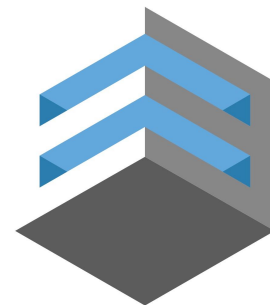


# Englist.me



## Vocabulary Builder Reference from...

*Emily Leproust: How synthetic biology can improve our health, food and materials | TED Talk*

[https://www.ted.com/talks/emily\\_leproust\\_how\\_synthetic\\_biology\\_can\\_improve\\_our\\_health\\_food\\_and\\_materials](https://www.ted.com/talks/emily_leproust_how_synthetic_biology_can_improve_our_health_food_and_materials)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### reconcile

v. to find a way of dealing with two or more ideas, needs, etc. that are opposed to each other to agree and coexist  
*synonym*: harmonize, moderate, conciliate

(1) **reconcile** these differences, (2) **reconcile** a dispute  
Sometimes it is challenging to **reconcile** science and religion.

### recycle

v. to sort and collect things to process them and produce valuable materials that can be used again  
*synonym*: reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper  
We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

### rethink

v. to consider again a plan, idea, etc., especially to change it  
*synonym*: reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager  
We have to **rethink** our company's product lineup for further growth.

## environmentalist

*n.* a person who is concerned with and advocates for the protection of the natural environment

*synonym*: conservationist

(1) dedicated **environmentalist**, (2) an **environmentalist** political party

The **environmentalist** lobby changed the mindset of many conservative politicians.

## harmonious

*adj.* characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone

*synonym*: concordant, consistent, melodious

(1) **harmonious** relationship, (2) **harmonious** blend

The painting's **harmonious** composition and balance of colors made it a masterpiece.

## coexist

*v.* to live or exist together at the same time in the same place

*synonym*: cohabit, accompany, synchronize

(1) **coexist** with nature, (2) **coexist** with diversity

The different species can **coexist** in the same ecosystem by filling different niches and using different resources.

## oxymoron

*n.* a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"

*synonym*: contradiction in terms, paradox, self-contradiction

(1) **oxymoron** phrase, (2) literary **oxymoron**

"Awfully good" is an **oxymoron** that can be used to describe something that's both bad and good simultaneously.

## 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.

## fungus

*n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

*synonym*: mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

## ancestor

*n.* a person from whom one is descended; a forefather

*synonym*: forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**

My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

## improvisation

*n.* the act of making something up on the spot or creating or performing something without preparation

*synonym*: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

## teosinte

*n.* a wild grass of Mexico and Central America, from which maize or corn is believed to have been domesticated

(1) **teosinte** genome, (2) **teosinte** plant

Native people have been cultivating **teosinte** for food for thousands of years.

## edible

*adj.* fit or safe to be eaten; able to be consumed as food

*synonym*: esculent, comestible, digestible

(1) non-**edible** ingredients, (2) **edible** vegetables

I made sure to pick only **edible** mushrooms for our dinner.

## recombinant

*adj.* relating to a process in which DNA sequences from different sources are combined or rearranged to create new genetic material; an organism or gene that results from this process

*synonym* : recombined, hybrid, modified

(1) **recombinant** technology, (2) **recombinant** DNA

The vaccine was developed using a **recombinant** virus to stimulate an immune response.

## inject

*v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

*synonym* : shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

## pancreas

*n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

*synonym* : gland, organ, islet

(1) **pancreas** inflammation, (2) **pancreas** function

The endocrine function of the **pancreas** involves the secretion of hormones such as insulin.

## mosquito

*n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

*synonym* : insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

## dengue

*n.* a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash

*synonym* : breakbone fever, infectious tropical disease

(1) **dengue** mosquito, (2) **dengue** outbreak

Many people in this region have contracted **dengue** fever from mosquito bites.

## inherit

*v.* to receive money, property, or a title from someone after they have died

*synonym* : obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

## immunodeficiency

*n.* a condition in which the immune system is not functioning properly, resulting in a decreased ability to fight off infections and diseases

*synonym* : immunosuppression

(1) B-cell **immunodeficiency**, (2) **immunodeficiency** virus

HIV is an example of an **immunodeficiency** disease.

## sickle

*n.* a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death

*synonym* : scythe, crescent, cutter

(1) **sickle-shaped** moon, (2) harvest **sickle**

The blade of the **sickle** glinted in the sunlight as he swung it back and forth.

## anemia

*n.* a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something

*synonym* : bloodlessness, pallor, weakness

(1) **anemia** symptoms, (2) **anemia** disease

The doctor diagnosed the patient with **anemia** due to a lack of iron in their blood.

## hundredfold

*adj.* a hundred times as great or as much

(1) rise nearly **hundredfold**, (2) improve **hundredfold**

The development team reported two **hundredfold** increases in performance.

## drastic

*adj.* radical and extreme; likely to have a significant or far-reaching impact

*synonym* : extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

## unleash

*v.* to suddenly release a strong force, emotion, etc. that cannot be controlled

*synonym* : discharge, free, release

(1) **unleash** a hound, (2) **unleash** her anger

The general was still reluctant to **unleash** his troops in pursuit of an enemy.

## futurist

*n.* a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold

*synonym* : foreseer, prophet, fortune-teller

(1) **futurist** architecture, (2) **futurist** ideas

The radical **futurist** predicted that virtual reality would become a standard in everyday life.

## papaya

*n.* tropical fruit with a soft orange or yellow flesh and black seeds, often used in salads, smoothies, and other culinary dishes for its sweet and slightly tangy flavor

*synonym* : pawpaw, melon tree, carica

(1) **papaya** smoothie, (2) ripe **papaya**

I love eating fresh **papaya** for breakfast.

## pathogen

*n.* a bacterium, virus, or other microorganism that causes disease

*synonym* : germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

## fermentation

*n.* the chemical breakdown of a substance by bacteria, yeasts, or other microorganisms, typically involving effervescence and the giving off of the heat

*synonym* : brewing, culturing, pickling

(1) oxidative **fermentation**, (2) **fermentation** tank

The process of **fermentation** is used to make beer, wine, and many other products.

## 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.

## ferment

*v.* to experience a chemical change or action that results in the production of alcohol or effervescence of gases;  
(noun) a state of agitated activity or change, especially in the context of social or political movements

*synonym* : ripen, simmer, (noun) agitation

(1) **ferment** sugar into ethanol, (2) political **ferment**

The dough was left to **ferment** overnight to give the bread its distinctive flavor.

## fabricate

*v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

*synonym* : manufacture, assemble, falsify

(1) **fabricate** a chemical, (2) **fabricate** an excuse

The detective discovered that the witness had **fabricated** her story about the crime.

## jean

*n.* a sturdy cotton twill fabric, typically blue, used for jeans and other clothing

*synonym* : denim, cotton, pants

(1) a **jean** skirt, (2) **jean** denim

She wore her favorite pair of **jeans** to the party.

## pollute

*v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

*synonym* : contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread

We should do our best not to **pollute** the environment.

## squalene

*n.* a type of lipid or fat that is produced by the body and plays a role in various biological processes, particularly in skin health and immunity

(1) **squalene** oil, (2) plant-based **squalene**

Shark liver oil is a common source of **squalene** supplements.

## hydrate

*v.* to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization

*synonym*: moisturize, water, rehydrate

(1) **hydrate** my skin, (2) acid **hydrate**

She drank water to **hydrate** her body.

## apex

*n.* the highest point or tip of something

*synonym*: summit, peak, zenith

(1) **apex** predator, (2) **apex** position

The company reached the **apex** of success in the market.

## predator

*n.* an animal whose natural behavior is to prey on others

*synonym*: vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

## dignify

*v.* to make something worthy of respect or honor; to elevate or give importance to something that may otherwise be considered insignificant

*synonym*: elevate, ennoble, honor

(1) **dignify** the role, (2) **dignify** the occasion

It's important to **dignify** other people's opinions and not dismiss them without consideration.



## Session 2: Spelling

1. improve hun\_\_\_\_\_ld *adj.* a hundred times as great or as much
2. fa\_\_\_\_\_te a chemical *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
3. un\_\_\_\_\_h her anger *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
4. si\_\_\_e-shaped moon *n.* a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death
5. political fe\_\_\_\_\_t *v.* to experience a chemical change or action that results in the production of alcohol or effervescence of gases; (noun) a state of agitated activity or change, especially in the context of social or political movements
6. di\_\_\_\_\_y the role *v.* to make something worthy of respect or honor; to elevate or give importance to something that may otherwise be considered insignificant
7. rise nearly hun\_\_\_\_\_ld *adj.* a hundred times as great or as much
8. harvest si\_\_\_e *n.* a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death

ANSWERS: 1. hundredfold, 2. fabricate, 3. unleash, 4. sickle, 5. ferment, 6. dignify, 7. hundredfold, 8. sickle

- |                                      |  |
|--------------------------------------|--|
| 9. a__x position                     | <i>n.</i> the highest point or tip of something  |
| 10. ox_____on phrase                 | <i>n.</i> a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"  |
| 11. sq_____ne oil                    | <i>n.</i> a type of lipid or fat that is produced by the body and plays a role in various biological processes, particularly in skin health and immunity   |
| 12. fe_____t sugar into ethanol      | <i>v.</i> to experience a chemical change or action that results in the production of alcohol or effervescence of gases; (noun) a state of agitated activity or change, especially in the context of social or political movements |
| 13. fu___s infection                 | <i>n.</i> a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive  |
| 14. re_____k the role of the manager | <i>v.</i> to consider again a plan, idea, etc., especially to change it  |
| 15. re_____le these differences      | <i>v.</i> to find a way of dealing with two or more ideas, needs, etc. that are opposed to each other to agree and coexist   |
| 16. literary ox_____on               | <i>n.</i> a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"  |
| 17. hy_____e my skin                 | <i>v.</i> to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization  |

ANSWERS: 9. apex, 10. oxymoron, 11. squalene, 12. ferment, 13. fungus, 14. rethink, 15. reconcile, 16. oxymoron, 17. hydrate



27. pa\_\_\_\_\_as inflammation *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
28. oxidative fer\_\_\_\_\_ion *n.* the chemical breakdown of a substance by bacteria, yeasts, or other microorganisms, typically involving effervescence and the giving off of the heat
29. dr\_\_\_\_\_c measures *adj.* radical and extreme; likely to have a significant or far-reaching impact
30. mo\_\_\_\_\_to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
31. dedicated env\_\_\_\_\_ist *n.* a person who is concerned with and advocates for the protection of the natural environment
32. re\_\_\_\_\_e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
33. co\_\_\_\_\_t with diversity *v.* to live or exist together at the same time in the same place
34. a\_\_x predator *n.* the highest point or tip of something
35. an\_\_\_\_\_or language *n.* a person from whom one is descended; a forefather
36. blue al\_\_e *n.* A simple plant that grows in or near water and lacks typical leaves and roots

ANSWERS: 27. pancreas, 28. fermentation, 29. drastic, 30. mosquito, 31. environmentalist, 32. recycle, 33. coexist, 34. apex, 35. ancestor, 36. algae

37. re\_\_\_\_\_e the cardboard boxes      *v.* to sort and collect things to process them and produce valuable materials that can be used again
38. in\_\_\_\_\_t estate      *v.* to receive money, property, or a title from someone after they have died
39. imm\_\_\_\_\_ncy virus      *n.* a condition in which the immune system is not functioning properly, resulting in a decreased ability to fight off infections and diseases
40. in\_\_\_\_\_t under the skin      *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
41. re\_\_\_\_\_k a marketing plan      *v.* to consider again a plan, idea, etc., especially to change it
42. pathogenic mi\_\_\_\_\_e      *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
43. re\_\_\_\_\_le a dispute      *v.* to find a way of dealing with two or more ideas, needs, etc. that are opposed to each other to agree and coexist
44. har\_\_\_\_\_us blend      *adj.* characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone
45. B-cell imm\_\_\_\_\_ncy      *n.* a condition in which the immune system is not functioning properly, resulting in a decreased ability to fight off infections and diseases

ANSWERS: 37. recycle, 38. inherit, 39. immunodeficiency, 40. inject, 41. rethink, 42. microbe, 43. reconcile, 44. harmonious, 45. immunodeficiency

46. plant-based sq\_\_\_\_ne *n.* a type of lipid or fat that is produced by the body and plays a role in various biological processes, particularly in skin health and immunity
47. an\_\_\_a disease *n.* a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something
48. an\_\_\_a symptoms *n.* a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something
49. ed\_\_\_e vegetables *adj.* fit or safe to be eaten; able to be consumed as food
50. earliest human an\_\_\_\_or *n.* a person from whom one is descended; a forefather
51. te\_\_\_\_te genome *n.* a wild grass of Mexico and Central America, from which maize or corn is believed to have been domesticated
52. pa\_\_\_a smoothie *n.* tropical fruit with a soft orange or yellow flesh and black seeds, often used in salads, smoothies, and other culinary dishes for its sweet and slightly tangy flavor
53. pa\_\_\_\_as function *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

ANSWERS: 46. squalene, 47. anemia, 48. anemia, 49. edible, 50. ancestor, 51. teosinte, 52. papaya, 53. pancreas

54. j\_\_n denim *n.* a sturdy cotton twill fabric, typically blue, used for jeans and other clothing
55. har\_\_\_\_\_us relationship *adj.* characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone
56. fer\_\_\_\_\_ion tank *n.* the chemical breakdown of a substance by bacteria, yeasts, or other microorganisms, typically involving effervescence and the giving off of the heat
57. po\_\_\_\_\_e the air *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
58. al\_\_e biofuel *n.* A simple plant that grows in or near water and lacks typical leaves and roots
59. plant pa\_\_\_\_\_en *n.* a bacterium, virus, or other microorganism that causes disease
60. the pa\_\_\_\_\_en in the air *n.* a bacterium, virus, or other microorganism that causes disease
61. in\_\_\_t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
62. non-ed\_\_\_e ingredients *adj.* fit or safe to be eaten; able to be consumed as food
63. acid hy\_\_\_\_\_e *v.* to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization

ANSWERS: 54. jean, 55. harmonious, 56. fermentation, 57. pollute, 58. algae, 59. pathogen, 60. pathogen, 61. inject, 62. edible, 63. hydrate

64. fa\_\_\_\_\_te an excuse      *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
65. mo\_\_\_\_\_to repellent      *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
66. fu\_\_\_\_\_st ideas      *n.* a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold
67. imp\_\_\_\_\_ion on stage      *n.* the act of making something up on the spot or creating or performing something without preparation
68. rec\_\_\_\_\_nt technology      *adj.* relating to a process in which DNA sequences from different sources are combined or rearranged to create new genetic material; an organism or gene that results from this process
69. a j\_\_n skirt      *n.* a sturdy cotton twill fabric, typically blue, used for jeans and other clothing
70. te\_\_\_\_\_te plant      *n.* a wild grass of Mexico and Central America, from which maize or corn is believed to have been domesticated
71. symbiotic fu\_\_\_\_s      *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

ANSWERS: 64. fabricate, 65. mosquito, 66. futurist, 67. improvisation, 68. recombinant, 69. jean, 70. teosinte, 71. fungus



72. fu\_\_\_\_st architecture *n.* a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold
73. an env\_\_\_\_\_ist political party *n.* a person who is concerned with and advocates for the protection of the natural environment
74. make dr\_\_\_\_c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact
75. co\_\_\_\_t with nature *v.* to live or exist together at the same time in the same place
76. un\_\_\_\_h a hound *v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
77. di\_\_\_\_y the occasion *v.* to make something worthy of respect or honor; to elevate or give importance to something that may otherwise be considered insignificant
78. po\_\_\_\_e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

ANSWERS: 72. futurist, 73. environmentalist, 74. drastic, 75. coexist, 76. unleash, 77. dignify, 78. pollute

## Session 3: Fill in the Blanks

1. The detective discovered that the witness had \_\_\_\_\_ her story about the crime.
  - v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
  
2. I love eating fresh \_\_\_\_\_ for breakfast.
  - n. tropical fruit with a soft orange or yellow flesh and black seeds, often used in salads, smoothies, and other culinary dishes for its sweet and slightly tangy flavor
  
3. A stagnant water area are breeding ground for \_\_\_\_\_.
  - n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
  
4. We should do our best not to \_\_\_\_\_ the environment.
  - v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
  
5. He created a beautiful piece of music using only \_\_\_\_\_.
  - n. the act of making something up on the spot or creating or performing something without preparation
  
6. The blade of the \_\_\_\_\_ glinted in the sunlight as he swung it back and forth.
  - n. a tool consisting of a short curved blade with a handle, used for cutting grass or grain; also a symbol associated with harvest or death
  
7. She drank water to \_\_\_\_\_ her body.
  - v. to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization

ANSWERS: 1. fabricated, 2. papaya, 3. mosquitos, 4. pollute, 5. improvisation, 6. sickle, 7. hydrate

8. mRNA vaccines are approved faster because they do not contain inactivated \_\_\_\_\_.
- n.* a bacterium, virus, or other microorganism that causes disease
9. Certain types of \_\_\_\_\_ can be toxic to humans, causing severe illness if ingested.
- n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
10. The company reached the \_\_\_\_\_ of success in the market.
- n.* the highest point or tip of something
11. \_\_\_\_\_ has jammed the inlet to the water turbine.
- n.* A simple plant that grows in or near water and lacks typical leaves and roots
12. The radical \_\_\_\_\_ predicted that virtual reality would become a standard in everyday life.
- n.* a person who studies or predicts trends and developments, particularly in science, technology, or social systems, to anticipate what the future may hold
13. The painting's \_\_\_\_\_ composition and balance of colors made it a masterpiece.
- adj.* characterized by harmony or agreement; free from conflict or disagreement; pleasing or soothing in sound or tone
14. The development team reported two \_\_\_\_\_ increases in performance.
- adj.* a hundred times as great or as much
15. HIV is an example of an \_\_\_\_\_ disease.
- n.* a condition in which the immune system is not functioning properly, resulting in a decreased ability to fight off infections and diseases

ANSWERS: 8. pathogens, 9. fungus, 10. apex, 11. Algae, 12. futurist, 13. harmonious, 14. hundredfold, 15. immunodeficiency

16. My remote \_\_\_\_\_ immigrated to the United States from Ireland in the 1800s.

*n.* a person from whom one is descended; a forefather

17. The endocrine function of the \_\_\_\_\_ involves the secretion of hormones such as insulin.

*n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

18. I made sure to pick only \_\_\_\_\_ mushrooms for our dinner.

*adj.* fit or safe to be eaten; able to be consumed as food

19. The \_\_\_\_\_ lobby changed the mindset of many conservative politicians.

*n.* a person who is concerned with and advocates for the protection of the natural environment

20. We have to \_\_\_\_\_ our company's product lineup for further growth.

*v.* to consider again a plan, idea, etc., especially to change it

21. It's important to \_\_\_\_\_ other people's opinions and not dismiss them without consideration.

*v.* to make something worthy of respect or honor; to elevate or give importance to something that may otherwise be considered insignificant

22. The global community is undergoing \_\_\_\_\_ changes at present.

*adj.* radical and extreme; likely to have a significant or far-reaching impact

23. The dough was left to \_\_\_\_\_ overnight to give the bread its distinctive flavor.

*v.* to experience a chemical change or action that results in the production of alcohol or effervescence of gases; (noun) a state of agitated activity or change, especially in the context of social or political movements

ANSWERS: 16. ancestor, 17. pancreas, 18. edible, 19. environmentalist, 20. rethink, 21. dignify, 22. drastic, 23. ferment

24. Shark liver oil is a common source of \_\_\_\_\_ supplements.
- n.* a type of lipid or fat that is produced by the body and plays a role in various biological processes, particularly in skin health and immunity
25. The native South American animals were in danger because of the \_\_\_\_\_ arrival.
- n.* an animal whose natural behavior is to prey on others
26. The vaccine was developed using a \_\_\_\_\_ virus to stimulate an immune response.
- adj.* relating to a process in which DNA sequences from different sources are combined or rearranged to create new genetic material; an organism or gene that results from this process
27. Let's try to \_\_\_\_\_ a bit of enthusiasm into your performance.
- v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
28. Many people in this region have contracted \_\_\_\_\_ fever from mosquito bites.
- n.* a viral disease transmitted by mosquitoes, characterized by fever, severe joint and muscle pain, and a rash
29. Native people have been cultivating \_\_\_\_\_ for food for thousands of years.
- n.* a wild grass of Mexico and Central America, from which maize or corn is believed to have been domesticated
30. The general was still reluctant to \_\_\_\_\_ his troops in pursuit of an enemy.
- v.* to suddenly release a strong force, emotion, etc. that cannot be controlled
31. \_\_\_\_\_ 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: 24. squalene, 25. predator's, 26. recombinant, 27. inject, 28. dengue, 29. teosinte, 30. unleash, 31. Microbes

32. "Awfully good" is an \_\_\_\_\_ that can be used to describe something that's both bad and good simultaneously.
- n.* a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"
33. Sometimes it is challenging to \_\_\_\_\_ science and religion.
- v.* to find a way of dealing with two or more ideas, needs, etc. that are opposed to each other to agree and coexist
34. The process of \_\_\_\_\_ is used to make beer, wine, and many other products.
- n.* the chemical breakdown of a substance by bacteria, yeasts, or other microorganisms, typically involving effervescence and the giving off of the heat
35. After his death, his sons \_\_\_\_\_ his business.
- v.* to receive money, property, or a title from someone after they have died
36. The different species can \_\_\_\_\_ in the same ecosystem by filling different niches and using different resources.
- v.* to live or exist together at the same time in the same place
37. The doctor diagnosed the patient with \_\_\_\_\_ due to a lack of iron in their blood.
- n.* a medical condition in which the body lacks enough red blood cells or hemoglobin, causing fatigue, weakness, or difficulty breathing; a lack of vitality or liveliness in something
38. She wore her favorite pair of \_\_\_\_\_ to the party.
- n.* a sturdy cotton twill fabric, typically blue, used for jeans and other clothing
39. We largely \_\_\_\_\_ the circuit board of cell phones because they contain a lot of valuable metals.
- v.* to sort and collect things to process them and produce valuable materials that can be used again

ANSWERS: 32. oxymoron, 33. reconcile, 34. fermentation, 35. inherited, 36. coexist, 37. anemia, 38. jeans, 39. recycle

ANSWERS: