

# Englist.me



## Vocabulary Builder Reference from...

*Kayla Mandel Sheets: You could have a secret twin*

*(but not the way you think) | TED Talk*

[https://www.ted.com/talks/kayla\\_mandel\\_sheets\\_you\\_could\\_have\\_a\\_secret\\_twin\\_but\\_not\\_the\\_way\\_you\\_think](https://www.ted.com/talks/kayla_mandel_sheets_you_could_have_a_secret_twin_but_not_the_way_you_think)

### All Words

#### IMPORTANT

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## Session 1: Word List

### kidney

*n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine

(1) an artificial **kidney**, (2) chronic **kidney** disease

The surgeon removed the healthy **kidney** from the donor.

### donor

*n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person

*synonym*: contributor, patron, supporter

(1) a transfusion of **donor** blood, (2) an unnamed **donor**

His body rejected the liver of the **donor**.

### stumble

*v.* to miss a step and fall or nearly fall; to walk unsteadily

*synonym*: bumble, struggle, misstep

(1) **stumble** financially, (2) **stumble** through life

She **stumbled** over the tree root.

### undergo

*v.* to go through something unpleasant or that involves a change

*synonym*: experience, suffer, endure

(1) **undergo** surgery, (2) **undergo** a decrease  
The train has to **undergo** rigorous safety checks.

## 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.

## donation

*n.* a voluntary gift of money, service, or ideas that are given to a person or an organization, or the act of giving them

*synonym*: contribution, gift, subsidy

(1) make a **donation**, (2) political **donation**

He made a generous **donation** to the charity.

## conceive

*v.* to have or develop an idea, a plan, etc. in mind; to become pregnant

*synonym*: imagine, envision, concoct

(1) **conceive** of an idea, (2) **conceive** a child

I can't **conceive** he'd want to harm us.

## fig

*n.* a sweet and soft edible fruit with many seeds or a tree on which these grow

(1) **fig** marigold, (2) **fig** tree

He ate the dried **figs** he had preserved.

## pursue

*v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them

*synonym*: seek, hunt, chase

(1) **pursue** a goal, (2) **pursue** freedoms

She intends to **pursue** a political career.

## uncover

*v.* to remove the cover from something; to discover something previously unseen or hidden

*synonym*: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth  
He continued his investigation and soon **uncovered** another crime.

## confuse

*v.* to mistake one thing for another; to make somebody hard to understand

*synonym*: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality  
Her remarks **confused** the debate.

## 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.

## genome

*n.* the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

## tissue

*n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

*synonym*: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

## gene

*n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

*synonym*: factor, cistron

(1) **gene** expression, (2) **gene** cloning

A defective **gene** is responsible for the disease.

**twin**

*n.* either of two children born at the same time from the same mother

(1) a **twin-lens** camera, (2) a **twin** room

Its **twin** brothers are difficult to tell apart except for their parents.

**chimera**

*n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve

*synonym*: delusion, illusion, figment

(1) **chimera** mouse, (2) interspecies **chimera**

Animal **chimeras** are created by combining multiple fertilized eggs.

**mythology**

*n.* a collection of myths (= traditional stories accepted as history) or the study of myths

*synonym*: folklore, legend, fable

(1) tale from **mythology**, (2) ancient **mythology**

He studies Greek and Roman **mythology**.

**amalgam**

*n.* an alloy of mercury with another metal, used especially to fill holes in teeth; a mixture or combination of diverse things

*synonym*: mixture, alloy, admixture

(1) **amalgam** alloy, (2) an **amalgam** of hope and fear

His theory is an **amalgam** of earlier ideas.

**visible**

*adj.* capable of being seen; or open to easy view

*synonym*: clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

**uterus**

*n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth

*synonym*: womb

(1) **uterus** cancer, (2) bleeding from **uterus**

The physician prescribed medication to relieve the contraction of the **uterus**.

## transplant

*v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another

*synonym* : relocate, emigrate, graft

(1) **transplant** a heart, (2) **transplant** my family to America  
He tried to **transplant** the seedling into a larger pot.

## fetus

*n.* an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal

(1) development of the **fetus**, (2) an aborted **fetus**

The female vagina is elastic enough to allow the passage of a **fetus**.

## 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**.

## swap

*v.* to give something and receive something in trade

*synonym* : exchange, switch, trade

(1) **swap** seats, (2) **swap** columns with rows

Don't **swap** horses while crossing a stream.

## 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.

## placenta

*n.* a temporary organ that feeds a fetus (= unborn and developing baby) inside its mother's womb

(1) **placenta** blood, (2) fetal **placenta**

The **placenta** produces various hormones that help maintain the pregnancy.

## inherit

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

*synonym*: obtain, gain, acquire

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

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

## stem

*n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

*synonym*: branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick

A rose has thorns on its **stem**.

## undifferentiated

*adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions

*synonym*: uniform, identical, alike

(1) **undifferentiated** cells, (2) **undifferentiated** market

The infant makes **undifferentiated** reflex responses to stimuli.

## initially

*adv.* at the beginning; at first

*synonym*: originally, primarily, firstly

(1) **initially** anticipated, (2) diagnosed **initially** as a tumor

This train departed later than **initially** scheduled.

## undetected

*adj.* not perceived or discovered

*synonym*: undiscovered, hidden, concealed

(1) **undetected** cancer, (2) leave the house **undetected**

Doctors made mistakes, and diseases remained **undetected**.

## immune

*adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells

*synonym* : resistant, unsusceptible, unaffected

(1) **immune** from criminal prosecution, (2) the cell of the **immune** system

The vaccination does not necessarily make you completely **immune**.

## suppress

*v.* to bring something under control by force or authority; to put an end by force

*synonym* : subdue, bury, stifle

(1) **suppress** a yawn, (2) **suppress** a revolt

The doctor prescribed medication to **suppress** the patient's appetite.

## persist

*v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

*synonym* : endure, continue, carry on

(1) **persist** over time, (2) **persist** in success

Consult your doctor if the symptoms **persist**.

## liver

*n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**

The patient will undergo **liver** transplant surgery tomorrow.

## suddenly

*adv.* quickly and unexpectedly

*synonym* : abruptly, unexpectedly, unawares

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

Who answers **suddenly** knows little.

## regenerate

*v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful

*synonym* : renew, revive, improve

(1) **regenerate** bone tissue, (2) a **regenerate** sinner

The new CEO's primary mission is to **regenerate** the company on the verge of bankruptcy.

## biopsy

*n.* the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease

*synonym*: examination, autopsy

(1) **biopsy** of bone marrow, (2) liquid **biopsy**

The doctor performed an excisional breast **biopsy**.

## lodge

*n.* a small country house where people stay when they want to participate in outdoor activities; (verb) officially present a complaint, appeal, claim, etc. to the appropriate authorities

*synonym*: clubhouse, inn, (verb) file

(1) **lodged** a complaint against him, (2) a ski **lodge**

The final decision should be **lodged** with the chairman.

## acquire

*v.* to buy or obtain something such as an asset, object, knowledge, etc., for oneself

*synonym*: attain, earn, catch

(1) **acquire** knowledge, (2) **acquire** a new company

Children **acquire** language at a fantastic rate.

## fraternal

*adj.* relating to or like a brother or brothers; (of twins) derived from two separate fertilized ova (= the female reproductive cell)

*synonym*: brotherly, congenial, biovular

(1) **fraternal** twins, (2) a **fraternal** association

He recommended that they take out **fraternal** life insurance.

## 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.



**absorb**

v. to take in a fluid or other substance gradually  
*synonym*: consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

**compose**

v. to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

*synonym*: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

**vary**

v. to become different in terms of size, shape, etc.

*synonym*: alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price

Maximum heart rates **vary** a lot for each individual.

**ovary**

n. either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

(1) **ovary** atrophy, (2) salted **ovary** of walleye pollack

They found **ovary** cancer in an early stage.

**predict**

v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

*synonym*: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

**ancestry**

n. the family or the ethnic descent that you come from

*synonym*: ancestor, family, descent

(1) a distinguished **ancestry**, (2) prehuman **ancestry**

He looked down on the royal **ancestry** of the neighboring country.

**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.

## embryonic

*adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development

*synonym*: embryonal

(1) **embryonic** stem cells, (2) **embryonic** development

The project is still in its **embryonic** stage.

## perception

*n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

*synonym*: understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

## 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.

## extent

*n.* the point or degree or area to which something extends

*synonym*: amount, degree, intensity

(1) certain **extent**, (2) the **extent** of the damage

I was amazed at the **extent** of her generosity.

## gut

*n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

*synonym*: belly, abdomen, courage

(1) the blind **gut**, (2) **gut** feelings

He told me a **gut-wrenching** truth about my parent's death.

## bacteria

*n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the

air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

*synonym*: microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

**Bacteria** prevalent in hospitals are often resistant to antibiotics.

## mitochondria

*n.* (singular: mitochondrion) an organelle (= a specialized part of a cell) found in large numbers in most cells that produce energy for the cell by breaking down food

(1) a membrane of a **mitochondria**, (2) healthy

**mitochondria**

**Mitochondria** DNA is used to trace human lineage and migration footprints.

## Session 2: Spelling

1. pe\_\_\_\_t over time  
*v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
2. co\_\_\_\_ve a child  
*v.* to have or develop an idea, a plan, etc. in mind; to become pregnant
3. a ski lo\_\_e  
*n.* a small country house where people stay when they want to participate in outdoor activities; (verb) officially present a complaint, appeal, claim, etc. to the appropriate authorities
4. a membrane of a mit\_\_\_\_ria  
*n.* (singular: mitochondrion) an organelle (= a specialized part of a cell) found in large numbers in most cells that produce energy for the cell by breaking down food
5. ac\_\_\_\_e knowledge  
*v.* to buy or obtain something such as an asset, object, knowledge, etc., for oneself
6. loss of muscle ti\_\_\_\_e  
*n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
7. co\_\_\_\_e my thoughts  
*v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
8. un\_\_\_\_r a potential problem  
*v.* to remove the cover from something; to discover something previously unseen or hidden

ANSWERS: 1. persist, 2. conceive, 3. lodge, 4. mitochondria, 5. acquire, 6. tissue, 7. compose, 8. uncover

- |                                      |  |
|--------------------------------------|--|
| 9. the cell of the im___e system     | <i>adj.</i> protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells                 |
| 10. cell and molecular bi____y       | <i>n.</i> the scientific study of life and the natural processes of living things  |
| 11. a silence pr____nt with suspense | <i>adj.</i> having a baby or young animal developing in the uterus   |
| 12. g__e cloning                     | <i>n.</i> the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.                       |
| 13. ge___e analyses                  | <i>n.</i> the complete set or sequence of genes of a human, animal, plant, or other living things  |
| 14. die su____ly                     | <i>adv.</i> quickly and unexpectedly   |
| 15. st____e through life             | <i>v.</i> to miss a step and fall or nearly fall; to walk unsteadily   |
| 16. chronic ki___y disease           | <i>n.</i> either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine |
| 17. co____e an essay                 | <i>v.</i> to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it                                       |
| 18. a fr____al association           | <i>adj.</i> relating to or like a brother or brothers; (of twins) derived from two separate fertilized ova (= the female reproductive cell)            |

ANSWERS: 9. immune, 10. biology, 11. pregnant, 12. gene, 13. genome, 14. suddenly, 15. stumble, 16. kidney, 17. compose, 18. fraternal

19. a t\_\_n-lens camera *n.* either of two children born at the same time from the same mother
20. un\_\_\_\_r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
21. an aborted fe\_\_s *n.* an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal
22. a facial ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
23. ab\_\_\_b a shock *v.* to take in a fluid or other substance gradually
24. ac\_\_\_\_e a new company *v.* to buy or obtain something such as an asset, object, knowledge, etc., for oneself
25. 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
26. un\_\_\_\_o surgery *v.* to go through something unpleasant or that involves a change
27. the blind g\_t *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
28. am\_\_\_\_m alloy *n.* an alloy of mercury with another metal, used especially to fill holes in teeth; a mixture or combination of diverse things

ANSWERS: 19. twin, 20. uncover, 21. fetus, 22. tissue, 23. absorb, 24. acquire, 25. embryo, 26. undergo, 27. gut, 28. amalgam

29. v\_\_y directly with the price
30. the s\_\_m of a matchstick
31. f\_g tree
32. in\_\_\_\_\_ly anticipated
33. a transfusion of do\_\_r blood
34. su\_\_\_\_\_ss a yawn
35. interspecies ch\_\_\_\_\_a
36. pu\_\_\_e freedoms
37. pe\_\_\_\_\_t in success
- v. to become different in terms of size, shape, etc.
- n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
- n. a sweet and soft edible fruit with many seeds or a tree on which these grow
- adv. at the beginning; at first
- n. a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
- v. to bring something under control by force or authority; to put an end by force
- n. (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve
- v. to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
- v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

ANSWERS: 29. vary, 30. stem, 31. fig, 32. initially, 33. donor, 34. suppress, 35. chimera, 36. pursue, 37. persist

38. ancient my\_\_\_\_\_gy *n.* a collection of myths (= traditional stories accepted as history) or the study of myths
39. a distinguished an\_\_\_\_\_ry *n.* the family or the ethnic descent that you come from
40. un\_\_\_\_\_o a decrease *v.* to go through something unpleasant or that involves a change
41. certain ex\_\_\_\_t *n.* the point or degree or area to which something extends
42. harmless ba\_\_\_\_\_ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
43. a reg\_\_\_\_\_te sinner *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
44. su\_\_\_\_\_ly attacked by an enemy *adv.* quickly and unexpectedly
45. pathogenic ba\_\_\_\_\_ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
46. leave the house und\_\_\_\_\_ed *adj.* not perceived or discovered
47. s\_\_m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

ANSWERS: 38. mythology, 39. ancestry, 40. undergo, 41. extent, 42. bacteria, 43. regenerate, 44. suddenly, 45. bacteria, 46. undetected, 47. stem



48. prehuman an\_\_\_\_ry *n.* the family or the ethnic descent that you come from
49. li\_\_r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
50. tra\_\_\_\_\_nt my family to America *v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another
51. v\_\_y according to the age *v.* to become different in terms of size, shape, etc.
52. st\_\_\_\_\_e financially *v.* to miss a step and fall or nearly fall; to walk unsteadily
53. und\_\_\_\_\_ted market *adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions
54. fetal pl\_\_\_\_\_ta *n.* a temporary organ that feeds a fetus (= unborn and developing baby) inside its mother's womb
55. ov\_\_y atrophy *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
56. evolutionary bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
57. em\_\_\_\_\_ic stem cells *adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development

ANSWERS: 48. ancestry, 49. liver, 50. transplant, 51. vary, 52. stumble, 53. undifferentiated, 54. placenta, 55. ovary, 56. biology, 57. embryonic

58. co\_\_\_\_\_e the listener *v.* to mistake one thing for another; to make somebody hard to understand
59. salted ov\_\_y of walleye pollack *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
60. per\_\_\_\_\_on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
61. reg\_\_\_\_\_te bone tissue *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
62. the science of ge\_\_\_\_\_cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
63. tra\_\_\_\_\_nt a heart *v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another
64. 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
65. vi\_\_\_\_\_e stars *adj.* capable of being seen; or open to easy view
66. tale from my\_\_\_\_\_gy *n.* a collection of myths (= traditional stories accepted as history) or the study of myths

ANSWERS: 58. confuse, 59. ovary, 60. perception, 61. regenerate, 62. genetics, 63. transplant, 64. embryo, 65. visible, 66. mythology

67. pr\_\_\_\_t when she will arrive      *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
68. s\_\_p seats      *v.* to give something and receive something in trade
69. lo\_\_ed a complaint against him      *n.* a small country house where people stay when they want to participate in outdoor activities; (*verb*) officially present a complaint, appeal, claim, etc. to the appropriate authorities
70. bi\_\_\_y of bone marrow      *n.* the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease
71. su\_\_\_\_\_ss a revolt      *v.* to bring something under control by force or authority; to put an end by force
72. an artificial ki\_\_\_y      *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
73. an unnamed do\_\_r      *n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
74. g\_t feelings      *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

ANSWERS: 67. predict, 68. swap, 69. lodge, 70. biopsy, 71. suppress, 72. kidney, 73. donor, 74. gut

75. make a do\_\_\_\_\_on      *n.* a voluntary gift of money, service, or ideas that are given to a person or an organization, or the act of giving them
76. sequencing of the human ge\_\_\_\_e      *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
77. a nu\_\_\_\_\_nt for hair      *n.* any substance that is essential for the maintenance and growth of living things
78. an am\_\_\_\_\_m of hope and fear      *n.* an alloy of mercury with another metal, used especially to fill holes in teeth; a mixture or combination of diverse things
79. a t\_\_n room      *n.* either of two children born at the same time from the same mother
80. vi\_\_\_\_\_e by X-ray      *adj.* capable of being seen; or open to easy view
81. the ex\_\_\_\_t of the damage      *n.* the point or degree or area to which something extends
82. ch\_\_\_\_\_a mouse      *n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve
83. healthy mit\_\_\_\_\_ria      *n.* (singular: mitochondrion) an organelle (= a specialized part of a cell) found in large numbers in most cells that produce energy for the cell by breaking down food
84. ut\_\_\_\_s cancer      *n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth

ANSWERS: 75. donation, 76. genome, 77. nutrient, 78. amalgam, 79. twin, 80. visible, 81. extent, 82. chimera, 83. mitochondria, 84. uterus

85. fr\_\_\_\_\_al twins *adj.* relating to or like a brother or brothers; (of twins) derived from two separate fertilized ova (= the female reproductive cell)
86. pl\_\_\_\_\_ta blood *n.* a temporary organ that feeds a fetus (= unborn and developing baby) inside its mother's womb
87. im\_\_\_\_e from criminal prosecution *adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
88. fatty li\_\_r *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
89. ge\_\_\_\_\_cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
90. development of the fe\_\_s *n.* an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal
91. bleeding from ut\_\_\_\_s *n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth
92. pr\_\_\_\_\_t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
93. needs of pr\_\_\_\_\_nt women *adj.* having a baby or young animal developing in the uterus

ANSWERS: 85. fraternal, 86. placenta, 87. immune, 88. liver, 89. genetics, 90. fetus, 91. uterus, 92. predict, 93. pregnant

94. em\_\_\_\_\_ic development *adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development
95. in\_\_\_\_\_t ancestral property *v.* to receive money, property, or a title from someone after they have died
96. in\_\_\_\_\_t estate *v.* to receive money, property, or a title from someone after they have died
97. ab\_\_\_\_b energy *v.* to take in a fluid or other substance gradually
98. diagnosed in\_\_\_\_\_ly as a tumor *adv.* at the beginning; at first
99. political do\_\_\_\_\_on *n.* a voluntary gift of money, service, or ideas that are given to a person or an organization, or the act of giving them
100. have ge\_\_\_\_\_c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
101. f\_g marigold *n.* a sweet and soft edible fruit with many seeds or a tree on which these grow
102. co\_\_\_\_\_e fantasy with reality *v.* to mistake one thing for another; to make somebody hard to understand
103. nu\_\_\_\_\_nt medicine *n.* any substance that is essential for the maintenance and growth of living things
104. man with a low sp\_\_m count *n.* the reproductive cell produced by a man or male animal
105. production of sp\_\_m *n.* the reproductive cell produced by a man or male animal
106. liquid bi\_\_\_\_y *n.* the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease

ANSWERS: 94. embryonic, 95. inherit, 96. inherit, 97. absorb, 98. initially, 99. donation, 100. genetic, 101. fig, 102. confuse, 103. nutrient, 104. sperm, 105. sperm, 106. biopsy

107. pu\_\_\_e a goal      *v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
108. a ge\_\_\_\_c disorder      *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
109. co\_\_\_\_ve of an idea      *v.* to have or develop an idea, a plan, etc. in mind; to become pregnant
110. s\_\_p columns with rows      *v.* to give something and receive something in trade
111. keen per\_\_\_\_\_on      *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
112. und\_\_\_\_\_ted cells      *adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions
113. und\_\_\_\_\_ed cancer      *adj.* not perceived or discovered
114. g\_\_e expression      *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

ANSWERS: 107. pursue, 108. genetic, 109. conceive, 110. swap, 111. perception, 112. undifferentiated, 113. undetected, 114. gene

## Session 3: Fill in the Blanks

1. He looked down on the royal \_\_\_\_\_ of the neighboring country.  
*n.* the family or the ethnic descent that you come from
2. The male \_\_\_\_\_ fertilizes the female egg.  
*n.* the reproductive cell produced by a man or male animal
3. My home is easily \_\_\_\_\_ from the shore.  
*adj.* capable of being seen; or open to easy view
4. The doctor prescribed medication to \_\_\_\_\_ the patient's appetite.  
*v.* to bring something under control by force or authority; to put an end by force
5. She vacated the position when she got \_\_\_\_\_.  
*adj.* having a baby or young animal developing in the uterus
6. They found \_\_\_\_\_ cancer in an early stage.  
*n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
7. \_\_\_\_\_ DNA is used to trace human lineage and migration footprints.  
*n.* (singular: mitochondrion) an organelle (= a specialized part of a cell) found in large numbers in most cells that produce energy for the cell by breaking down food
8. Children \_\_\_\_\_ language at a fantastic rate.  
*v.* to buy or obtain something such as an asset, object, knowledge, etc., for oneself

ANSWERS: 1. ancestry, 2. sperm, 3. visible, 4. suppress, 5. pregnant, 6. ovary, 7. Mitochondria, 8. acquire



9. He recommended that they take out \_\_\_\_\_ life insurance.

*adj.* relating to or like a brother or brothers; (of twins) derived from two separate fertilized ova (= the female reproductive cell)

10. Its \_\_\_\_\_ brothers are difficult to tell apart except for their parents.

*n.* either of two children born at the same time from the same mother

11. He tried to \_\_\_\_\_ the seedling into a larger pot.

*v.* to move or transfer something from one place or person to another; to take living tissue or an organ from one person, animal, part of the body, etc. and put it into or onto another

12. Who answers \_\_\_\_\_ knows little.

*adv.* quickly and unexpectedly

13. The doctor performed an excisional breast \_\_\_\_\_.

*n.* the process of removing and examining tissue from the body of the sick person to determine the existence or cause of a disease

14. It's notoriously challenging to \_\_\_\_\_ birth rates.

*v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience

15. He is a man admired for the depth of his \_\_\_\_\_.

*n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

16. The researcher separated the nervous \_\_\_\_\_ for microscopic examinations.

*n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

ANSWERS: 9. fraternal, 10. twin, 11. transplant, 12. suddenly, 13. biopsy, 14. predict, 15. perception, 16. tissue

17. The final decision should be \_\_\_\_\_ with the chairman.
- n.* a small country house where people stay when they want to participate in outdoor activities; (verb) officially present a complaint, appeal, claim, etc. to the appropriate authorities
18. \_\_\_\_\_ prevalent in hospitals are often resistant to antibiotics.
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
19. The human \_\_\_\_\_ contains approximately three billion chemical base pairs.
- n.* the complete set or sequence of genes of a human, animal, plant, or other living things
20. He told me a \_\_\_\_\_ truth about my parent's death.
- n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
21. The patient will undergo \_\_\_\_\_ transplant surgery tomorrow.
- n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
22. She \_\_\_\_\_ over the tree root.
- v.* to miss a step and fall or nearly fall; to walk unsteadily
23. The female vagina is elastic enough to allow the passage of a \_\_\_\_\_.
- n.* an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal

ANSWERS: 17. lodged, 18. Bacteria, 19. genome, 20. gut-wrenching, 21. liver, 22. stumbled, 23. fetus

24. He studies Greek and Roman \_\_\_\_\_.

- n.* a collection of myths (= traditional stories accepted as history) or the study of myths

25. Her remarks \_\_\_\_\_ the debate.

- v.* to mistake one thing for another; to make somebody hard to understand

26. Animal \_\_\_\_\_ are created by combining multiple fertilized eggs.

- n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve

27. The infant makes \_\_\_\_\_ reflex responses to stimuli.

- adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions

28. A defective \_\_\_\_\_ is responsible for the disease.

- n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

29. Consult your doctor if the symptoms \_\_\_\_\_.

- v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

30. After his death, his sons \_\_\_\_\_ his business.

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

31. Don't \_\_\_\_\_ horses while crossing a stream.

- v.* to give something and receive something in trade

ANSWERS: 24. mythology, 25. confused, 26. chimeras, 27. undifferentiated, 28. gene, 29. persist, 30. inherited, 31. swap

32. The train has to \_\_\_\_\_ rigorous safety checks.  
*v.* to go through something unpleasant or that involves a change
33. His body rejected the liver of the \_\_\_\_\_.  
*n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
34. He ate the dried \_\_\_\_\_ he had preserved.  
*n.* a sweet and soft edible fruit with many seeds or a tree on which these grow
35. 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
36. This train departed later than \_\_\_\_\_ scheduled.  
*adv.* at the beginning; at first
37. The structure is \_\_\_\_\_ of three main components.  
*v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
38. Maximum heart rates \_\_\_\_\_ a lot for each individual.  
*v.* to become different in terms of size, shape, etc.
39. The physician prescribed medication to relieve the contraction of the \_\_\_\_\_.  
*n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth
40. The new CEO's primary mission is to \_\_\_\_\_ the company on the verge of bankruptcy.  
*v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful

ANSWERS: 32. undergo, 33. donor, 34. figs, 35. biology, 36. initially, 37. composed, 38. vary, 39. uterus, 40. regenerate

41. The sponge \_\_\_\_\_ water well.

*v.* to take in a fluid or other substance gradually

42. The \_\_\_\_\_ produces various hormones that help maintain the pregnancy.

*n.* a temporary organ that feeds a fetus (= unborn and developing baby) inside its mother's womb

43. 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

44. He continued his investigation and soon \_\_\_\_\_ another crime.

*v.* to remove the cover from something; to discover something previously unseen or hidden

45. He is a specialist in the \_\_\_\_\_ of aging.

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

46. Doctors made mistakes, and diseases remained \_\_\_\_\_.

*adj.* not perceived or discovered

47. The project is still in its \_\_\_\_\_ stage.

*adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development

48. 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

ANSWERS: 41. absorbs, 42. placenta, 43. embryo, 44. uncovered, 45. genetics, 46. undetected, 47. embryonic, 48. nutrients

49. The surgeon removed the healthy \_\_\_\_\_ from the donor.  
*n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
50. His theory is an \_\_\_\_\_ of earlier ideas.  
*n.* an alloy of mercury with another metal, used especially to fill holes in teeth; a mixture or combination of diverse things
51. He made a generous \_\_\_\_\_ to the charity.  
*n.* a voluntary gift of money, service, or ideas that are given to a person or an organization, or the act of giving them
52. 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
53. I was amazed at the \_\_\_\_\_ of her generosity.  
*n.* the point or degree or area to which something extends
54. The vaccination does not necessarily make you completely \_\_\_\_\_.  
*adj.* protected against a particular disease or toxin due to the presence of specific antibodies or sensitized white blood cells
55. She intends to \_\_\_\_\_ a political career.  
*v.* to do something or attempt to attain something over time; to follow or seek someone or something, especially in trying to catch them
56. I can't \_\_\_\_\_ he'd want to harm us.  
*v.* to have or develop an idea, a plan, etc. in mind; to become pregnant

ANSWERS: 49. kidney, 50. amalgam, 51. donation, 52. genetic, 53. extent, 54. immune, 55. pursue, 56. conceive

57. A rose has thorns on its \_\_\_\_\_.

- n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

ANSWERS: 57. stem