

# Englist.me



## Vocabulary Builder Reference from...

*Alex Gendler: Myths and misconceptions about evolution | TED Talk*

[https://www.ted.com/talks/alex\\_gendler\\_myths\\_and\\_misconceptions\\_about\\_evolution](https://www.ted.com/talks/alex_gendler_myths_and_misconceptions_about_evolution)

### All Words

#### IMPORTANT

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## Session 1: Word List

### myth

*n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people

*synonym*: fable, legend, lore

(1) the **myth** of an old religion, (2) perpetuate a **myth**

With the financial bubble bursting, the **myth** of economic growth in investment banking collapsed.

### misconception

*n.* a belief or an idea that is wrong because it has been based on faulty thinking, understanding, or hypothesis

*synonym*: fallacy, incomprehension, misunderstanding

(1) dispel the **misconception**, (2) commonly held

**misconception**

There are numerous **misconceptions** about food and health.

### evolution

*n.* a gradual process of transformation of living things

*synonym*: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

### controversial

*adj.* causing a lot of hot public discussion and dispute

*synonym*: contentious, disputed, questionable

(1) **controversial** book, (2) **controversial** policy

The issue of the death penalty is highly **controversial**.

## entirely

*adv.* completely

*synonym*: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

## adapt

*v.* to make fit for or change to suit a new purpose or environment

*synonym*: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed  
I advised him to **adapt** to his new surroundings.

## environment

*n.* the natural world such as air, water, and land in which humans, animals, and plants live

*synonym*: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

## discredit

*v.* to harm the reputation or credibility of someone or something; to make something appear untrue or unreliable

*synonym*: disprove, undermine, disgrace

(1) **discredit** a theory, (2) **discredit** a witness

The company's unethical practices have **discredited** its brand image in the eyes of consumers.

## propose

*v.* to make a proposal, declare a plan for something

*synonym*: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

## creature

*n.* a living being, especially an animal

*synonym*: being, animal, organism

(1) **creature** of habit, (2) artificial **creature**

The deep sea **creature** was unlike anything the scientists had ever seen before.

## evolve

*v.* to develop gradually, or to cause the development of something or someone gradually

*synonym*: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

## develop

*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

*synonym*: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

## trait

*n.* a particular feature of your nature

*synonym*: attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

## lifetime

*n.* the duration of someone's life or something's existence;

*synonym*: lifespan, duration

(1) **lifetime** benefits, (2) **lifetime** ban from the sport

She had lived through two world wars in her **lifetime**.

## offspring

*n.* descendant; any immature animal or plant

*synonym*: children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

## giraffe

*n.* a tall African mammal with a very long neck and legs, typically with distinctive brownish-yellow fur and dark patches; an animal often found in zoos and wildlife preserves

*synonym*: gazelle, okapi, camelopard

(1) **giraffe** pattern, (2) **giraffe** exhibit

The **giraffe's** long neck makes reaching leaves high up in the trees easy.

## stretch

*v.* to make or be capable of making anything longer or broader without hurting or breaking

*synonym*: lengthen, prolong, extend

(1) **stretch** along the coast, (2) **stretch** a story

Some herds have been observed to **stretch** hundreds of kilometers.

## branch

*n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

*synonym*: limb, twig, bough

(1) **branch** office, (2) a **branch** pipe

The **branch** of the tree had fallen and blocked the road.

## genetic

*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

*synonym*: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

## inheritance

*n.* the money, property, etc., that someone gives you when they die; (genetics) attributes acquired via biological heredity from ancestors

*synonym*: legacy, estate, heritage

(1) paternal **inheritance**, (2) **inheritance** tax

His vast **inheritance** was equitably divided among the brothers.

## individual

*n.* a single person or thing, as distinct from a group  
*synonym* : person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

## random

*adj.* made, done, or happening without method, conscious decision, or any regular pattern

*synonym* : incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

## mutation

*n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

*synonym* : metamorphosis, transformation, alteration

(1) **mutation** of DNA, (2) hereditary **mutation**

Radiation often promotes genetic **mutations** in plants and animals.

## survive

*v.* to live or exist despite a dangerous event or period

*synonym* : endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

## survival

*n.* the state of continuing to exist or live, frequently in the face of difficulty or danger

*synonym* : endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

## evolutionary

*adj.* relating to or denoting how living things develop or change from earlier forms

*synonym* : developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

**Evolutionary** algorithms can find ways to optimize that humans do not anticipate.

### suited

*adj.* appropriate, fitting, or acceptable for a particular purpose or occasion; matched or corresponding to a specific person, dress, or circumstances

*synonym* : appropriate, fitting, suitable

(1) **suited** for the job, (2) well- **suited** personality

The job offer was perfectly **suited** to her skills and experience.

### suddenly

*adv.* quickly and unexpectedly

*synonym* : abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

### disadvantage

*n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position

*synonym* : detriment, drawback, (verb) disfavor

(1) the **disadvantage** of a plan, (2) **disadvantage** small businesses

A lack of education can be a significant **disadvantage** in today's job market.

### secondly

*adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.

*synonym* : in the second place, next, subsequently

(1) **secondly** connected, (2) **secondly**, it is important

Firstly, we will discuss the budget; **secondly**, we will go over the schedule.

### reproduction

*n.* the process by which organisms create offspring; the production of something similar to an original work

*synonym* : procreation, replication, duplication

(1) **reproduction** rate, (2) **reproduction** system

The **reproduction** of the plant depends on the pollinators.

## anglerfish

*n.* a type of deep-sea fish that possesses a long, stalk-like appendage on its head with a glowing tip that it uses to attract prey; known for their unusual and often menacing appearance

(1) **anglerfish** habitat, (2) bioluminescent **anglerfish**

The deep-sea **anglerfish** is one of the ocean's most fascinating creatures, living in harsh and extreme conditions.

## reproduce

*v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

*synonym*: duplicate, breed, imitate

(1) **reproduce** the painting, (2) **reproduce** by myself

By dividing and creating copies of themselves, bacteria **reproduce**.

## useless

*adj.* not serving any useful purpose; having no practical result

*synonym*: ineffectual, unhelpful, worthless

(1) **useless** information, (2) **useless** in the kitchen

The old, rusty tools were now **useless** and had to be thrown away.

## relative

*adj.* considered and evaluated through comparison with something else

*synonym*: comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

## altruist

*n.* a person who has an unselfish or selfless concern for the welfare of others; a person who values the well-being of others over their interests or desires

*synonym*: benefactor, philanthropist, donor

(1) charitable **altruist**, (2) an **altruistic** act

The wealthy philanthropist was known as an **altruistic** individual who donated generously to many charities.

## sacrifice

*n.* the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important

*synonym* : forfeit, immolation, gift

(1) small **sacrifice** for a great cause, (2) **sacrifice** anything to get ahead

You cannot accomplish great things without a **sacrifice** of your time or money.

## sibling

*n.* a brother or sister; member of a family born to the same parents

*synonym* : brother, sister, relative

(1) have a **sibling** quarrel, (2) play with my **siblings**

Children often copy their parents or elder **siblings**.

## cousin

*n.* the child of your aunt or uncle

*synonym* : relative

(1) cross- **cousin** marriage, (2) **cousin's** family

I used to play with my younger male **cousins** when I was a little girl.

## widespread

*adj.* existing or happening in various places or among many people

*synonym* : across-the-board, overall, general

(1) **widespread** use, (2) **widespread** fear of nuclear war

In medieval times, death punishment was **widespread** and socially accepted.

## preservation

*n.* the act of keeping something in its original state or of preventing it from being damaged

*synonym* : conserving, protection, conservancy

(1) wildlife **preservation**, (2) the **preservation** of food

The museum had kept the paintings in remarkable **preservation**.



## metaphor

*n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

*synonym*: conceit, analogy, symbol

(1) **metaphor** for death, (2) visual **metaphor**

She expressed her thought in an artful choice of **metaphors**.

## mechanism

*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

*synonym*: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

## preserve

*v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

*synonym*: conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage

They worked hard to **preserve** the nature of their native lands.

## predetermine

*v.* to decide or determine in advance; to establish or influence beforehand

*synonym*: determine in advance, predestine, decide beforehand

(1) **predetermine** effectiveness, (2) **predetermine** result

I can't **predetermine** the game's outcome, and anything can happen.

## progression

*n.* the act or process of changing to the next stage or phase or moving forward

*synonym*: advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

## blind

*adj.* unable to see; unable or unwilling to perceive or understand the true nature of something

*synonym* : sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

## spot

*n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

*synonym* : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

## optic

*adj.* relating to vision or the eyes; relating to or involving light or optics

*synonym* : visual, ocular, visualized

(1) **optic** fiber, (2) **optic** illusion

The campaign ad was designed with bright colors and bold fonts for maximum **optic** impact.

## nervous

*adj.* worried and anxious about something; relating to the nerves

*synonym* : neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

## retina

*n.* the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

## photoreceptor

*n.* a specialized cell in the retina of the eye that responds to light and enables vision; there are two types of photoreceptor cells - rods and cones - that are responsible for different aspects of vision

*synonym* : rod, cone, light-sensitive cell

(1) **photoreceptor** cells, (2) damaged **photoreceptor**

Cone **photoreceptors** are responsible for color vision.

## retrospect

*n.* a review or analysis of past events, particularly to gain insight or understanding; a consideration of something that has already occurred or been accomplished

*synonym* : review, hindsight, contemplation

(1) **retrospect** review, (2) with hindsight **retrospect**

In **retrospect**, I wish I had made a different decision.

## advantageous

*adj.* providing a benefit or advantage; favorable or beneficial

*synonym* : beneficial, favorable, profitable

(1) **advantageous** conditions, (2) **advantageous** interest rate

The new job opportunity offered by the company is highly **advantageous**.

## crave

*v.* to have a strong desire for something; to long for or want intensely

*synonym* : desire, yearn, long for

(1) **crave** chocolate, (2) **crave** advice from others

She **craves** success and is always pushing herself to do better.

## nutrient

*n.* any substance that is essential for the maintenance and growth of living things

*synonym* : food, vitamin

(1) **nutrient** medicine, (2) a **nutrient** for hair

They used fast-acting **nutrients** on the flowers in the flower beds.

## vitamin

*n.* any of a group of organic compounds that are essential in small quantities to the diet and are present in natural foodstuffs or sometimes produced within the body

*synonym* : nutrient, micronutrient, dietary supplement

(1) rich in **vitamin** D, (2) **vitamin** deficiency

**Vitamin** C is important for immune system function and skin

health.

## calorie

*n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce

(1) **calorie** calculation, (2) reduce my **calorie** intake

It would be best if you burned off **calories** through vigorous exercise.

## millennium

*n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)

(1) past **millennium**, (2) **millennium** bottle of wine

Our world is in the third **millennium**.

## 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.

## scarce

*adj.* not abundant or plentiful, and therefore not easy to find or obtain

*synonym*: rare, limited, sparse

(1) **scarce** resources, (2) capital- **scarce** country

Fresh water is becoming increasingly **scarce** in many parts of the world.

## anticipate

*v.* to expect or predict that something will happen; to tell in advance

*synonym*: forecast, predict, expect

(1) **anticipate** your kind cooperation, (2) **anticipate** a black future

We **anticipate** heavy snowfall tomorrow.

## proceeds

*n.* the money or profit earned from a particular activity or venture; the total amount collected from a sale or

fundraiser

*synonym*: earnings, profits, income

(1) **proceeds** of a sale, (2) criminal **proceeds**

The **proceeds** from the charity auction will go towards building a school in a developing country.

**diversity**

*n.* the quality or fact of many different types of things or people being included in something; a range of different things or people

*synonym*: variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**

He was impressed by the range and **diversity** of the collection.

## Session 2: Spelling

- |                                      |  |
|--------------------------------------|--|
| 1. paternal inh_____ce               | <i>n.</i> the money, property, etc., that someone gives you when they die; (genetics) attributes acquired via biological heredity from ancestors |
| 2. the dis_____age of a plan         | <i>n.</i> a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position                            |
| 3. li_____me ban from the sport      | <i>n.</i> the duration of someone's life or something's existence;   |
| 4. artificial cr_____re              | <i>n.</i> a living being, especially an animal   |
| 5. se_____ly, it is important        | <i>adv.</i> used to introduce the second point or item in a list or series of statements, considerations, etc.                                   |
| 6. dispel the mis_____ion            | <i>n.</i> a belief or an idea that is wrong because it has been based on faulty thinking, understanding, or hypothesis                           |
| 7. cr_____re of habit                | <i>n.</i> a living being, especially an animal   |
| 8. earliest human an_____or          | <i>n.</i> a person from whom one is descended; a forefather  |
| 9. pr_____e changes                  | <i>v.</i> to make a proposal, declare a plan for something   |
| 10. ant_____te your kind cooperation | <i>v.</i> to expect or predict that something will happen; to tell in advance  |
| 11. inh_____ce tax                   | <i>n.</i> the money, property, etc., that someone gives you when they die; (genetics) attributes acquired via biological heredity from ancestors |

ANSWERS: 1. inheritance, 2. disadvantage, 3. lifetime, 4. creature, 5. secondly, 6. misconception, 7. creature, 8. ancestor, 9. propose, 10. anticipate, 11. inheritance

12. visual me\_\_\_\_or *n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
13. re\_\_\_\_\_ce by myself *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
14. chemical tr\_\_t *n.* a particular feature of your nature
15. criminal pr\_\_\_\_ds *n.* the money or profit earned from a particular activity or venture; the total amount collected from a sale or fundraiser
16. he was en\_\_\_\_\_ly to blame *adv.* completely
17. a br\_\_\_h pipe *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
18. di\_\_\_\_\_it a witness *v.* to harm the reputation or credibility of someone or something; to make something appear untrue or unreliable
19. me\_\_\_\_or for death *n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
20. the di\_\_\_\_\_ty policy of the university *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people

ANSWERS: 12. metaphor, 13. reproduce, 14. trait, 15. proceeds, 16. entirely, 17. branch, 18. discredit, 19. metaphor, 20. diversity

21. pr\_\_\_\_ve my strength      *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
22. chaotic env\_\_\_\_nt      *n.* the natural world such as air, water, and land in which humans, animals, and plants live
23. ca\_\_\_\_e calculation      *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
24. re\_\_\_\_ve factors      *adj.* considered and evaluated through comparison with something else
25. have ge\_\_\_\_c testing      *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
26. a ra\_\_\_\_m choice      *adj.* made, done, or happening without method, conscious decision, or any regular pattern
27. sc\_\_\_\_e resources      *adj.* not abundant or plentiful, and therefore not easy to find or obtain
28. bl\_\_d to the beauties      *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
29. vi\_\_\_\_n deficiency      *n.* any of a group of organic compounds that are essential in small quantities to the diet and are present in natural foodstuffs or sometimes produced within the body

ANSWERS: 21. preserve, 22. environment, 23. calorie, 24. relative, 25. genetic, 26. random, 27. scarce, 28. blind, 29. vitamin



30. de\_\_\_\_p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
31. play with my si\_\_\_\_gs *n.* a brother or sister; member of a family born to the same parents
32. st\_\_\_\_h a story *v.* to make or be capable of making anything longer or broader without hurting or breaking
33. st\_\_\_\_h along the coast *v.* to make or be capable of making anything longer or broader without hurting or breaking
34. pho\_\_\_\_tor cells *n.* a specialized cell in the retina of the eye that responds to light and enables vision; there are two types of photoreceptor cells - rods and cones - that are responsible for different aspects of vision
35. br\_\_\_\_h office *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
36. co\_\_\_\_n's family *n.* the child of your aunt or uncle
37. op\_\_c illusion *adj.* relating to vision or the eyes; relating to or involving light or optics
38. damaged pho\_\_\_\_tor *n.* a specialized cell in the retina of the eye that responds to light and enables vision; there are two types of photoreceptor cells - rods and cones - that are responsible for different aspects of vision

ANSWERS: 30. develop, 31. sibling, 32. stretch, 33. stretch, 34. photoreceptor, 35. branch, 36. cousin, 37. optic, 38. photoreceptor

39. defense me\_\_\_\_\_sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
40. small sa\_\_\_\_\_ce for a great cause *n.* the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important
41. sa\_\_\_\_\_ce anything to get ahead *n.* the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important
42. con\_\_\_\_\_ial policy *adj.* causing a lot of hot public discussion and dispute
43. su\_\_\_\_\_e a plane crash *v.* to live or exist despite a dangerous event or period
44. pr\_\_\_\_\_ds of a sale *n.* the money or profit earned from a particular activity or venture; the total amount collected from a sale or fundraiser
45. de\_\_\_\_\_p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 39. mechanism, 40. sacrifice, 41. sacrifice, 42. controversial, 43. survive, 44. proceeds, 45. develop

46. re\_\_\_\_\_ce the painting      *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
47. a private ind\_\_\_\_\_al      *n.* a single person or thing, as distinct from a group
48. su\_\_\_\_d for the job      *adj.* appropriate, fitting, or acceptable for a particular purpose or occasion; matched or corresponding to a specific person, dress, or circumstances
49. ev\_\_\_\_e over the past decade      *v.* to develop gradually, or to cause the development of something or someone gradually
50. well-su\_\_\_\_d personality      *adj.* appropriate, fitting, or acceptable for a particular purpose or occasion; matched or corresponding to a specific person, dress, or circumstances
51. human ev\_\_\_\_\_on      *n.* a gradual process of transformation of living things
52. pre\_\_\_\_\_ine result      *v.* to decide or determine in advance; to establish or influence beforehand
53. us\_\_\_\_\_s in the kitchen      *adj.* not serving any useful purpose; having no practical result
54. ret\_\_\_\_\_ct review      *n.* a review or analysis of past events, particularly to gain insight or understanding; a consideration of something that has already occurred or been accomplished
55. ind\_\_\_\_\_al freedom      *n.* a single person or thing, as distinct from a group

ANSWERS: 46. reproduce, 47. individual, 48. suited, 49. evolve, 50. suited, 51. evolution, 52. predetermine, 53. useless, 54. retrospect, 55. individual

56. an\_\_\_\_or language *n.* a person from whom one is descended; a forefather
57. the me\_\_\_\_\_sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
58. the m\_\_h of an old religion *n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
59. commonly held mis\_\_\_\_\_ion *n.* a belief or an idea that is wrong because it has been based on faulty thinking, understanding, or hypothesis
60. pr\_\_\_\_\_e the amendment *v.* to make a proposal, declare a plan for something
61. bioluminescent ang\_\_\_\_\_sh *n.* a type of deep-sea fish that possesses a long, stalk-like appendage on its head with a glowing tip that it uses to attract prey; known for their unusual and often menacing appearance
62. ant\_\_\_\_\_te a black future *v.* to expect or predict that something will happen; to tell in advance
63. hereditary mu\_\_\_\_\_on *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
64. an al\_\_\_\_\_stic act *n.* a person who has an unselfish or selfless concern for the welfare of others; a person who values the well-being of others over their interests or desires

ANSWERS: 56. ancestor, 57. mechanism, 58. myth, 59. misconception, 60. propose, 61. anglerfish, 62. anticipate, 63. mutation, 64. altruist

65. lingual di\_\_\_\_\_ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
66. beauty s\_\_t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
67. wid\_\_\_\_\_ad fear of nuclear war *adj.* existing or happening in various places or among many people
68. re\_\_\_al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
69. the pre\_\_\_\_\_ion of food *n.* the act of keeping something in its original state or of preventing it from being damaged
70. personality tr\_\_ts *n.* a particular feature of your nature
71. have a si\_\_\_\_\_g quarrel *n.* a brother or sister; member of a family born to the same parents
72. past mil\_\_\_\_\_um *n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
73. cr\_\_e advice from others *v.* to have a strong desire for something; to long for or want intensely
74. die su\_\_\_\_\_ly *adv.* quickly and unexpectedly
75. su\_\_\_\_\_al ability *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
76. li\_\_\_\_\_me benefits *n.* the duration of someone's life or something's existence;
77. cr\_\_e chocolate *v.* to have a strong desire for something; to long for or want intensely

ANSWERS: 65. diversity, 66. spot, 67. widespread, 68. retina, 69. preservation, 70. trait, 71. sibling, 72. millennium, 73. crave, 74. suddenly, 75. survival, 76. lifetime, 77. crave

78. female of \_\_\_\_\_ng *n.* descendant; any immature animal or plant
79. adv \_\_\_\_\_ous conditions *adj.* providing a benefit or advantage; favorable or beneficial
80. pre \_\_\_\_\_ine effectiveness *v.* to decide or determine in advance; to establish or influence beforehand
81. rep \_\_\_\_\_ion rate *n.* the process by which organisms create offspring; the production of something similar to an original work
82. reduce my ca \_\_\_\_\_e intake *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
83. gi \_\_\_\_\_e pattern *n.* a tall African mammal with a very long neck and legs, typically with distinctive brownish-yellow fur and dark patches; an animal often found in zoos and wildlife preserves
84. wildlife pre \_\_\_\_\_ion *n.* the act of keeping something in its original state or of preventing it from being damaged
85. di \_\_\_\_\_it a theory *v.* to harm the reputation or credibility of someone or something; to make something appear untrue or unreliable
86. ev \_\_\_\_\_on theory *n.* a gradual process of transformation of living things
87. with hindsight ret \_\_\_\_\_ct *n.* a review or analysis of past events, particularly to gain insight or understanding; a consideration of something that has already occurred or been accomplished

ANSWERS: 78. offspring, 79. advantageous, 80. predetermine, 81. reproduction, 82. calorie, 83. giraffe, 84. preservation, 85. discredit, 86. evolution, 87. retrospect

88. su\_\_\_\_e a blizzard  
*v.* to live or exist despite a dangerous event or period
89. pro\_\_\_\_\_on of disease  
*n.* the act or process of changing to the next stage or phase or moving forward
90. mil\_\_\_\_\_um bottle of wine  
*n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
91. ad\_\_t fully to the environment  
*v.* to make fit for or change to suit a new purpose or environment
92. a remote re\_\_\_\_ve  
*adj.* considered and evaluated through comparison with something else
93. bl\_\_d spot  
*adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
94. charitable al\_\_\_\_st  
*n.* a person who has an unselfish or selfless concern for the welfare of others; a person who values the well-being of others over their interests or desires
95. rep\_\_\_\_\_ion system  
*n.* the process by which organisms create offspring; the production of something similar to an original work
96. bombs fell at ra\_\_\_\_m  
*adj.* made, done, or happening without method, conscious decision, or any regular pattern
97. ev\_\_\_\_e  
*v.* to develop gradually, or to cause the development of something or someone gradually
98. re\_\_\_\_a scanner  
*n.* the innermost light-sensitive membrane covering the back wall of the eyeball

ANSWERS: 88. survive, 89. progression, 90. millennium, 91. adapt, 92. relative, 93. blind, 94. altruist, 95. reproduction, 96. random, 97. evolve, 98. retina

99. dis\_\_\_\_\_age small businesses *n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position
100. pro\_\_\_\_\_on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
101. rich in vi\_\_\_\_\_n D *n.* any of a group of organic compounds that are essential in small quantities to the diet and are present in natural foodstuffs or sometimes produced within the body
102. en\_\_\_\_\_ly satisfied with the meal *adv.* completely
103. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
104. a ge\_\_\_\_\_c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
105. gi\_\_\_\_\_e exhibit *n.* a tall African mammal with a very long neck and legs, typically with distinctive brownish-yellow fur and dark patches; an animal often found in zoos and wildlife preserves
106. su\_\_\_\_\_ly attacked by an enemy *adv.* quickly and unexpectedly
107. su\_\_\_\_\_al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
108. capital-sc\_\_\_\_\_e country *adj.* not abundant or plentiful, and therefore not easy to find or obtain
109. cross-co\_\_\_\_\_n marriage *n.* the child of your aunt or uncle

ANSWERS: 99. disadvantage, 100. progression, 101. vitamin, 102. entirely, 103. environment, 104. genetic, 105. giraffe, 106. suddenly, 107. survival, 108. scarce, 109. cousin



110. a s\_\_t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
111. the evo\_\_\_\_\_ary process *adj.* relating to or denoting how living things develop or change from earlier forms
112. nu\_\_\_\_\_nt medicine *n.* any substance that is essential for the maintenance and growth of living things
113. get ne\_\_\_\_\_s *adj.* worried and anxious about something; relating to the nerves
114. adv\_\_\_\_\_ous interest rate *adj.* providing a benefit or advantage; favorable or beneficial
115. op\_\_c fiber *adj.* relating to vision or the eyes; relating to or involving light or optics
116. wid\_\_\_\_\_ad use *adj.* existing or happening in various places or among many people
117. ecology and evo\_\_\_\_\_ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
118. se\_\_\_\_\_ly connected *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
119. mu\_\_\_\_\_on of DNA *n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
120. ang\_\_\_\_\_sh habitat *n.* a type of deep-sea fish that possesses a long, stalk-like appendage on its head with a glowing tip that it uses to attract prey; known for their unusual and often menacing appearance
121. a nu\_\_\_\_\_nt for hair *n.* any substance that is essential for the maintenance and growth of living things

ANSWERS: 110. spot, 111. evolutionary, 112. nutrient, 113. nervous, 114. advantageous, 115. optic, 116. widespread, 117. evolutionary, 118. secondly, 119. mutation, 120. anglerfish, 121. nutrient

122. ad\_\_t as needed      *v.* to make fit for or change to suit a new purpose or environment
123. con\_\_\_\_\_ial book      *adj.* causing a lot of hot public discussion and dispute
124. pr\_\_\_\_\_ve a country's heritage      *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
125. perpetuate a m\_\_h      *n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
126. us\_\_\_\_\_s information      *adj.* not serving any useful purpose; having no practical result
127. produce of\_\_\_\_\_ng      *n.* descendant; any immature animal or plant
128. development of the ne\_\_\_\_\_s system      *adj.* worried and anxious about something; relating to the nerves

ANSWERS: 122. adapt, 123. controversial, 124. preserve, 125. myth, 126. useless, 127. offspring, 128. nervous

## Session 3: Fill in the Blanks

1. You cannot accomplish great things without a \_\_\_\_\_ of your time or money.  
*n.* the act of killing an animal or person or surrendering a possession as an offering to a deity; (verb) to give up something important or valuable to help another person or get or do something that seems more important
2. They used fast-acting \_\_\_\_\_ on the flowers in the flower beds.  
*n.* any substance that is essential for the maintenance and growth of living things
3. He evaluated his chances for \_\_\_\_\_ rather pessimistically.  
*n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
4. This remote \_\_\_\_\_ is rarely visited.  
*n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
5. Cone \_\_\_\_\_ are responsible for color vision.  
*n.* a specialized cell in the retina of the eye that responds to light and enables vision; there are two types of photoreceptor cells - rods and cones - that are responsible for different aspects of vision
6. The issue of the death penalty is highly \_\_\_\_\_.  
*adj.* causing a lot of hot public discussion and dispute
7. His vast \_\_\_\_\_ was equitably divided among the brothers.  
*n.* the money, property, etc., that someone gives you when they die; (genetics) attributes acquired via biological heredity from ancestors

ANSWERS: 1. sacrifice, 2. nutrients, 3. survival, 4. spot, 5. photoreceptors, 6. controversial, 7. inheritance

8. Fresh water is becoming increasingly \_\_\_\_\_ in many parts of the world.  
*adj.* not abundant or plentiful, and therefore not easy to find or obtain
9. We \_\_\_\_\_ heavy snowfall tomorrow.  
*v.* to expect or predict that something will happen; to tell in advance
10. Eyeless fish \_\_\_\_\_ in dark caves.  
*v.* to develop gradually, or to cause the development of something or someone gradually
11. The campaign ad was designed with bright colors and bold fonts for maximum \_\_\_\_\_ impact.  
*adj.* relating to vision or the eyes; relating to or involving light or optics
12. She \_\_\_\_\_ success and is always pushing herself to do better.  
*v.* to have a strong desire for something; to long for or want intensely
13. The old, rusty tools were now \_\_\_\_\_ and had to be thrown away.  
*adj.* not serving any useful purpose; having no practical result
14. He suffers from \_\_\_\_\_ breakdowns.  
*adj.* worried and anxious about something; relating to the nerves
15. Damage to the \_\_\_\_\_ may play a role in the development of glaucoma.  
*n.* the innermost light-sensitive membrane covering the back wall of the eyeball
16. Children often copy their parents or elder \_\_\_\_\_.  
*n.* a brother or sister; member of a family born to the same parents

ANSWERS: 8. scarce, 9. anticipate, 10. evolved, 11. optic, 12. craves, 13. useless, 14. nervous, 15. retina, 16. siblings

17. \_\_\_\_\_ C is important for immune system function and skin health.  
*n.* any of a group of organic compounds that are essential in small quantities to the diet and are present in natural foodstuffs or sometimes produced within the body
18. How many \_\_\_\_\_ does the average lion have?  
*n.* descendant; any immature animal or plant
19. With the financial bubble bursting, the \_\_\_\_\_ of economic growth in investment banking collapsed.  
*n.* an ancient story or set of stories accepted as history, especially explaining the worldview of a people
20. Our world is in the third \_\_\_\_\_.  
*n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
21. They study the \_\_\_\_\_ of the universe.  
*n.* a gradual process of transformation of living things
22. Understanding protein folding is a vital step in deciphering the \_\_\_\_\_ code.  
*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
23. Who answers \_\_\_\_\_ knows little.  
*adv.* quickly and unexpectedly
24. The new job opportunity offered by the company is highly \_\_\_\_\_.  
*adj.* providing a benefit or advantage; favorable or beneficial
25. Most countries prohibit sexual activity between certain close \_\_\_\_\_.  
*adj.* considered and evaluated through comparison with something else

ANSWERS: 17. Vitamin, 18. offspring, 19. myth, 20. millennium, 21. evolution, 22. genetic, 23. suddenly, 24. advantageous, 25. relatives

26. These birds can only \_\_\_\_\_ in temperate climates.
- v.* to live or exist despite a dangerous event or period
27. The deep-sea \_\_\_\_\_ is one of the ocean's most fascinating creatures, living in harsh and extreme conditions.
- n.* a type of deep-sea fish that possesses a long, stalk-like appendage on its head with a glowing tip that it uses to attract prey; known for their unusual and often menacing appearance
28. It would be best if you burned off \_\_\_\_\_ through vigorous exercise.
- n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
29. The \_\_\_\_\_ from the charity auction will go towards building a school in a developing country.
- n.* the money or profit earned from a particular activity or venture; the total amount collected from a sale or fundraiser
30. By dividing and creating copies of themselves, bacteria \_\_\_\_\_.
- v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
31. There are numerous \_\_\_\_\_ about food and health.
- n.* a belief or an idea that is wrong because it has been based on faulty thinking, understanding, or hypothesis
32. The museum had kept the paintings in remarkable \_\_\_\_\_.
- n.* the act of keeping something in its original state or of preventing it from being damaged

ANSWERS: 26. survive, 27. anglerfish, 28. calories, 29. proceeds, 30. reproduce, 31. misconceptions, 32. preservation

33. She was nearly \_\_\_\_\_ due to severe diabetes.

*adj.* unable to see; unable or unwilling to perceive or understand the true nature of something

34. The job offer was perfectly \_\_\_\_\_ to her skills and experience.

*adj.* appropriate, fitting, or acceptable for a particular purpose or occasion; matched or corresponding to a specific person, dress, or circumstances

35. Multiple genes may influence behavioral \_\_\_\_\_ concurrently.

*n.* a particular feature of your nature

36. I can't \_\_\_\_\_ the game's outcome, and anything can happen.

*v.* to decide or determine in advance; to establish or influence beforehand

37. They worked hard to \_\_\_\_\_ the nature of their native lands.

*v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

38. He discovered unique \_\_\_\_\_ for photochemical reactions.

*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

39. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.

*n.* a single person or thing, as distinct from a group

40. Every human is responsible for taking care of the Earth's \_\_\_\_\_.

*n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 33. blind, 34. suited, 35. traits, 36. predetermine, 37. preserve, 38. mechanisms, 39. individual, 40. environment

41. My remote \_\_\_\_\_ immigrated to the United States from Ireland in the 1800s.  
*n.* a person from whom one is descended; a forefather
42. She had lived through two world wars in her \_\_\_\_\_.  
*n.* the duration of someone's life or something's existence;
43. She expressed her thought in an artful choice of \_\_\_\_\_.  
*n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
44. The company has made great strides in its \_\_\_\_\_ toward sustainability.  
*n.* the act or process of changing to the next stage or phase or moving forward
45. The \_\_\_\_\_ of the plant depends on the pollinators.  
*n.* the process by which organisms create offspring; the production of something similar to an original work
46. \_\_\_\_\_ algorithms can find ways to optimize that humans do not anticipate.  
*adj.* relating to or denoting how living things develop or change from earlier forms
47. We must \_\_\_\_\_ a new system to streamline our workflow and increase efficiency.  
*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
48. A lack of education can be a significant \_\_\_\_\_ in today's job market.  
*n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position

ANSWERS: 41. ancestor, 42. lifetime, 43. metaphors, 44. progression, 45. reproduction, 46. Evolutionary, 47. develop, 48. disadvantage



49. He was impressed by the range and \_\_\_\_\_ of the collection.
- n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
50. The deep sea \_\_\_\_\_ was unlike anything the scientists had ever seen before.
- n.* a living being, especially an animal
51. The \_\_\_\_\_ long neck makes reaching leaves high up in the trees easy.
- n.* a tall African mammal with a very long neck and legs, typically with distinctive brownish-yellow fur and dark patches; an animal often found in zoos and wildlife preserves
52. Some herds have been observed to \_\_\_\_\_ hundreds of kilometers.
- v.* to make or be capable of making anything longer or broader without hurting or breaking
53. Firstly, we will discuss the budget; \_\_\_\_\_ we will go over the schedule.
- adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
54. Later, his claim was found to be \_\_\_\_\_ false.
- adv.* completely
55. The wealthy philanthropist was known as an \_\_\_\_\_ individual who donated generously to many charities.
- n.* a person who has an unselfish or selfless concern for the welfare of others; a person who values the well-being of others over their interests or desires
56. I used to play with my younger male \_\_\_\_\_ when I was a little girl.
- n.* the child of your aunt or uncle

ANSWERS: 49. diversity, 50. creature, 51. giraffe's, 52. stretch, 53. secondly, 54. entirely, 55. altruistic, 56. cousins

57. I advised him to \_\_\_\_\_ to his new surroundings.

*v.* to make fit for or change to suit a new purpose or environment

58. The company's unethical practices have \_\_\_\_\_ its brand image in the eyes of consumers.

*v.* to harm the reputation or credibility of someone or something; to make something appear untrue or unreliable

59. In \_\_\_\_\_ I wish I had made a different decision.

*n.* a review or analysis of past events, particularly to gain insight or understanding; a consideration of something that has already occurred or been accomplished

60. I want to \_\_\_\_\_ a toast in honor of our longstanding relationship.

*v.* to make a proposal, declare a plan for something

61. Radiation often promotes genetic \_\_\_\_\_ in plants and animals.

*n.* the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

62. The \_\_\_\_\_ of the tree had fallen and blocked the road.

*n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

63. To find drunk drivers, police conduct \_\_\_\_\_ tests.

*adj.* made, done, or happening without method, conscious decision, or any regular pattern

64. In medieval times, death punishment was \_\_\_\_\_ and socially accepted.

*adj.* existing or happening in various places or among many people

ANSWERS: 57. adapt, 58. discredited, 59. retrospect, 60. propose, 61. mutations, 62. branch, 63. random, 64. widespread

ANSWERS: