

# Englist.me



## Vocabulary Builder Reference from...

*Hendrik Poinar: Bring back the woolly mammoth! |*

*TED Talk*

[https://www.ted.com/talks/hendrik\\_poinar\\_bring\\_back\\_the\\_woolly\\_mammoth](https://www.ted.com/talks/hendrik_poinar_bring_back_the_woolly_mammoth)

### Advanced Words Only

#### IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

## Session 1: Word List

### morphology

*n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

*synonym* : structure, form, anatomy

(1) **morphology** of a language, (2) cellular **morphology**

The **morphology** of rocks can reveal clues about their geological history.

### phenomenal

*adj.* extremely good or impressive; outstanding

*synonym* : extraordinary, remarkable, impressive

(1) **phenomenal** success, (2) **phenomenal** growth

The athlete's **phenomenal** performance broke all previous records.

### extinct

*adj.* no longer in existence

*synonym* : dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

### revive

*v.* to bring back to life, consciousness, or strength; to restore

*synonym* : reanimate, rejuvenate, renew

(1) **revive** my energy, (2) **revive** an old friendship

They **revived** the tradition of holding a parade on the main street every year.

## 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**.

## mammoth

*adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene

*synonym* : huge, large

(1) woolly **mammoth**, (2) a **mammoth** ship

The minister decided to review its **mammoth** public works projects.

## permafrost

*n.* a layer of soil that is permanently below freezing, usually in polar regions

(1) **permafrost** area, (2) thawing **permafrost**

**Permafrost** is crucial to soil stability in arctic areas.

## quintessence

*n.* the perfect example of a quality or class

*synonym* : essence, core, heart

(1) the **quintessence** of virtue, (2) **quintessence** of life

The **quintessence** of the author's writing is the depth of emotion conveyed.

## tusk

*n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging

*synonym* : ivory, tush, horn

(1) **tusk** of an elephant, (2) **tusk-like** tooth

The ivory poacher was arrested for possession of illegal

**tusks.**

**bury**

*v.* to place a dead body in the ground, grave, or tomb  
*synonym*: entomb, sink, forget

(1) **bury** in the earth, (2) **bury** emotion

There is plenty of space to **bury** everyone.

**kinship**

*n.* the state or fact of being related to someone  
*synonym*: family, relationship, connection

(1) **kinship** ties, (2) **kinship** relations

She felt a sense of **kinship** with her new colleagues.

**steppe**

*n.* a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America

*synonym*: prairie, savannah, grassland

(1) **steppe** climate, (2) barren **steppe**

The nomadic tribes set up camp on the vast **steppe**.

**grassland**

*n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock

*synonym*: meadow, plain, savanna

(1) endangered **grassland**, (2) vast **grassland**

Meadows and pastures are examples of smaller-scale **grasslands** in many parts of the world.

**savannah**

*n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

*synonym*: grassland, plain

(1) **savannah** region, (2) tropical **savannah**

The birds live in tropical forests, **savannahs**, and arid semi-desert environments.

**glacial**

*adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized

by an extremely slow or gradual pace or movement

*synonym* : cold, icy, frozen

(1) **glacial** movements, (2) **glacial** terrain

The **glacial** pace of the negotiations frustrated both parties.

## climatic

*adj.* relating to the weather or climate

*synonym* : meteorological, weather-related, atmospheric

(1) long-term **climatic** effect, (2) **climatic** change

The **climatic** conditions in this region were ideal for growing grapes.

## encroach

*v.* to advance beyond the usual or acceptable limit gradually and often without being noticed; to infringe upon someone's territory, rights, privacy, etc.

*synonym* : invade, impinge, infringe

(1) **encroach** on the realm, (2) **encroach** on the habitat of the animal

You have no right to **encroach** on my leisure time.

## overkill

*n.* an excessive or extreme amount of something, often used to describe an unnecessary or disproportionate use of force or resources

*synonym* : excessive, surplus, extreme

(1) **overkill** strategy, (2) marketing **overkill**

The excessive use of force by the police was an example of **overkill** in their attempt to arrest a suspect.

## strew

*v.* to scatter or spread things over an area; to scatter something in an untidy way

*synonym* : scatter, sprinkle, disperse

(1) **strew** the room with balloons, (2) **strew** garbage

The wind **strew** the leaves all over the lawn.

## carcass

*n.* the dead body of an animal, especially one that has been killed for food

*synonym* : corpse, remains, body

(1) examine a **carcass**, (2) **carcass** disposal

The animal's **carcass** was found in the forest, most likely killed by a predator.

## dictate

*v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded  
*synonym*: read out, prescribe, order

(1) **dictate** a letter to secretary, (2) **dictate** to the associate

The allies **dictated** the terms of surrender to the country.

## histone

*n.* a type of protein molecule that is responsible for packing and organizing DNA into a compact structure called chromatin within the nucleus of cells

*synonym*: DNA packaging protein, nucleoprotein

(1) **histone** modification, (2) **histone** deacetylase

The DNA molecule wraps around the **histone** proteins to form a nucleosome.

## symbiotic

*adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist

(1) **symbiotic** economy, (2) **symbiotic** bacteria

We have a mutually **symbiotic** connection with them.

## devoid

*adj.* completely lacking or free from something

*synonym*: empty, lacking, void

(1) **devoid** of life, (2) air **devoid** of pollution

The room was **devoid** of any furniture or decorations.

## devise

*v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination

*synonym*: create, concoct, invent

(1) **devise** a plan, (2) **devise** a literary plot

They had to **devise** a system that did not depend on fossil fuels.

## 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.

## temperate

*adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude

*synonym*: moderate, mild, genial

(1) **temperate** grassland, (2) **temperate** behavior

The **temperate** climate of the region made it an ideal vacation spot.

## endogenous

*adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences

*synonym*: endogenic, innate, internal

(1) **endogenous** growth, (2) **endogenous** opioid system

**Endogenous** factors like genetics and personality are key in determining our behavior.

## bioinformatics

*n.* the interdisciplinary field that combines biology and computer science to analyze, interpret, and manage biological information and data, particularly in the realm of genetics, genomics, and other related areas

*synonym*: computational biology, genomics

(1) **bioinformatics** research, (2) **bioinformatics** tools

**Bioinformatics** algorithms are essential for identifying and analyzing patterns in biological data.

## jig

*n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool

*synonym* : dance, reel, minuet

(1) dancing a **jig**, (2) **jig** grinding machine

The traditional Irish **jig** is a lively folk dance involving much footwork.

## **hominid**

*n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors

*synonym* : human, primate, ancestor

(1) large-toothed **hominid**, (2) **hominid** evolution

Scientists have discovered new fossil evidence of an ancient **hominid** species.

## **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.

## **glacier**

*n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

*synonym* : iceberg, ice floe

(1) **glacier** retreat, (2) **glaciers** move tardily

The **glaciers** of the ice age have shaped Fjord.

## **ecotone**

*n.* a transition zone between two distinct ecosystems or biomes, characterized by a mixture of features and species from both areas; an area of high biodiversity due to the diversity of habitats and species found there

*synonym* : transition zone, borderland, edge habitat

(1) **ecotone** boundary, (2) diverse **ecotone**

The **ecotone** between the mountain and the valley provides a transitional habitat for various animal species.

## **interbreed**

*v.* to breed between different species or varieties

*synonym* : crossbreed, hybridize

(1) **interbreed** to produce hybrid offspring, (2) **interbreed**

plants

Lions and tigers can **interbreed** to produce a liger.

### outcompete

*v.* to be more successful in competition than someone or something

*synonym* : outperform, outdo, surpass

(1) **outcompete** peers, (2) **outcompete** domestic producers

To **outcompete** its rivals, the company invested heavily in research and development.

### enucleate

*v.* to remove the nucleus from a cell; to surgically remove the eye or the contents of the eye, leaving the scleral shell and sometimes the cornea intact

*synonym* : extract, remove, disembody

(1) **enucleate** the tumor, (2) **enucleate** cells

The surgeon will **enucleate** the eye tomorrow due to its irreversible damage.

### semen

*n.* the fluid that contains sperm and is ejaculated during sexual activity, which may fertilize an egg and lead to pregnancy

*synonym* : sperm, reproductive fluid, seed

(1) **semen** donation, (2) **semen** volume

After undergoing a **semen** analysis, the doctor told him that he had a low sperm count.

### arduous

*adj.* requiring strenuous effort; difficult and tiring, often involving physical or mental labor

*synonym* : challenging, difficult, strenuous

(1) **arduous** task, (2) an **arduous** journey

The climb up the mountain was **arduous** and took us hours to complete.

### swath

*n.* a strip of land, especially a long, narrow one; a large amount or quantity of something

*synonym* : strip, band, fodder

(1) a large **swath** of territory, (2) a **swath** of green grass



The charity organization has helped to provide education to a vast **swath** of the population.

## majestic

*adj.* impressive or grand in appearance, size, or manner;  
stately

*synonym* : grand, stately, regal

(1) a **majestic** figure, (2) a **majestic** sense of purpose

The **majestic** mountain range was a sight to behold.

## reticent

*adj.* disposed to be silent or uncommunicative; restrained or  
reluctant to speak; inclined to keep one's thoughts or  
feelings to oneself

*synonym* : reserved, quiet, introverted

(1) **reticent** nature, (2) **reticent** response

He was always **reticent** about his personal life and rarely  
shared any details with others.

## reticence

*n.* the quality or state of being hesitant or reserved in  
speaking or revealing thoughts or feelings; a reluctance  
to speak or communicate openly or freely

*synonym* : silence, reserve, reluctance

(1) persistent **reticence**, (2) underlying **reticence**

She answered the interview questions with **reticence**,  
revealing little about herself.

## ramification

*n.* the act or process of branching out or dividing into  
branches

*synonym* : fork, branching, complication

(1) **ramifications** of the scenario, (2) political **ramification**

The court's decision had many unforeseen **ramifications**.

## Session 2: Spelling

1. tropical sa\_\_\_\_ah  
*n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
2. bio\_\_\_\_\_ics research  
*n.* the interdisciplinary field that combines biology and computer science to analyze, interpret, and manage biological information and data, particularly in the realm of genetics, genomics, and other related areas
3. examine a ca\_\_\_\_s  
*n.* the dead body of an animal, especially one that has been killed for food
4. thawing per\_\_\_\_st  
*n.* a layer of soil that is permanently below freezing, usually in polar regions
5. underlying re\_\_\_\_ce  
*n.* the quality or state of being hesitant or reserved in speaking or revealing thoughts or feelings; a reluctance to speak or communicate openly or freely
6. an\_\_\_\_or language  
*n.* a person from whom one is descended; a forefather
7. ar\_\_\_\_s task  
*adj.* requiring strenuous effort; difficult and tiring, often involving physical or mental labor
8. b\_\_y emotion  
*v.* to place a dead body in the ground, grave, or tomb
9. gl\_\_\_\_l terrain  
*adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

ANSWERS: 1. savannah, 2. bioinformatics, 3. carcass, 4. permafrost, 5. reticence, 6. ancestor, 7. arduous, 8. bury, 9. glacial

10. bio\_\_\_\_\_ics tools *n.* the interdisciplinary field that combines biology and computer science to analyze, interpret, and manage biological information and data, particularly in the realm of genetics, genomics, and other related areas
11. se\_\_n volume *n.* the fluid that contains sperm and is ejaculated during sexual activity, which may fertilize an egg and lead to pregnancy
12. fu\_\_\_s infection *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
13. long-term cl\_\_\_\_\_ic effect *adj.* relating to the weather or climate
14. ho\_\_\_\_\_d evolution *n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors
15. end\_\_\_\_\_us growth *adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences
16. st\_\_\_e climate *n.* a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America

ANSWERS: 10. bioinformatics, 11. semen, 12. fungus, 13. climatic, 14. hominid, 15. endogenous, 16. steppe

17. per\_\_\_\_\_st area *n.* a layer of soil that is permanently below freezing, usually in polar regions
18. sy\_\_\_\_\_ic bacteria *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
19. endangered gr\_\_\_\_\_nd *n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
20. phe\_\_\_\_\_al success *adj.* extremely good or impressive; outstanding
21. phe\_\_\_\_\_al growth *adj.* extremely good or impressive; outstanding
22. ec\_\_\_\_\_e boundary *n.* a transition zone between two distinct ecosystems or biomes, characterized by a mixture of features and species from both areas; an area of high biodiversity due to the diversity of habitats and species found there
23. a ma\_\_\_\_\_ic figure *adj.* impressive or grand in appearance, size, or manner; stately
24. ram\_\_\_\_\_ions of the scenario *n.* the act or process of branching out or dividing into branches
25. air de\_\_\_\_d of pollution *adj.* completely lacking or free from something
26. ex\_\_\_\_\_t by human activity *adj.* no longer in existence
27. int\_\_\_\_\_ed to produce hybrid offspring *v.* to breed between different species or varieties
28. woolly ma\_\_\_\_\_h *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene

ANSWERS: 17. permafrost, 18. symbiotic, 19. grassland, 20. phenomenal, 21. phenomenal, 22. ecotone, 23. majestic, 24. ramification, 25. devoid, 26. extinct, 27. interbreed, 28. mammoth

29. out\_\_\_\_\_te domestic producers      *v.* to be more successful in competition than someone or something
30. te\_\_\_\_\_te behavior      *adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
31. a large sw\_\_h of territory      *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
32. end\_\_\_\_\_us opioid system      *adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences
33. sy\_\_\_\_\_ic economy      *adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
34. sa\_\_\_\_\_ah region      *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
35. en\_\_\_\_\_ch on the habitat of the animal      *v.* to advance beyond the usual or acceptable limit gradually and often without being noticed; to infringe upon someone's territory, rights, privacy, etc.
36. ca\_\_\_\_\_s disposal      *n.* the dead body of an animal, especially one that has been killed for food
37. re\_\_\_e an old friendship      *v.* to bring back to life, consciousness, or strength; to restore

ANSWERS: 29. outcompete, 30. temperate, 31. swath, 32. endogenous, 33. symbiotic, 34. savannah, 35. encroach, 36. carcass, 37. revive

38. dancing a j\_g *n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool
39. 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
40. se\_\_n donation *n.* the fluid that contains sperm and is ejaculated during sexual activity, which may fertilize an egg and lead to pregnancy
41. de\_\_\_e a plan *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
42. a sw\_\_h of green grass *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
43. mor\_\_\_\_\_gy of a language *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
44. b\_\_y in the earth *v.* to place a dead body in the ground, grave, or tomb
45. long-ex\_\_\_\_\_t volcano *adj.* no longer in existence
46. marketing ov\_\_\_\_\_ll *n.* an excessive or extreme amount of something, often used to describe an unnecessary or disproportionate use of force or resources

ANSWERS: 38. jig, 39. mosquito, 40. semen, 41. devise, 42. swath, 43. morphology, 44. bury, 45. extinct, 46. overkill

47. political ram\_\_\_\_\_ion *n.* the act or process of branching out or dividing into branches
48. ov\_\_\_\_\_ll strategy *n.* an excessive or extreme amount of something, often used to describe an unnecessary or disproportionate use of force or resources
49. de\_\_\_e a literary plot *v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
50. re\_\_\_\_\_nt nature *adj.* disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself
51. diverse ec\_\_\_\_\_e *n.* a transition zone between two distinct ecosystems or biomes, characterized by a mixture of features and species from both areas; an area of high biodiversity due to the diversity of habitats and species found there
52. de\_\_\_d of life *adj.* completely lacking or free from something
53. out\_\_\_\_\_te peers *v.* to be more successful in competition than someone or something
54. cellular mor\_\_\_\_\_gy *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
55. ki\_\_\_\_\_p ties *n.* the state or fact of being related to someone

ANSWERS: 47. ramification, 48. overkill, 49. devise, 50. reticent, 51. ecotone, 52. devoid, 53. outcompete, 54. morphology, 55. kinship

56. re\_\_\_\_\_nt response *adj.* disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself
57. st\_\_w the room with balloons *v.* to scatter or spread things over an area; to scatter something in an untidy way
58. gl\_\_\_\_\_l movements *adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement
59. the qui\_\_\_\_\_nce of virtue *n.* the perfect example of a quality or class
60. t\_\_k of an elephant *n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging
61. barren st\_\_\_e *n.* a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America
62. persistent re\_\_\_\_\_ce *n.* the quality or state of being hesitant or reserved in speaking or revealing thoughts or feelings; a reluctance to speak or communicate openly or freely
63. a ma\_\_\_\_\_h ship *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene

ANSWERS: 56. reticent, 57. strew, 58. glacial, 59. quintessence, 60. tusk, 61. steppe, 62. reticence, 63. mammoth



64. di\_\_\_\_\_e a letter to secretary      *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
65. qui\_\_\_\_\_nce of life      *n.* the perfect example of a quality or class
66. an ar\_\_\_\_\_s journey      *adj.* requiring strenuous effort; difficult and tiring, often involving physical or mental labor
67. hi\_\_\_\_\_e modification      *n.* a type of protein molecule that is responsible for packing and organizing DNA into a compact structure called chromatin within the nucleus of cells
68. large-toothed ho\_\_\_\_\_d      *n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors
69. di\_\_\_\_\_e to the associate      *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
70. hi\_\_\_\_\_e deacetylase      *n.* a type of protein molecule that is responsible for packing and organizing DNA into a compact structure called chromatin within the nucleus of cells
71. earliest human an\_\_\_\_\_or      *n.* a person from whom one is descended; a forefather
72. st\_\_w garbage      *v.* to scatter or spread things over an area; to scatter something in an untidy way
73. j\_g grinding machine      *n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool

ANSWERS: 64. dictate, 65. quintessence, 66. arduous, 67. histone, 68. hominid, 69. dictate, 70. histone, 71. ancestor, 72. strew, 73. jig

74. 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
75. t\_\_k-like tooth *n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging
76. en\_\_\_\_\_te the tumor *v.* to remove the nucleus from a cell; to surgically remove the eye or the contents of the eye, leaving the scleral shell and sometimes the cornea intact
77. gl\_\_\_\_\_r retreat *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
78. 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
79. a ma\_\_\_\_\_ic sense of purpose *adj.* impressive or grand in appearance, size, or manner; stately
80. en\_\_\_\_\_ch on the realm *v.* to advance beyond the usual or acceptable limit gradually and often without being noticed; to infringe upon someone's territory, rights, privacy, etc.
81. re\_\_\_\_e my energy *v.* to bring back to life, consciousness, or strength; to restore
82. ki\_\_\_\_\_p relations *n.* the state or fact of being related to someone

ANSWERS: 74. mosquito, 75. tusk, 76. enucleate, 77. glacier, 78. fungus, 79. majestic, 80. encroach, 81. revive, 82. kinship

83. te\_\_\_\_\_te grassland *adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
84. gl\_\_\_\_\_rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
85. int\_\_\_\_\_ed plants *v.* to breed between different species or varieties
86. vast gr\_\_\_\_\_nd *n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
87. en\_\_\_\_\_te cells *v.* to remove the nucleus from a cell; to surgically remove the eye or the contents of the eye, leaving the scleral shell and sometimes the cornea intact
88. cl\_\_\_\_\_ic change *adj.* relating to the weather or climate

ANSWERS: 83. temperate, 84. glacier, 85. interbreed, 86. grassland, 87. enucleate, 88. climatic

## Session 3: Fill in the Blanks

1. They \_\_\_\_\_ the tradition of holding a parade on the main street every year.  
*v.* to bring back to life, consciousness, or strength; to restore
2. She felt a sense of \_\_\_\_\_ with her new colleagues.  
*n.* the state or fact of being related to someone
3. The \_\_\_\_\_ climate of the region made it an ideal vacation spot.  
*adj.* mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude
4. After undergoing a \_\_\_\_\_ analysis, the doctor told him that he had a low sperm count.  
*n.* the fluid that contains sperm and is ejaculated during sexual activity, which may fertilize an egg and lead to pregnancy
5. The \_\_\_\_\_ conditions in this region were ideal for growing grapes.  
*adj.* relating to the weather or climate
6. Scientists have discovered new fossil evidence of an ancient \_\_\_\_\_ species.  
*n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors
7. He was always \_\_\_\_\_ about his personal life and rarely shared any details with others.  
*adj.* disposed to be silent or uncommunicative; restrained or reluctant to speak; inclined to keep one's thoughts or feelings to oneself

ANSWERS: 1. revived, 2. kinship, 3. temperate, 4. semen, 5. climatic, 6. hominid, 7. reticent

8. The excessive use of force by the police was an example of \_\_\_\_\_ in their attempt to arrest a suspect.
- n.* an excessive or extreme amount of something, often used to describe an unnecessary or disproportionate use of force or resources
9. To \_\_\_\_\_ its rivals, the company invested heavily in research and development.
- v.* to be more successful in competition than someone or something
10. The wind \_\_\_\_\_ the leaves all over the lawn.
- v.* to scatter or spread things over an area; to scatter something in an untidy way
11. The athlete's \_\_\_\_\_ performance broke all previous records.
- adj.* extremely good or impressive; outstanding
12. She answered the interview questions with \_\_\_\_\_ revealing little about herself.
- n.* the quality or state of being hesitant or reserved in speaking or revealing thoughts or feelings; a reluctance to speak or communicate openly or freely
13. My remote \_\_\_\_\_ immigrated to the United States from Ireland in the 1800s.
- n.* a person from whom one is descended; a forefather
14. They had to \_\_\_\_\_ a system that did not depend on fossil fuels.
- v.* to come up with an idea, plan, theory, etc., using your intelligence or imagination
15. The animal's \_\_\_\_\_ was found in the forest, most likely killed by a predator.
- n.* the dead body of an animal, especially one that has been killed for food

ANSWERS: 8. overkill, 9. outcompete, 10. strew, 11. phenomenal, 12. reticence, 13. ancestor, 14. devise, 15. carcass

16. 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
17. Many species have become \_\_\_\_\_ due to habitat destruction and other human activities.
- adj.* no longer in existence
18. The birds live in tropical forests, \_\_\_\_\_ and arid semi-desert environments.
- n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
19. We have a mutually \_\_\_\_\_ connection with them.
- adj.* involving two varieties of animal or plant, each of which supplies the conditions for the other to exist
20. There is plenty of space to \_\_\_\_\_ everyone.
- v.* to place a dead body in the ground, grave, or tomb
21. The climb up the mountain was \_\_\_\_\_ and took us hours to complete.
- adj.* requiring strenuous effort; difficult and tiring, often involving physical or mental labor
22. The \_\_\_\_\_ of rocks can reveal clues about their geological history.
- n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
23. The nomadic tribes set up camp on the vast \_\_\_\_\_.
- n.* a vast, wide, and usually treeless plain, typically found in semi-arid or arid regions, characterized by fertile soil and grassy vegetation, often used for grazing livestock; an expansive and open grassland ecosystem found in Eurasia and North America

ANSWERS: 16. mosquitos, 17. extinct, 18. savannahs, 19. symbiotic, 20. bury, 21.

arduous, 22. morphology, 23. steppe

24. The \_\_\_\_\_ mountain range was a sight to behold.

*adj.* impressive or grand in appearance, size, or manner; stately

25. \_\_\_\_\_ is crucial to soil stability in arctic areas.

*n.* a layer of soil that is permanently below freezing, usually in polar regions

26. The \_\_\_\_\_ pace of the negotiations frustrated both parties.

*adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

27. \_\_\_\_\_ factors like genetics and personality are key in determining our behavior.

*adj.* originating or arising from within an organism, system, or process rather than from external factors; pertaining to internal causes or influences

28. The court's decision had many unforeseen \_\_\_\_\_.

*n.* the act or process of branching out or dividing into branches

29. The traditional Irish \_\_\_\_ is a lively folk dance involving much footwork.

*n.* a lively dance with a fast tempo and typically involving hopping movements; a device or tool used for guiding or directing a cutting or drilling tool

30. The allies \_\_\_\_\_ the terms of surrender to the country.

*v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded

31. The \_\_\_\_\_ of the author's writing is the depth of emotion conveyed.

*n.* the perfect example of a quality or class

ANSWERS: 24. majestic, 25. Permafrost, 26. glacial, 27. Endogenous, 28. ramifications, 29. jig, 30. dictated, 31. quintessence



32. You have no right to \_\_\_\_\_ on my leisure time.
- v.* to advance beyond the usual or acceptable limit gradually and often without being noticed; to infringe upon someone's territory, rights, privacy, etc.
33. Lions and tigers can \_\_\_\_\_ to produce a liger.
- v.* to breed between different species or varieties
34. Meadows and pastures are examples of smaller-scale \_\_\_\_\_ in many parts of the world.
- n.* a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
35. The \_\_\_\_\_ between the mountain and the valley provides a transitional habitat for various animal species.
- n.* a transition zone between two distinct ecosystems or biomes, characterized by a mixture of features and species from both areas; an area of high biodiversity due to the diversity of habitats and species found there
36. The ivory poacher was arrested for possession of illegal \_\_\_\_\_.
- n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging
37. \_\_\_\_\_ algorithms are essential for identifying and analyzing patterns in biological data.
- n.* the interdisciplinary field that combines biology and computer science to analyze, interpret, and manage biological information and data, particularly in the realm of genetics, genomics, and other related areas
38. The room was \_\_\_\_\_ of any furniture or decorations.
- adj.* completely lacking or free from something

ANSWERS: 32. encroach, 33. interbreed, 34. grasslands, 35. ecotone, 36. tusks, 37. Bioinformatics, 38. devoid

39. The DNA molecule wraps around the \_\_\_\_\_ proteins to form a nucleosome.
- n.* a type of protein molecule that is responsible for packing and organizing DNA into a compact structure called chromatin within the nucleus of cells
40. The minister decided to review its \_\_\_\_\_ public works projects.
- adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
41. The surgeon will \_\_\_\_\_ the eye tomorrow due to its irreversible damage.
- v.* to remove the nucleus from a cell; to surgically remove the eye or the contents of the eye, leaving the scleral shell and sometimes the cornea intact
42. 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
43. The charity organization has helped to provide education to a vast \_\_\_\_\_ of the population.
- n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
44. The \_\_\_\_\_ of the ice age have shaped Fjord.
- n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

ANSWERS: 39. histone, 40. mammoth, 41. enucleate, 42. fungus, 43. swath, 44. glaciers