1) **bode** a heavy rain, (2) **bode** for the future

The dark clouds **bode** ill for the outdoor wedding ceremony.

## **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.

## **resonate**

*v.* to be filled with a deep echoing sound

*synonym*: echo, reverberate, resound

(1) deeply **resonate** with the consumers, (2) **resonate** in the same frequency

The sound **resonates** well in this theater.

## **doomsday**

*n.* the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event

*synonym*: Day of Judgment, Last Judgement

(1) **doomsday** scenario, (2) economic **doomsday**

This task is going to take me till **doomsday**.

## **resilient**

*adj.* able to withstand or recover quickly from difficult conditions

*synonym*: robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population

She is a **resilient** person and has always bounced back from setbacks.

## pilgrim

*n.* a person who journeys, especially a long distance, to a sacred place as an act of religious devotion

*synonym*: traveler, wayfarer, sojourner

(1) shrine for **pilgrims**, (2) **pilgrim** site

The group of **pilgrims** walked in silence, deep in thought and prayer.

## swirl

*v.* to move in a circular or spiral pattern

*synonym*: spin, whirl, turn

(1) **swirl** the wine, (2) **swirl** up dirt and dust

The chef expertly **swirled** the sauce onto the plate.

## subtropic

*adj.* describing a region or climate that is between tropical and temperate and often characterized by warm temperatures and moderate rainfall

*synonym*: semi-tropical, warm

(1) **subtropic** vegetation, (2) **subtropic** region

The **subtropic** climate made for hot and humid weather all year round.

## gyre

*n.* a circular or spiral motion, particularly a vortex or large-scale system of rotating ocean currents

*synonym*: spiral, vortex, whirl

(1) **gyre** movement, (2) subtropical **gyre**

The trash caught in the **gyre** in the ocean, forming a massive garbage patch.

## seafloor

*n.* the bottom of the ocean

*synonym*: ocean floor, benthic zone, abyssal plain

(1) **seafloor** exploration, (2) **seafloor** mapping

The oceanographer studied the **seafloor** topography to understand how it had changed over time.

## microorganism

*n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope

*synonym*: germ, microbe, bacterium

(1) pathogenic **microorganism**, (2) **microorganisms** in his gut

This **microorganism** is a producer of respiratory disease.

## fingerprint

*n.* a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person

*synonym*: print, mark, impression

(1) **fingerprint** at a crime scene, (2) **fingerprint** identification

The police used a **fingerprint** scanner to identify the suspect.

## 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.

## 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.

## eutrophication

*n.* the process by which a body of water becomes enriched with excess nutrients (usually from agricultural runoff or sewage), resulting in an overgrowth of algae and other aquatic plants, which can eventually cause oxygen depletion and the death of other organisms in the water

*synonym*: overfertilization

(1) **eutrophication** problem, (2) pond **eutrophication**

The **eutrophication** of the lake caused an overgrowth of



algae.

## overfishing

*n.* the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem

*synonym*: overharvesting, over-exploitation, depletion

(1) **overfishing** crisis, (2) **overfishing** ban

The ocean's ecosystem is being threatened by **overfishing**, causing many species to become endangered.

## inflict

*v.* to cause harm, injury, or suffering to someone or something

*synonym*: impose, levy, administer

(1) **inflict** a heavier tax, (2) **inflict** a hard blow

The storm **inflicted** significant damage on the town.

## enact

*v.* to make a law; to put something into practice

*synonym*: legislate, pass, decree

(1) **enact** new legislation, (2) **enact** the smoking ban

The government **enacted** this law in 1925.

## arctic

*adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold

*synonym*: cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**

Cold temperatures and long, dark winters characterize the **arctic** climate.

## nurture

*v.* to take care of, feed, and protect someone or something while they are growing and developing

*synonym*: boost, cultivate, enable

(1) **nurture** love, (2) **nurture** his talents

Schools should **nurture** children's mutual interest spirit.

## quote

*v.* to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services

*synonym* : cite, reference, mention

(1) **quote** a source, (2) **quote** a price

In his speech, he **quoted** a famous philosopher to emphasize his point.

## Session 2: Spelling

- |                               |                                                                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. subtropical g__e           | <i>n.</i> a circular or spiral motion, particularly a vortex or large-scale system of rotating ocean currents                                                                     |
| 2. vi____te from the incident | <i>n.</i> a brief or short descriptive account, episode, or story that focuses on a particular moment, person, or object; a small decorative design or illustration               |
| 3. se____or exploration       | <i>n.</i> the bottom of the ocean                                                                                                                                                 |
| 4. pathogenic mic______ism    | <i>n.</i> a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope                             |
| 5. os____te back and forth    | <i>v.</i> to swing or move back and forth like a pendulum or a wave; to fluctuate or alternate between two points or states; to hesitate or be indecisive                         |
| 6. to__n exposure             | <i>n.</i> a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism |
| 7. blue al__e                 | <i>n.</i> A simple plant that grows in or near water and lacks typical leaves and roots                                                                                           |
| 8. ar___c ice                 | <i>adj.</i> of or relating to the region around the North Pole or the Arctic Ocean; very cold                                                                                     |

ANSWERS: 1. gyre, 2. vignette, 3. seafloor, 4. microorganism, 5. oscillate, 6. toxin, 7. algae, 8. arctic

- |                                   |                                                                                                                                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9. pathogenic mi____e             | <i>n.</i> a tiny living thing that can only be seen with a microscope and that may cause disease                                                                                                    |
| 10. gl____r club                  | <i>n.</i> a light aircraft or small, unpowered plane that is designed to glide and soar through the air using natural winds and or thermal currents                                                 |
| 11. an op_____ne remark           | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose                                                                                                 |
| 12. op_____ne occasion            | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose                                                                                                 |
| 13. su_____ic region              | <i>adj.</i> describing a region or climate that is between tropical and temperate and often characterized by warm temperatures and moderate rainfall                                                |
| 14. ove_____ng crisis             | <i>n.</i> the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem                                                                       |
| 15. up____t mountains             | <i>n.</i> the process of raising land to a higher elevation, or the result of this process; (verb) fill with high spirits                                                                           |
| 16. edible sh_____sh              | <i>n.</i> water creatures that live in shells, especially one of the types that can be eaten                                                                                                        |
| 17. s__m the surface of the water | <i>v.</i> 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 |

ANSWERS: 9. microbe, 10. glider, 11. opportune, 12. opportune, 13. subtropic, 14. overfishing, 15. uplift, 16. shellfish, 17. skim

18. mic_____isms in his gut	<i>n.</i> a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
19. mic_____ic inquiry	<i>adj.</i> tiny; exceedingly precise and detail-oriented; of or used in microscopy
20. co___l a person to submission	<i>v.</i> to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way
21. b___e for the future	<i>v.</i> to be a sign or indication of a particular outcome or event in the future, can be positive or negative
22. deeply re_____te with the consumers	<i>v.</i> to be filled with a deep echoing sound
23. con_____te with a disease	<i>v.</i> to make something impure, unclean, or poisonous by contact or mixture
24. al___e biofuel	<i>n.</i> A simple plant that grows in or near water and lacks typical leaves and roots
25. s___g little house	<i>adj.</i> comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design
26. global temperature an_____y	<i>n.</i> something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
27. be___e of scams	<i>v.</i> to be cautious or careful about something or someone that may cause harm or danger
28. ha_____t steak	<i>n.</i> a large, flat-bodied saltwater fish that is an important food source, particularly in North America and Europe

ANSWERS: 18. microorganism, 19. microscopic, 20. compel, 21. bode, 22. resonate, 23. contaminate, 24. algae, 25. snug, 26. anomaly, 27. beware, 28. halibut

- |                                |                                                                                                                                                                                                                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29. a hard and re_____nt steel | <i>adj.</i> able to withstand or recover quickly from difficult conditions                                                                                                                                                                                                                  |
| 30. pond eut_____ion           | <i>n.</i> the process by which a body of water becomes enriched with excess nutrients (usually from agricultural runoff or sewage), resulting in an overgrowth of algae and other aquatic plants, which can eventually cause oxygen depletion and the death of other organisms in the water |
| 31. se_____or mapping          | <i>n.</i> the bottom of the ocean                                                                                                                                                                                                                                                           |
| 32. a primitive ma____l        | <i>n.</i> any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body                                                                                                                                                                 |
| 33. con_____te his ego         | <i>v.</i> to make something impure, unclean, or poisonous by contact or mixture                                                                                                                                                                                                             |
| 34. dr__e flight               | <i>n.</i> a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control                                                                                                                                        |
| 35. pi_____m site              | <i>n.</i> a person who journeys, especially a long distance, to a sacred place as an act of religious devotion                                                                                                                                                                              |
| 36. mi_____es sterilizer       | <i>n.</i> a tiny living thing that can only be seen with a microscope and that may cause disease                                                                                                                                                                                            |
| 37. avoid getting se_____k     | <i>adj.</i> feeling ill or nauseous as a result of being on a ship or boat that is moving or rocking back and forth in a rough sea; suffering from motion sickness                                                                                                                          |

ANSWERS: 29. resilient, 30. eutrophication, 31. seafloor, 32. mammal, 33. contaminate, 34. drone, 35. pilgrim, 36. microbe, 37. seasick

- |                                    |                                                                                                                                                                                                                                                                                             |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 38. aci_____ion of soil            | <i>n.</i> the act or process of becoming acid or making something become acid                                                                                                                                                                                                               |
| 39. marine phy_____ton             | <i>n.</i> tiny little plants that float on the surface of the water and on which sea creatures feed                                                                                                                                                                                         |
| 40. sw__l up dirt and dust         | <i>v.</i> to move in a circular or spiral pattern                                                                                                                                                                                                                                           |
| 41. in____t a heavier tax          | <i>v.</i> to cause harm, injury, or suffering to someone or something                                                                                                                                                                                                                       |
| 42. eut_____ion problem            | <i>n.</i> the process by which a body of water becomes enriched with excess nutrients (usually from agricultural runoff or sewage), resulting in an overgrowth of algae and other aquatic plants, which can eventually cause oxygen depletion and the death of other organisms in the water |
| 43. economic do____ay              | <i>n.</i> the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event                                                                                                                                                                 |
| 44. ove_____ng ban                 | <i>n.</i> the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem                                                                                                                                                               |
| 45. phy_____ton blooms             | <i>n.</i> tiny little plants that float on the surface of the water and on which sea creatures feed                                                                                                                                                                                         |
| 46. os____te between joy and anger | <i>v.</i> to swing or move back and forth like a pendulum or a wave; to fluctuate or alternate between two points or states; to hesitate or be indecisive                                                                                                                                   |

ANSWERS: 38. acidification, 39. phytoplankton, 40. swirl, 41. inflict, 42. eutrophication, 43. doomsday, 44. overfishing, 45. phytoplankton, 46. oscillate

- |                      |                                                                                                                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 47. oce_____phy data | <i>n.</i> the scientific study of oceans and other bodies of saltwater, including their physical, chemical, and biological characteristics, as well as their interactions with the atmosphere and land |
| 48. ha_____on peace  | <i>adj.</i> achieved with great effort, perseverance, or sacrifice; earned or gained only after overcoming significant obstacles or challenges                                                         |
| 49. qu__e a source   | <i>v.</i> to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services                                      |
| 50. qu__e a price    | <i>v.</i> to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services                                      |
| 51. homeless b_m     | <i>n.</i> a person who is homeless or lives in poverty; a lazy, shiftless, or worthless person; a beggar; a person who spends time doing nothing productive                                            |
| 52. lazy b_m         | <i>n.</i> a person who is homeless or lives in poverty; a lazy, shiftless, or worthless person; a beggar; a person who spends time doing nothing productive                                            |
| 53. up___t my spirit | <i>n.</i> the process of raising land to a higher elevation, or the result of this process; (verb) fill with high spirits                                                                              |

ANSWERS: 47. oceanography, 48. hard-won, 49. quote, 50. quote, 51. bum, 52. bum, 53. uplift



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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 54. do____ay scenario    | <i>n.</i> the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event                                         |
| 55. pl____on blooms      | <i>n.</i> tiny forms of plant and animal life that live in water or air on which other animals feed                                                                 |
| 56. poignant vi____te    | <i>n.</i> a brief or short descriptive account, episode, or story that focuses on a particular moment, person, or object; a small decorative design or illustration |
| 57. b__e a heavy rain    | <i>v.</i> to be a sign or indication of a particular outcome or event in the future, can be positive or negative                                                    |
| 58. sh_____sh allergy    | <i>n.</i> water creatures that live in shells, especially one of the types that can be eaten                                                                        |
| 59. stream aci_____ion   | <i>n.</i> the act or process of becoming acid or making something become acid                                                                                       |
| 60. g__e movement        | <i>n.</i> a circular or spiral motion, particularly a vortex or large-scale system of rotating ocean currents                                                       |
| 61. nu____e his talents  | <i>v.</i> to take care of, feed, and protect someone or something while they are growing and developing                                                             |
| 62. su_____ic vegetation | <i>adj.</i> describing a region or climate that is between tropical and temperate and often characterized by warm temperatures and moderate rainfall                |

ANSWERS: 54. doomsday, 55. plankton, 56. vignette, 57. bode, 58. shellfish, 59. acidification, 60. gyre, 61. nurture, 62. subtropic

- |                                     |                                                                                                                                                                                                     |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 63. mic_____ic analysis             | <i>adj.</i> tiny; exceedingly precise and detail-oriented; of or used in microscopy                                                                                                                 |
| 64. export-re_____t economy         | <i>adj.</i> needing something or something to continue, to work correctly, or to succeed                                                                                                            |
| 65. nu_____e love                   | <i>v.</i> to take care of, feed, and protect someone or something while they are growing and developing                                                                                             |
| 66. s__m off the top                | <i>v.</i> 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 |
| 67. ha_____on victory               | <i>adj.</i> achieved with great effort, perseverance, or sacrifice; earned or gained only after overcoming significant obstacles or challenges                                                      |
| 68. paper-gl____r                   | <i>n.</i> a light aircraft or small, unpowered plane that is designed to glide and soar through the air using natural winds and or thermal currents                                                 |
| 69. se_____er bacteria              | <i>n.</i> water from the sea or ocean, typically containing salt and various other dissolved minerals                                                                                               |
| 70. re_____te in the same frequency | <i>v.</i> to be filled with a deep echoing sound                                                                                                                                                    |
| 71. high ar____c                    | <i>adj.</i> of or relating to the region around the North Pole or the Arctic Ocean; very cold                                                                                                       |
| 72. en__t the smoking ban           | <i>v.</i> to make a law; to put something into practice                                                                                                                                             |

ANSWERS: 63. microscopic, 64. reliant, 65. nurture, 66. skim, 67. hard-won, 68. glider, 69. seawater, 70. resonate, 71. arctic, 72. enact

- |                                 |                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 73. s__g blanket                | <i>adj.</i> comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design                                          |
| 74. se_____er pollution         | <i>n.</i> water from the sea or ocean, typically containing salt and various other dissolved minerals                                            |
| 75. shrine for pi_____ms        | <i>n.</i> a person who journeys, especially a long distance, to a sacred place as an act of religious devotion                                   |
| 76. heavily re_____t on oil     | <i>adj.</i> needing something or something to continue, to work correctly, or to succeed                                                         |
| 77. fin_____nt at a crime scene | <i>n.</i> a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person                                |
| 78. co____l attention           | <i>v.</i> to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way |
| 79. be____e of strangers        | <i>v.</i> to be cautious or careful about something or someone that may cause harm or danger                                                     |
| 80. baked ha_____t              | <i>n.</i> a large, flat-bodied saltwater fish that is an important food source, particularly in North America and Europe                         |
| 81. a sort of ma____l           | <i>n.</i> any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body                      |
| 82. an_____y detection          | <i>n.</i> something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand          |

ANSWERS: 73. snug, 74. seawater, 75. pilgrim, 76. reliant, 77. fingerprint, 78. compel, 79. beware, 80. halibut, 81. mammal, 82. anomaly

- |                              |                                                                                                                                                                                                        |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 83. sw__l the wine           | <i>v.</i> to move in a circular or spiral pattern                                                                                                                                                      |
| 84. oce____phy expedition    | <i>n.</i> the scientific study of oceans and other bodies of saltwater, including their physical, chemical, and biological characteristics, as well as their interactions with the atmosphere and land |
| 85. fin____nt identification | <i>n.</i> a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person                                                                                      |
| 86. en__t new legislation    | <i>v.</i> to make a law; to put something into practice                                                                                                                                                |
| 87. se____k medication       | <i>adj.</i> feeling ill or nauseous as a result of being on a ship or boat that is moving or rocking back and forth in a rough sea; suffering from motion sickness                                     |
| 88. the speaker's dr__e      | <i>n.</i> a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control                                                   |
| 89. to__n production         | <i>n.</i> a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism                      |
| 90. pl____on community       | <i>n.</i> tiny forms of plant and animal life that live in water or air on which other animals feed                                                                                                    |
| 91. in____t a hard blow      | <i>v.</i> to cause harm, injury, or suffering to someone or something                                                                                                                                  |

ANSWERS: 83. swirl, 84. oceanography, 85. fingerprint, 86. enact, 87. seasick, 88. drone, 89. toxin, 90. plankton, 91. inflict

92. re\_\_\_\_\_nt population

*adj.* able to withstand or recover quickly  
from difficult conditions

ANSWERS: 92. resilient

## Session 3: Fill in the Blanks

1. This \_\_\_\_\_ is a producer of respiratory disease.  
*n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
2. I love to cook \_\_\_\_\_ with lemon butter sauce for a delicious dinner.  
*n.* a large, flat-bodied saltwater fish that is an important food source, particularly in North America and Europe
3. 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
4. The novel has a series of \_\_\_\_\_ that showcase the everyday struggles of its characters.  
*n.* a brief or short descriptive account, episode, or story that focuses on a particular moment, person, or object; a small decorative design or illustration
5. 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
6. The \_\_\_\_\_ in the stock market has been a relief to investors.  
*n.* the process of raising land to a higher elevation, or the result of this process; (verb) fill with high spirits
7. Inspectors noticed \_\_\_\_\_ cracks in the submarine's hull.  
*adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy

ANSWERS: 1. microorganism, 2. halibut, 3. mammal, 4. vignettes, 5. seawater, 6. uplift, 7. microscopic

8. The baby was fast asleep in his \_\_\_\_\_ cot, swaddled in soft, warm blankets.

*adj.* comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design

9. He used to be a successful businessman, but now he's a washed-up \_\_\_\_\_ with nothing to show.

*n.* a person who is homeless or lives in poverty; a lazy, shiftless, or worthless person; a beggar; a person who spends time doing nothing productive

10. The \_\_\_\_\_ of the lake caused an overgrowth of algae.

*n.* the process by which a body of water becomes enriched with excess nutrients (usually from agricultural runoff or sewage), resulting in an overgrowth of algae and other aquatic plants, which can eventually cause oxygen depletion and the death of other organisms in the water

11. The storm \_\_\_\_\_ significant damage on the town.

*v.* to cause harm, injury, or suffering to someone or something

12. The dark clouds \_\_\_\_\_ ill for the outdoor wedding ceremony.

*v.* to be a sign or indication of a particular outcome or event in the future, can be positive or negative

13. Schools should \_\_\_\_\_ children's mutual interest spirit.

*v.* to take care of, feed, and protect someone or something while they are growing and developing

14. The sound \_\_\_\_\_ well in this theater.

*v.* to be filled with a deep echoing sound

15. Cold temperatures and long, dark winters characterize the \_\_\_\_\_ climate.

*adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold

ANSWERS: 8. snug, 9. bum, 10. eutrophication, 11. inflicted, 12. bode, 13. nurture, 14. resonates, 15. arctic

16. 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
17. The ocean's ecosystem is being threatened by \_\_\_\_\_ causing many species to become endangered.
- n.* the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem
18. The phone rang at the most \_\_\_\_\_ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
19. The \_\_\_\_\_ climate made for hot and humid weather all year round.
- adj.* describing a region or climate that is between tropical and temperate and often characterized by warm temperatures and moderate rainfall
20. The rough waves made some passengers feel \_\_\_\_\_ during the boat ride.
- adj.* feeling ill or nauseous as a result of being on a ship or boat that is moving or rocking back and forth in a rough sea; suffering from motion sickness
21. The strict deadlines will \_\_\_\_\_ the team to work efficiently.
- v.* to force or require someone to do something; to exert a strong, irresistible force or pressure that makes someone act in a certain way
22. We strive not to \_\_\_\_\_ the environment when demolishing petroleum plants.
- v.* to make something impure, unclean, or poisonous by contact or mixture

ANSWERS: 16. skim, 17. overfishing, 18. opportune, 19. subtropic, 20. seasick, 21. compel, 22. contaminate



23. This task is going to take me till \_\_\_\_\_.

- n.* the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event

24. The fan in the room \_\_\_\_\_ making the airflow more evenly.

- v.* to swing or move back and forth like a pendulum or a wave; to fluctuate or alternate between two points or states; to hesitate or be indecisive

25. Ocean \_\_\_\_\_ leads to a decrease in tiny sea snails.

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

26. The police used a \_\_\_\_\_ scanner to identify the suspect.

- n.* a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person

27. \_\_\_\_\_ can cause allergic reactions in certain people.

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

28. The sudden drop in the stock market was an \_\_\_\_\_ that puzzled many investors.

- n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand

29. \_\_\_\_\_ is generally the foundation of the ocean food chain.

- n.* tiny forms of plant and animal life that live in water or air on which other animals feed

30. The trash caught in the \_\_\_\_\_ in the ocean, forming a massive garbage patch.

- n.* a circular or spiral motion, particularly a vortex or large-scale system of rotating ocean currents

ANSWERS: 23. doomsday, 24. oscillates, 25. acidification, 26. fingerprint, 27. Shellfish, 28. anomaly, 29. Plankton, 30. gyre

31. The government \_\_\_\_\_ this law in 1925.

*v.* to make a law; to put something into practice

32. The chef expertly \_\_\_\_\_ the sauce onto the plate.

*v.* to move in a circular or spiral pattern

33. After years of hard work, she finally achieved her \_\_\_\_\_ success.

*adj.* achieved with great effort, perseverance, or sacrifice; earned or gained only after overcoming significant obstacles or challenges

34. The company is heavily \_\_\_\_\_ on its overseas operations for revenue.

*adj.* needing something or something to continue, to work correctly, or to succeed

35. The hang-\_\_\_\_\_ enthusiast looked at the clear skies, anticipating a perfect day to take flight.

*n.* a light aircraft or small, unpowered plane that is designed to glide and soar through the air using natural winds and or thermal currents

36. He heard a \_\_\_\_\_ of sirens roar from the neighboring town.

*n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

37. She is a \_\_\_\_\_ person and has always bounced back from setbacks.

*adj.* able to withstand or recover quickly from difficult conditions

38. She studies the relationship between marine creatures' toxicity and the \_\_\_\_\_ they feed on.

*n.* tiny little plants that float on the surface of the water and on which sea creatures feed

ANSWERS: 31. enacted, 32. swirled, 33. hard-won, 34. reliant, 35. glider, 36. drone, 37. resilient, 38. phytoplankton

39. The \_\_\_\_\_ research center is dedicated to studying the impacts of climate change on the ocean's ecosystem.
- n.* the scientific study of oceans and other bodies of saltwater, including their physical, chemical, and biological characteristics, as well as their interactions with the atmosphere and land
40. In his speech, he \_\_\_\_\_ a famous philosopher to emphasize his point.
- v.* to repeat or reproduce the words or statement of someone else, often acknowledging the source; to give an estimated cost or price for goods or services
41. \_\_\_\_\_ has jammed the inlet to the water turbine.
- n.* A simple plant that grows in or near water and lacks typical leaves and roots
42. Mold exposure can release dangerous \_\_\_\_\_ into the air.
- n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
43. The group of \_\_\_\_\_ walked in silence, deep in thought and prayer.
- n.* a person who journeys, especially a long distance, to a sacred place as an act of religious devotion
44. The oceanographer studied the \_\_\_\_\_ topography to understand how it had changed over time.
- n.* the bottom of the ocean
45. Please \_\_\_\_\_ of the slippery floor after it rains, or you could fall.
- v.* to be cautious or careful about something or someone that may cause harm or danger

ANSWERS: 39. oceanography, 40. quoted, 41. Algae, 42. toxins, 43. pilgrims, 44. seafloor, 45. beware

46. \_\_\_\_\_ thrive on the surface of the human skin.

- n.* a tiny living thing that can only be seen with a microscope and that may cause disease

ANSWERS: 46. Microbes