

# Englist.me



## Vocabulary Builder Reference from...

Aaron Reedy: Sex determination: More complicated than you thought | TED Talk

[https://www.ted.com/talks/aaron\\_reedy\\_sex\\_determination\\_more\\_complicated\\_than\\_you\\_thought](https://www.ted.com/talks/aaron_reedy_sex_determination_more_complicated_than_you_thought)

### All Words

#### IMPORTANT

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## Session 1: Word List

### pregnant

*adj.* having a baby or young animal developing in the uterus  
*synonym* : expectant

(1) needs of **pregnant** women, (2) a silence **pregnant** with suspense

She vacated the position when she got **pregnant**.

### bump

*v.* to hit or knock against something hard, often with a dull sound; to meet with by accident

*synonym* : collide, hit, jolt

(1) **bump** against a wall, (2) **bump** up prices

She accidentally **bumped** into him in the crowded room.

### assume

*v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

*synonym* : guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

### grant

*v.* to agree to give or allow somebody

*synonym* : allocate, authorize, give

(1) **grant** a new license, (2) **grant** a land  
The chairperson **granted** him the right to speak.

## biology

*n.* the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**  
In junior high school, we had to dissect a frog in **biology** class.

## determination

*n.* the quality of being persistent and purposeful; the act of finding out the exact nature or essence of something  
*synonym*: resolve, willpower, conviction

(1) a steely **determination**, (2) **determination** of a DNA sequence  
His **determination** to succeed was unwavering, even in the face of adversity.

## 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.

## determinant

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

*synonym*: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

## genetically

*adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

*synonym*: hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

## chromosome

*n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

*synonym*: DNA

(1) a sex **chromosome**, (2) the end of **chromosome**

Human females normally have two X **chromosomes**.

## mammal

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

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

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

## sperm

*n.* the reproductive cell produced by a man or male animal

*synonym*: seed, semen, seminal fluid

(1) man with a low **sperm** count, (2) production of **sperm**

The male **sperm** fertilizes the female egg.

## 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.

## reptile

*n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

*synonym*: lizard, serpent, snake

(1) **reptile** exhibition, (2) fossil **reptile**

Alligators are a type of **reptile** that live in swamps and rivers.

- ant** *n.* a very small insect that lives under the ground or in a mound in highly organized groups  
*synonym* : pismire, insect  
(1) a white **ant**, (2) **ant** bite  
We can find many large **ant** mounds in this area.
- colony** *n.* a country or an area that is governed by a more powerful country that is often far away  
*synonym* : settlement, territory, plantation  
(1) plant a **colony**, (2) a **colony** of bacteria  
The **colony** declared its independence and became a republic.
- dramatic** *adj.* very sudden, very excellent, or full of action and excitement  
*synonym* : striking, theatrical, breathtaking  
(1) make **dramatic** changes, (2) a **dramatic** rescue at sea  
The statement had a **dramatic** impact on house prices.
- division** *n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector  
*synonym* : branch, separator, section  
(1) cellular **division**, (2) **division** chief  
Which **division** of the company do you work in?
- labor** *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal  
*synonym* : toil, moil, donkeywork  
(1) seasonal **labor**, (2) manual **labor**  
In several countries, child **labor** is a serious social problem.
- defend** *v.* to protect someone or something from attack, criticism, danger, etc.  
*synonym* : protect, guard, support  
(1) **defend** my country, (2) **defend** against a threat

International law allows each nation to **defend** itself when its rights and interests are illegally violated.

## nest

*n.* a structure in which animals lay their eggs or give birth to their young

*synonym* : roost, perch, burrow

(1) bird's **nest**, (2) a **nest** of thieves

The female birds build a **nest** and lay their eggs in May.

## reproductive

*adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants

*synonym* : procreative, generative

(1) **reproductive** ability, (2) during **reproductive** period

This documentary deals with the **reproductive** biology of the buffalo.

## fertilize

*v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

*synonym* : pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

## diploid

*adj.* relating to a cell or organism with two complete sets of chromosomes (= long, thread-like molecules made of DNA and proteins); (noun) cells that contain two complete sets of chromosomes, one from each parent

*synonym* : doubled, matched, paired

(1) **diploid** nuclei, (2) **diploid** organism

The **diploid** cells contain two sets of chromosomes, one from each parent, allowing for genetic variation.

## insect

*n.* any small creature that has six legs and a body divided into three sections

(1) **insect** antenna, (2) **insect** biology

These **insects** are more prevalent above a certain latitude.

## wasp

*n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals

*synonym* : insect, hornet, yellow jacket

(1) **wasp** nest, (2) **wasp** sting

A giant **wasp** flew into the room, and everyone panicked.

## genetics

*n.* the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.

## alligator

*n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China

*synonym* : crocodile, caiman, gator

(1) **alligator** habitat, (2) **alligator** watch strap

**Alligator** skin is used to make purses, boots, and other luxury goods.

## embryo

*n.* an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed

*synonym* : fetus, seed, origin

(1) destruction of human **embryos**, (2) **embryo** cloning

Our latest project is still at the **embryo** stage.

## 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.

## temperature

*n.* the degree of hotness or coldness of a thing or place  
*synonym*: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

## undetermined

*n.* not yet resolved or concluded; not decided; indefinite; lacking clear limits or boundaries; (of mathematics) cannot be calculated because it is dependent on unknown factors

*synonym*: uncertain, undecided, unresolved

(1) fever of **undetermined** origin, (2) **undetermined** coefficient

The cause of the accident is **undetermined** at this time.

## critic

*n.* someone who expresses opinions about the quality of books, music, etc.

*synonym*: pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

## mnemonic

*adj.* aiding or designed to aid memory; relating to the use of memory techniques

*synonym*: memorable, unforgettable, mnemotechnical

(1) **mnemonic** technique, (2) **mnemonic** alphabet

We were taught a variety of **mnemonic** devices to help us remember important facts for the exam.

## chick

*n.* a baby bird, especially a young chicken

*synonym*: biddy, fledgling, nestling

(1) baby **chick**, (2) **chick** sorting

The majority of the **chicks** are raised on local family farms.

## settle

*v.* to reach an agreement of disagreement

*synonym*: inhabit, occupy, decide

(1) **settle** a dispute, (2) **settle** down in the town  
I don't want to **settle** for second best.

## clownfish

*n.* a small tropical marine fish, typically brightly colored, that belongs to a subfamily of the damselfish family and is known for its symbiotic relationship with sea anemones

(1) **clownfish** habitat, (2) **clownfish** behavior  
My aquarium's centerpiece is a vibrant **clownfish** duo darting between the coral structures.

## strict

*adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.

*synonym*: rigorous, inflexible, relentless

(1) **strict** compliance regime, (2) in **strict** secrecy  
Too **strict** a regulation for the private sector will stifle innovation.

## dominance

*n.* the state or quality of being the most powerful or influential person or group

*synonym*: control, mastery, supremacy

(1) **dominance** of traits, (2) **dominance** relationship  
The company has maintained its **dominance** in the market for several years.

## hierarchy

*n.* a system in which people or things are organized into different levels of importance from highest to lowest

*synonym*: ranking, order, scale

(1) top of the **hierarchy**, (2) **hierarchy** of folders  
She has taken a step up in the organizational **hierarchy**.

## dominant

*adj.* more important, influential, or easy to notice than anything else of the same type

*synonym*: chief, predominant, prevailing

(1) achieve a **dominant** share, (2) **dominant** force  
Her company soon won a **dominant** market share.



## 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**.

## amazing

*adj.* extremely surprising, especially in a way that you like or admire

*synonym* : exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling  
The golfer recorded an **amazing** distance.

## rank

*n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others

*synonym* : position, status, standing

(1) **rank** amateur, (2) high **rank**  
He was promoted to the **rank** of captain in the military.

## worm

*n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

(1) wiggly **worms**, (2) can of **worms**

**Worms** help dispose of the food waste produced by humans.

## aspect

*n.* one part or feature of a situation, problem, subject, etc.

*synonym* : characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

## 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**.

## larva

*n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

*synonym* : caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

## 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.

## whip

*v.* to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.

*synonym* : thrash, flog, scourge

(1) **whip** egg whites, (2) **whip** into shape

The jockey **whipped** the horse hard to take first place.

## lizard

*n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail

(1) giant **lizard**, (2) **lizard** leather

The **lizard's** tail regenerates if severed.

## desert

*n.* arid land with little or no vegetation often covered with sand or rocks

(1) **desert** basin, (2) oasis in the **desert**

This region is predominantly **desert**.

## hatch

*v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

*synonym* : incubate, breed, produce

(1) **hatch** a plan, (2) **hatch** a baby chick

The eggs began to **hatch**, and the small chicks emerged.

## clone

*n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation

*synonym*: duplicate, imitation, reproduction

(1) **clone** embryo, (2) recombinant **clone**

He is like an exact **clone** of his brother.

## kingdom

*n.* the country ruled by a king or queen

*synonym*: empire, realm, land

(1) establish his **kingdom**, (2) a subordinate **kingdom**

By remaining neutral, this **kingdom** continued to exist.

## Session 2: Spelling

1. cl\_\_\_\_\_sh habitat *n.* a small tropical marine fish, typically brightly colored, that belongs to a subfamily of the damselfish family and is known for its symbiotic relationship with sea anemones
2. cl\_\_\_\_\_sh behavior *n.* a small tropical marine fish, typically brightly colored, that belongs to a subfamily of the damselfish family and is known for its symbiotic relationship with sea anemones
3. ha\_\_h a plan *v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
4. as\_\_\_e a lousy attitude to his boss *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
5. bombs fell at ra\_\_\_m *adj.* made, done, or happening without method, conscious decision, or any regular pattern
6. 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
7. the atmospheric tem\_\_\_\_\_re *n.* the degree of hotness or coldness of a thing or place

ANSWERS: 1. clownfish, 2. clownfish, 3. hatch, 4. assume, 5. random, 6. reproduce, 7. temperature

8. det\_\_\_\_\_ion of a DNA sequence     *n.* the quality of being persistent and purposeful; the act of finding out the exact nature or essence of something
9. as\_\_\_ts of social, political, and economic life     *n.* one part or feature of a situation, problem, subject, etc.
10. di\_\_\_\_d organism     *adj.* relating to a cell or organism with two complete sets of chromosomes (= long, thread-like molecules made of DNA and proteins); (noun) cells that contain two complete sets of chromosomes, one from each parent
11. a white a\_t     *n.* a very small insect that lives under the ground or in a mound in highly organized groups
12. w\_\_p nest     *n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals
13. la\_\_a of a butterfly     *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
14. de\_\_\_t basin     *n.* arid land with little or no vegetation often covered with sand or rocks
15. st\_\_\_t compliance regime     *adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.
16. seasonal la\_\_r     *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

ANSWERS: 8. determination, 9. aspect, 10. diploid, 11. ant, 12. wasp, 13. larva, 14. desert, 15. strict, 16. labor

17. 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
18. a\_t bite      *n.* a very small insect that lives under the ground or in a mound in highly organized groups
19. in st\_\_\_\_t secrecy      *adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.
20. de\_\_\_\_d my country      *v.* to protect someone or something from attack, criticism, danger, etc.
21. b\_\_p up prices      *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
22. achieve a do\_\_\_\_nt share      *adj.* more important, influential, or easy to notice than anything else of the same type
23. evolutionary bi\_\_\_\_y      *n.* the scientific study of life and the natural processes of living things
24. w\_\_p into shape      *v.* to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.
25. b\_\_p against a wall      *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident

ANSWERS: 17. develop, 18. ant, 19. strict, 20. defend, 21. bump, 22. dominant, 23. biology, 24. whip, 25. bump

26. w\_\_p sting *n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals
27. al\_\_\_\_\_or habitat *n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China
28. di\_\_\_\_\_on chief *n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector
29. during rep\_\_\_\_\_ive period *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
30. have ge\_\_\_\_\_c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
31. gr\_\_t a land *v.* to agree to give or allow somebody
32. in\_\_\_t biology *n.* any small creature that has six legs and a body divided into three sections
33. a primitive ma\_\_\_l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
34. a moth la\_\_a *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
35. a subordinate ki\_\_\_\_\_m *n.* the country ruled by a king or queen
36. r\_\_k amateur *n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others

ANSWERS: 26. wasp, 27. alligator, 28. division, 29. reproductive, 30. genetic, 31. grant, 32. insect, 33. mammal, 34. larva, 35. kingdom, 36. rank

37. a silence pr\_\_\_\_\_nt with suspense      *adj.* having a baby or young animal developing in the uterus
38. fever of und\_\_\_\_\_ned origin      *n.* not yet resolved or concluded; not decided; indefinite; lacking clear limits or boundaries; (of mathematics) cannot be calculated because it is dependent on unknown factors
39. plant a co\_\_\_\_y      *n.* a country or an area that is governed by a more powerful country that is often far away
40. giant li\_\_\_\_d      *n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
41. oasis in the de\_\_\_\_t      *n.* arid land with little or no vegetation often covered with sand or rocks
42. severe cr\_\_\_\_c      *n.* someone who expresses opinions about the quality of books, music, etc.
43. gen\_\_\_\_\_ly manipulated plant      *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
44. cellular di\_\_\_\_on      *n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector
45. the end of chr\_\_\_\_\_me      *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
46. recombinant cl\_\_e      *n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation

ANSWERS: 37. pregnant, 38. undetermined, 39. colony, 40. lizard, 41. desert, 42. critic, 43. genetically, 44. division, 45. chromosome, 46. clone



47. a sort of ma\_\_\_l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
48. al\_\_\_\_\_or watch strap *n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China
49. hi\_\_\_\_\_hy of folders *n.* a system in which people or things are organized into different levels of importance from highest to lowest
50. ge\_\_\_\_\_cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
51. rep\_\_\_\_\_ive ability *adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
52. establish his ki\_\_\_\_\_m *n.* the country ruled by a king or queen
53. se\_\_\_e a dispute *v.* to reach an agreement of disagreement
54. ha\_\_h a baby chick *v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
55. art cr\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
56. a det\_\_\_\_\_nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
57. mn\_\_\_\_\_ic technique *adj.* aiding or designed to aid memory; relating to the use of memory techniques

ANSWERS: 47. mammal, 48. alligator, 49. hierarchy, 50. genetics, 51. reproductive, 52. kingdom, 53. settle, 54. hatch, 55. critic, 56. determinant, 57. mnemonic

58. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
59. gr\_\_t a new license *v.* to agree to give or allow somebody
60. the science of ge\_\_\_\_\_cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
61. ev\_\_\_e *v.* to develop gradually, or to cause the development of something or someone gradually
62. ch\_\_k sorting *n.* a baby bird, especially a young chicken
63. the most am\_\_\_\_\_g feeling *adj.* extremely surprising, especially in a way that you like or admire
64. ev\_\_\_e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
65. 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
66. production of sp\_\_m *n.* the reproductive cell produced by a man or male animal
67. a ra\_\_\_m choice *adj.* made, done, or happening without method, conscious decision, or any regular pattern
68. wiggly w\_\_ms *n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

ANSWERS: 58. environment, 59. grant, 60. genetics, 61. evolve, 62. chick, 63. amazing, 64. evolve, 65. develop, 66. sperm, 67. random, 68. worm

69. de\_\_\_d against a threat      *v.* to protect someone or something from attack, criticism, danger, etc.
70. se\_\_\_e down in the town      *v.* to reach an agreement of disagreement
71. 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
72. as\_\_\_e an important role      *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
73. do\_\_\_\_\_ce of traits      *n.* the state or quality of being the most powerful or influential person or group
74. mn\_\_\_\_\_ic alphabet      *adj.* aiding or designed to aid memory; relating to the use of memory techniques
75. und\_\_\_\_\_ned coefficient      *n.* not yet resolved or concluded; not decided; indefinite; lacking clear limits or boundaries; (of mathematics) cannot be calculated because it is dependent on unknown factors
76. environmental det\_\_\_\_\_nt      *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
77. re\_\_\_e exhibition      *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
78. in\_\_\_t antenna      *n.* any small creature that has six legs and a body divided into three sections

ANSWERS: 69. defend, 70. settle, 71. reproduce, 72. assume, 73. dominance, 74. mnemonic, 75. undetermined, 76. determinant, 77. reptile, 78. insect

79. cl\_\_e embryo  
*n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation
80. di\_\_\_\_d nuclei  
*adj.* relating to a cell or organism with two complete sets of chromosomes (= long, thread-like molecules made of DNA and proteins); (noun) cells that contain two complete sets of chromosomes, one from each parent
81. li\_\_\_\_d leather  
*n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
82. needs of pr\_\_\_\_nt women  
*adj.* having a baby or young animal developing in the uterus
83. fe\_\_\_\_ze the soil  
*v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
84. bird's n\_\_t  
*n.* a structure in which animals lay their eggs or give birth to their young
85. make dr\_\_\_\_ic changes  
*adj.* very sudden, very excellent, or full of action and excitement
86. a sex chr\_\_\_\_me  
*n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
87. a ge\_\_\_\_c disorder  
*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

ANSWERS: 79. clone, 80. diploid, 81. lizard, 82. pregnant, 83. fertilize, 84. nest, 85. dramatic, 86. chromosome, 87. genetic

88. top of the hi\_\_\_\_\_hy                    *n.* a system in which people or things are organized into different levels of importance from highest to lowest
89. do\_\_\_\_\_nt force                    *adj.* more important, influential, or easy to notice than anything else of the same type
90. env\_\_\_\_\_nt affairs                    *n.* the natural world such as air, water, and land in which humans, animals, and plants live
91. w\_\_p egg whites                    *v.* to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.
92. fe\_\_\_\_\_ze the female egg                    *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
93. a dr\_\_\_\_\_ic rescue at sea                    *adj.* very sudden, very excellent, or full of action and excitement
94. cell and molecular bi\_\_\_\_\_y                    *n.* the scientific study of life and the natural processes of living things
95. a steely det\_\_\_\_\_ion                    *n.* the quality of being persistent and purposeful; the act of finding out the exact nature or essence of something
96. manual la\_\_r                    *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

ANSWERS: 88. hierarchy, 89. dominant, 90. environment, 91. whip, 92. fertilize, 93. dramatic, 94. biology, 95. determination, 96. labor

97. destruction of human em\_\_\_os      *n.* an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed
98. nontechnical as\_\_\_ts of the job      *n.* one part or feature of a situation, problem, subject, etc.
99. do\_\_\_\_\_ce relationship      *n.* the state or quality of being the most powerful or influential person or group
100. a co\_\_\_y of bacteria      *n.* a country or an area that is governed by a more powerful country that is often far away
101. can of w\_\_\_ms      *n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
102. a n\_\_t of thieves      *n.* a structure in which animals lay their eggs or give birth to their young
103. high r\_\_k      *n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others
104. fossil re\_\_\_\_\_e      *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
105. baby ch\_\_k      *n.* a baby bird, especially a young chicken
106. gen\_\_\_\_\_ly inherited traits      *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
107. am\_\_\_\_\_g advances      *adj.* extremely surprising, especially in a way that you like or admire

ANSWERS: 97. embryo, 98. aspect, 99. dominance, 100. colony, 101. worm, 102. nest, 103. rank, 104. reptile, 105. chick, 106. genetically, 107. amazing

108. man with a low sp\_\_m count                      *n.*    the reproductive cell produced by a man or male animal
109. extreme tem\_\_\_\_\_res                      *n.*    the degree of hotness or coldness of a thing or place
110. em\_\_\_o cloning                                      *n.*    an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed

ANSWERS: 108. sperm, 109. temperature, 110. embryo

## Session 3: Fill in the Blanks

1. He is like an exact \_\_\_\_\_ of his brother.  
*n.* a plant or animal whose genetic information is identical to that of a parent organism from which it was created; an unauthorized copy or imitation
2. \_\_\_\_\_ skin is used to make purses, boots, and other luxury goods.  
*n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China
3. This region is predominantly \_\_\_\_\_.  
*n.* arid land with little or no vegetation often covered with sand or rocks
4. The male \_\_\_\_\_ fertilizes the female egg.  
*n.* the reproductive cell produced by a man or male animal
5. His \_\_\_\_\_ to succeed was unwavering, even in the face of adversity.  
*n.* the quality of being persistent and purposeful; the act of finding out the exact nature or essence of something
6. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things
7. The eggs began to \_\_\_\_\_ and the small chicks emerged.  
*v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
8. The majority of the \_\_\_\_\_ are raised on local family farms.  
*n.* a baby bird, especially a young chicken

ANSWERS: 1. clone, 2. Alligator, 3. desert, 4. sperm, 5. determination, 6. biology, 7. hatch, 8. chicks



9. 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
10. The \_\_\_\_\_ tail regenerates if severed.
- n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
11. We were taught a variety of \_\_\_\_\_ devices to help us remember important facts for the exam.
- adj.* aiding or designed to aid memory; relating to the use of memory techniques
12. The chairperson \_\_\_\_\_ him the right to speak.
- v.* to agree to give or allow somebody
13. The statement had a \_\_\_\_\_ impact on house prices.
- adj.* very sudden, very excellent, or full of action and excitement
14. To find drunk drivers, police conduct \_\_\_\_\_ tests.
- adj.* made, done, or happening without method, conscious decision, or any regular pattern
15. 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
16. His professional experience includes all \_\_\_\_\_ of media production.
- n.* one part or feature of a situation, problem, subject, etc.

ANSWERS: 9. develop, 10. lizard's, 11. mnemonic, 12. granted, 13. dramatic, 14. random, 15. genetic, 16. aspects

17. Marine \_\_\_\_\_ populations are declining worldwide due to ocean pollution.  
*n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
18. My aquarium's centerpiece is a vibrant \_\_\_\_\_ duo darting between the coral structures.  
*n.* a small tropical marine fish, typically brightly colored, that belongs to a subfamily of the damselfish family and is known for its symbiotic relationship with sea anemones
19. Too \_\_\_\_\_ a regulation for the private sector will stifle innovation.  
*adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.
20. The \_\_\_\_\_ modified crops were resistant to pests and required less water.  
*adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
21. The company has maintained its \_\_\_\_\_ in the market for several years.  
*n.* the state or quality of being the most powerful or influential person or group
22. In several countries, child \_\_\_\_\_ is a serious social problem.  
*n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
23. The \_\_\_\_\_ declared its independence and became a republic.  
*n.* a country or an area that is governed by a more powerful country that is often far away

ANSWERS: 17. mammal, 18. clownfish, 19. strict, 20. genetically, 21. dominance, 22. labor, 23. colony

24. \_\_\_\_\_ help dispose of the food waste produced by humans.  
*n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
25. The jockey \_\_\_\_\_ the horse hard to take first place.  
*v.* to hit a person or an animal severely with a thin, flexible stick with a cord or leather thong at the end, as a punishment, discipline, etc.
26. The female birds build a \_\_\_\_\_ and lay their eggs in May.  
*n.* a structure in which animals lay their eggs or give birth to their young
27. Our latest project is still at the \_\_\_\_\_ stage.  
*n.* an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed
28. The golfer recorded an \_\_\_\_\_ distance.  
*adj.* extremely surprising, especially in a way that you like or admire
29. This documentary deals with the \_\_\_\_\_ biology of the buffalo.  
*adj.* connected with the process of reproduction; relating to reproducing babies, young animals, or plants
30. The butterfly emerged from its \_\_\_\_\_ stage.  
*n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
31. These \_\_\_\_\_ are more prevalent above a certain latitude.  
*n.* any small creature that has six legs and a body divided into three sections

ANSWERS: 24. Worms, 25. whipped, 26. nest, 27. embryo, 28. amazing, 29. reproductive, 30. larva, 31. insects

32. International law allows each nation to \_\_\_\_\_ itself when its rights and interests are illegally violated.
- v.* to protect someone or something from attack, criticism, danger, etc.
33. Human females normally have two X \_\_\_\_\_.
- n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
34. The following example \_\_\_\_\_ that the capacity of each battery is the same.
- v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
35. We can find many large \_\_\_\_ mounds in this area.
- n.* a very small insect that lives under the ground or in a mound in highly organized groups
36. Eyeless fish \_\_\_\_\_ in dark caves.
- v.* to develop gradually, or to cause the development of something or someone gradually
37. A giant \_\_\_\_\_ flew into the room, and everyone panicked.
- n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals
38. She vacated the position when she got \_\_\_\_\_.
- adj.* having a baby or young animal developing in the uterus
39. Which \_\_\_\_\_ of the company do you work in?
- n.* the act or outcome of splitting into separate parts; a critical organizational unit or sector

ANSWERS: 32. defend, 33. chromosomes, 34. assumes, 35. ant, 36. evolved, 37. wasp, 38. pregnant, 39. division

40. The \_\_\_\_\_ cells contain two sets of chromosomes, one from each parent, allowing for genetic variation.
- adj.* relating to a cell or organism with two complete sets of chromosomes (= long, thread-like molecules made of DNA and proteins); (noun) cells that contain two complete sets of chromosomes, one from each parent
41. The couple decided to use the non-husband sperm to \_\_\_\_\_ a wife.
- v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
42. I don't want to \_\_\_\_\_ for second best.
- v.* to reach an agreement of disagreement
43. By remaining neutral, this \_\_\_\_\_ continued to exist.
- n.* the country ruled by a king or queen
44. Alligators are a type of \_\_\_\_\_ that live in swamps and rivers.
- n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
45. She accidentally \_\_\_\_\_ into him in the crowded room.
- v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
46. Cities around the world set records for highest \_\_\_\_\_ this summer.
- n.* the degree of hotness or coldness of a thing or place
47. 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

ANSWERS: 40. diploid, 41. fertilize, 42. settle, 43. kingdom, 44. reptile, 45. bumped, 46. temperatures, 47. reproduce

48. The cause of the accident is \_\_\_\_\_ at this time.
- n.* not yet resolved or concluded; not decided; indefinite; lacking clear limits or boundaries; (of mathematics) cannot be calculated because it is dependent on unknown factors
49. 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
50. Advocates for legal reform hear less harsh words from their \_\_\_\_\_.
- n.* someone who expresses opinions about the quality of books, music, etc.
51. He was promoted to the \_\_\_\_\_ of captain in the military.
- n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others
52. She has taken a step up in the organizational \_\_\_\_\_.
- n.* a system in which people or things are organized into different levels of importance from highest to lowest
53. He is a specialist in the \_\_\_\_\_ of aging.
- n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
54. Her company soon won a \_\_\_\_\_ market share.
- adj.* more important, influential, or easy to notice than anything else of the same type
55. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

ANSWERS: 48. undetermined, 49. environment, 50. critics, 51. rank, 52. hierarchy, 53. genetics, 54. dominant, 55. determinant

ANSWERS: