# **Englist.me**

## Vocabulary Builder Reference from...

Devin Shuman: The genes you don't get from your parents (but can't live without) | TED Talk https://www.ted.com/talks/devin\_shuman\_the\_genes \_you\_don\_t\_get\_from\_your\_parents\_but\_can\_t\_live\_without



## **All Words**

#### **IMPORTANT**

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## **Session 1: Word List**

#### 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 cloningA defective gene is responsible for the disease.

#### separate

- v. to force, take, or pull apart; mark as different synonym: disunite, isolate, ramify
- (1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

#### chromosome

 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**.

#### 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.

#### fungus

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

synonym: mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

#### multicellular

adj. characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

synonym: multicelled, many-celled, complex

 multicellular tissues, (2) multicellular life
 Multicellular organisms are composed of many specialized cells working together.

#### genome

- 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.

## belong

 to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

synonym: fit, be appropriate, be suitable

(1) **belong** to different species, (2) **belong** to a group All the books in this section **belong** to the library's rare collection and must be handled carefully.

#### 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.

## organelle

- a specialized subunit, usually within a cell, that has a specific function
- (1) cellular **organelles**, (2) **organelle** protein Membranes bind these **organelles** together.

## approximately

adv. close to a specific number or time but not exactly that number or time

*synonym*: about, around, roughly

(1) **approximately** 3 feet long, (2) **approximately** same This trail takes **approximately** 2.5 hours.

## engulf

- v. to swallow up; to surround and cover completely synonym: swallow, submerge, inundate
- (1) **engulf** the politician, (2) **engulf** in water The fire quickly **engulfed** the entire building.

#### ancestor

- n. a person from whom one is descended; a forefathersynonym: forebear, forefather, progenitor
- (1) **ancestor** language, (2) earliest human **ancestor**My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

## predecessor

 a person who held a position or office before the current holder

*synonym*: antecedent, forerunner, precursor

(1) the words of a **predecessor**, (2) **predecessor** model The new CEO is the **predecessor** of the former CEO.

#### essential

adj. indispensable; fundamental synonym: critical, crucial, basic

(1) **essential** amino acid, (2) **essential** commodities of life Trial and error is an **essential** part of education.

#### convert

v. to have a talk with someone; (adjective) reversed in order, relation, or action

synonym: alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16 I want to **convert** my sadness into strength.

#### oxygen

- the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
- (1) the hydrogen binds the **oxygen**, (2) lack of **oxygen** The passenger grabbed for the **oxygen** mask.

#### molecule

 a group of two or more atoms held together by attractive forces known as chemical bonds

synonym: particle, element, atom

small molecules, (2) molecule behavior
 The shape of the DNA molecule is a double helix.

## humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym: buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird The **humming** of the bees filled the air as she walked through the garden.

#### transport

- a system for moving people or products from one location to another using automobiles, roads, and so on synonym: shipment, transit, conveyance
- (1) **transport** facilities, (2) access to public **transport** Enhanced rail **transportation** is crucial for our business.

#### destination

 the place to which someone or something is going or being sent; the ultimate purpose or goal of a journey or action

*synonym*: location, endpoint, target

(1) travel **destination**, (2) romantic **destinations**I am excited to reach my **destination** and explore the new city finally.

#### metabolite

 a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

synonym: intermediate

- (1) **metabolite** concentration, (2) drug **metabolite** The liver **metabolite** levels were higher than usual.
- 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.

#### mammal

- 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.

#### cucumber

- n. a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable
- (1) a **cucumber** face mask, (2) several varieties of **cucumbers**

I like to slice **cucumber** and put it on my sandwiches.

#### microbe

- n. a tiny living thing that can only be seen with a microscope and that may cause diseasesynonym: germ, microorganism, bacterium
- (1) pathogenic microbe, (2) microbes sterilizer

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#### **Microbes** thrive on the surface of the human skin.

#### environment

 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**.

#### 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.

#### oxymonad

 a type of single-celled organism that is found in aquatic environments and is characterized by its use of flagella to move around and capture prey

synonym: microbe, protist, flagellate

(1) **oxymonad** parasite, (2) the metabolic pathways of the **oxymonad** 

The unique morphology of the **oxymonad** has puzzled scientists for decades.

#### monocercomonoides

- n. a genus of parasitic single-celled organisms that are typically found in the intestines of various animalssynonym: parasite, single-cell organism, flagellate
- (1) monocercomonoides infection,
- (2) monocercomonoides worm

The life cycle of **monocercomonoides** involves multiple hosts, including snails and fish.

#### 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.

#### tandem

n. a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other

synonym: bicycle built for two, double, tandem bike

(1) **tandem** approach, (2) **tandem** skydiving
The **tandem** bike ride was fun for the couple to enjoy together.

#### timeline

 a series of events arranged in chronological order and displayed along a line, usually drawn left to right or top to bottom

synonym: agenda, timetable, chronology

(1) **timeline** of science history, (2) lay out a **timeline** He imposed a **timeline** on the project.

#### 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.

#### sperm

- n. the reproductive cell produced by a man or male animalsynonym: seed, semen, seminal fluid
- (1) man with a low **sperm** count, (2) production of **sperm** The male **sperm** fertilizes the female egg.

#### dissolve

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

synonym: disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage The political party **dissolved** after much internal fighting.

## conception

 a general idea or belief of what something or someone is like or should be; an understanding of a situation or a

## principle

synonym: notion, abstraction, cogitation

(1) a grand conception, (2) the conception of the goodI have no conception of what you intend.

#### translate

- v. to convert or change words into another language synonym: convert, transcribe, render
- (1) **translate** a document into English, (2) **translate** the emotion to a movement

Translate the text from Italian into English.

## independence

- n. freedom from another's or others' control or influencesynonym: freedom, liberty, autonomy
- (1) financial **independence**, (2) **independence** ceremony There is nothing more valuable than **independence** and freedom.

## slightly

adv. in a small degree or extent; a little synonym: barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils He moved his body **slightly** to the left.

#### **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.

#### divide

- v. to separate or cause to separate into parts or groups synonym: separate, disconnect, split
- (1) **divide** the cake into two pieces, (2) **divide** money equally

Can you divide 123321 by eleven?

#### divvy

v. to divide or distribute something, often something that is shared or pooled among a group of people

synonym: share, split, distribute

(1) divvy up duties, (2) divvy out rewards

The group decided to **divvy** up the tasks evenly for the project.

## 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.

## embryo

 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.

#### differentiate

 to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

synonym: discern, distinguish, separate

(1) **differentiate** between fact and fiction, (2) **differentiate** a function

The teacher asked the students to **differentiate** between the two similar species of birds.

tissue

 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.

#### variation

- the act or state of changing; a difference or change in the way something is done, made or said
- synonym: fluctuation, change, variation
- (1) **variation** of temperature, (2) gene **variation**There is a lot of **variation** in the colors of flowers in the garden.

#### scatter

- v. to cause to separate and go in different directions synonym: disperse, spread, bestrew
- (1) **scatter** seeds, (2) **scatter** around the internet The hunter's approach **scattered** the geese.

#### 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 randomTo find drunk drivers, police conduct random tests.

## complexity

- the state or quality of being complicated or intricate and difficult to understand
- synonym: intricacy, sophistication, elaboration
- (1) cognitive **complexity**, (2) **complexity** theory The project's **complexity** made it difficult for the team to complete it on time.

#### process

- n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
- *synonym*: procedure, method, system
- (1) **process** improvement, (2) decision-making **process**The **process** for applying for a visa can be lengthy and complicated.

fuse

 a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

synonym: (verb) melt, (verb) blend

(1) **fuse** blows, (2) **fuse** with one another He has a short **fuse**.

combine

- v. to join or merge to form a single thing or group synonym: coalesce, cohere, blend
- (1) **combine** chemically with another substance,
- (2) combine augmented reality

Hydrogen and oxygen combine to form water.

sequester

v. to take temporary possession of someone's property until a debt is paid.

synonym: isolate, set apart, segregate

- (1) **sequester** ten percent of the annual carbon emissions,
- (2) sequester myself from the world

He approved their requests to sequester the jury.

faulty

adj. having a defect or flaw that affects performance or operation

synonym: defective, flawed, imperfect

(1) **faulty** equipment, (2) make a **faulty** diagnosis. The **faulty** wiring caused a power outage.

prop

a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

*synonym*: support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last prop.

removal

the act of taking something away or off from a particular place

*synonym*: extraction, elimination, eradication

(1) dental tartar **removal**, (2) **removal** truck

The **removal** of the statue caused much controversy in the community.

## dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

synonym: energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

## degree

 a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym: level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

#### transfer

 to move, pass, or change from one person, place, or situation to another

synonym: move, relocate, shift

(1) transfer a file, (2) transfer power

She **transferred** the money from her savings account to her checking account.

#### instruction

detailed direction, order, etc., on how to do or use something

synonym: education, direction, guidance

(1) individual **instruction**, (2) follow his **instructions**They needed further **instruction** to perform their duties efficiently.

#### involve

v. to include or affect someone or something as a necessary part of something else

*synonym*: implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

#### regulate

 to control something, especially by means of rules or laws

synonym: control, restrain, handle

(1) **regulate** blood sugar levels, (2) **regulate** our conduct We must manage to **regulate** our expenditure.

## defy

v. to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.

synonym: challenge, resist, disobey

(1) **defy** gravity, (2) **defy** authority

She tried to **defy** her parents by moving to the city against their wishes.

#### unfold

 to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

synonym: open, spread out, expose

(1) unfold the story, (2) unfold the stroller

The mystery **unfolded** as the detectives gathered more clues.

## simultaneously

adv. at the same time

synonym: concurrently, coincidently, together

(1) **simultaneously** affected, (2) take several inputs **simultaneously** 

Two students answered the teacher's question simultaneously.

## inseparable

 adj. incapable of being separated or disjoined; closely welded or joined together; mutually dependent or closely linked

synonym: attached, connected, united

(1) **inseparable** friends, (2) **inseparable** duo
The two friends were **inseparable** and did everything together.

# **Session 2: Spelling**

1.	symbiotic	fu	s
	,		

- 3. tr\_\_\_er a file
- 4. increase sl\_\_\_\_ly
- 5. se\_\_\_\_er ten percent of the annual carbon emissions
- 6. the words of a pre\_\_\_\_or
- 7. co\_\_\_\_ve a child
- 8. un\_\_\_d the story
- 9. en ly satisfied with the meal
- 10. bombs fell at ra\_\_\_m

- n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
- v. to include or affect someone or something as a necessary part of something else
- v. to move, pass, or change from one person, place, or situation to another
- adv. in a small degree or extent; a little
- to take temporary possession of someone's property until a debt is paid.
- a person who held a position or office before the current holder
- to have or develop an idea, a plan, etc.
   in mind; to become pregnant
- v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
- adv. completely
- adj. made, done, or happening without method, conscious decision, or any regular pattern

ANSWERS: 1. fungus, 2. involve, 3. transfer, 4. slightly, 5. sequester, 6. predecessor, 7. conceive, 8. unfold, 9. entirely, 10. random

19.	vaon of temperature	n.	the act or state of changing; a difference or change in the way something is done, made or said
20.	eve over the past decade	<i>v</i> .	to develop gradually, or to cause the development of something or someone gradually
21.	small moles	n.	a group of two or more atoms held together by attractive forces known as chemical bonds
22.	a grand conon	n.	a general idea or belief of what something or someone is like or should be; an understanding of a situation or a principle
23.	prs improvement	n.	a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
24.	he was enly to blame	adv.	completely
25.	trte a document into English	v.	to convert or change words into another language
26.	cot base 10 to base 16	<i>v</i> .	to have a talk with someone; (adjective) reversed in order, relation, or action
27.	preor model	n.	a person who held a position or office before the current holder
28.	esal commodities of life	adj.	indispensable; fundamental
	ISWERS: 19. variation, 20. evolve, 21. m tirely, 25. translate, 26. convert, 27. pred		· · · · · · · · · · · · · · · · · · ·

29.	cot fat into energy	<i>v</i> .	to have a talk with someone; (adjective) reversed in order, relation, or action
30.	coe augmented reality	ν.	to join or merge to form a single thing or group
31.	rete our conduct	ν.	to control something, especially by means of rules or laws
32.	mies sterilizer	n.	a tiny living thing that can only be seen with a microscope and that may cause disease
33.	insle friends	adj.	incapable of being separated or disjoined; closely welded or joined together; mutually dependent or closely linked
34.	ine a high degree of risk	ν.	to include or affect someone or something as a necessary part of something else
35.	diy up duties	v.	to divide or distribute something, often something that is shared or pooled among a group of people
36.	diy out rewards	v.	to divide or distribute something, often something that is shared or pooled among a group of people
37.	tam approach	n.	a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
38.	follow his insons	n.	detailed direction, order, etc., on how to do or use something

39. pp stick	n.	a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
40. insle duo	adj.	incapable of being separated or disjoined; closely welded or joined together; mutually dependent or closely linked
41. int ancestral property	v.	to receive money, property, or a title from someone after they have died
42. gee analyses	n.	the complete set or sequence of genes of a human, animal, plant, or other living things
43. feze the soil	v.	to cause an egg, female animal, or plan to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
44. individual inson	n.	detailed direction, order, etc., on how to do or use something
45. production of spm	n.	the reproductive cell produced by a mar or male animal
46. a cuer face mask	n.	a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable
47. simsly affected	adv.	at the same time
48. fe with one another	n.	a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

ANSWERS: 58. complexity, 59. divide, 60. multicellular, 61. timeline, 62. belong, 63. approximately, 64. regulate, 65. tandem, 66. process

ANSWERS: 67. differentiate, 68. embryo, 69. engulf, 70. variation, 71. mammal, 72. separate, 73. dissolve, 74. fuse, 75. random

76. the hydrogen binds the oxn	n.	the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
77. loss of muscle tie	n.	an ensemble of similar cells of the animal or plant that together carry out a specific function
78. scr seeds	<i>v</i> .	to cause to separate and go in different directions
79. dyc person	adj.	having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
80. a membrane of a mitria	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
81. lack of oxn	n.	the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
82. dy gravity	<i>v</i> .	to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.
83. enf in water	<i>v</i> .	to swallow up; to surround and cover completely
84. cellular orles	n.	a specialized subunit, usually within a cell, that has a specific function
ANSWERS: 76. oxygen, 77. tissue, 78. scaoxygen, 82. defy, 83. engulf, 84. organelle		, 79. dynamic, 80. mitochondria, 81.

35.	reI truck	n.	the act of taking something away or off from a particular place
36.	pathogenic mie	n.	a tiny living thing that can only be seen with a microscope and that may cause disease
37.	a dyc market	adj.	having a lot of energy, ideas, and enthusiasm, and a strong personality; o or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies
38.	trer power	v.	to move, pass, or change from one person, place, or situation to another
39.	destruction of human emos	n.	an animal organism in the early stages of growth, either in its mother's womb of in an egg, or a plant that is developing in a seed
90.	appely 3 feet long	adv.	close to a specific number or time but not exactly that number or time
91.	the end of chrme	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
92.	g_e cloning	n.	the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
93.	drug mette	n.	a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

94. a sex chrme	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
95. die money equally	ν.	to separate or cause to separate into parts or groups
96. chaotic envnt	n.	the natural world such as air, water, and land in which humans, animals, and plants live
97. coe chemically with another substance	ν.	to join or merge to form a single thing or group
98. esal amino acid	adj.	indispensable; fundamental
99. dive the sugar	v.	to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
100. oxad parasite	n.	a type of single-celled organism that is found in aquatic environments and is characterized by its use of flagella to move around and capture prey
101. fus infection	n.	a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
102. mette concentration	n.	a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions
103. man with a low spm count	n.	the reproductive cell produced by a man or male animal
ANSWERS: 94. chromosome, 95. divide,	96. e	nvironment, 97. combine, 98.

ANSWERS: 94. chromosome, 95. divide, 96. environment, 97. combine, 98. essential, 99. dissolve, 100. oxymonad, 101. fungus, 102. metabolite, 103. sperm

104. eve
105. scr around the internet
106. romantic desons
107. mole behavior
108. cognitive comty
109. sequencing of the human gee
110. int estate
111. seer myself from the world
112. mullar tissues
113. dep a strategy

- v. to develop gradually, or to cause the development of something or someone gradually
- v. to cause to separate and go in different directions
- n. the place to which someone or something is going or being sent; the ultimate purpose or goal of a journey or action
- a group of two or more atoms held together by attractive forces known as chemical bonds
- the state or quality of being complicated or intricate and difficult to understand
- the complete set or sequence of genes of a human, animal, plant, or other living things
- v. to receive money, property, or a title from someone after they have died
- v. to take temporary possession of someone's property until a debt is paid.
- adj. characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
- 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: 104. evolve, 105. scatter, 106. destination, 107. molecule, 108. complexity, 109. genome, 110. inherit, 111. sequester, 112. multicellular, 113. develop

124. slightly, 125. simultaneously

ANSWERS: 126. fertilize, 127. faulty, 128. transport, 129. differentiate, 130. vary, 131. defy, 132. independence, 133. separate, 134. degree, 135. monocercomonoides

136. a primitive ma\_\_\_l

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

ANSWERS: 136. mammal

# **Session 3: Fill in the Blanks**

1.	The unique morphology of the has puzzled scientists for decades.
n.	a type of single-celled organism that is found in aquatic environments and is characterized by its use of flagella to move around and capture prey
2.	This trail takes 2.5 hours.
ad	v. close to a specific number or time but not exactly that number or time
3.	Later, his claim was found to be false.
ad	v. completely
4.	The fire quickly the entire building.
ν.	to swallow up; to surround and cover completely
5.	The mystery as the detectives gathered more clues.
<i>v</i> .	to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
6.	The bike ride was fun for the couple to enjoy together.
n.	a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
7.	They needed further to perform their duties efficiently.
n.	detailed direction, order, etc., on how to do or use something
8.	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
	ISWERS: 1. oxymonad, 2. approximately, 3. entirely, 4. engulfed, 5. unfolded, 6. dem, 7. instruction, 8. tissue

40.	Maximum heart rates a lot for each individual.
v.	to become different in terms of size, shape, etc.
<b>41</b> . <i>v</i> .	The couple decided to use the non-husband sperm to a wife. 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
	He moved his body to the left.  in a small degree or extent; a little
43.	The life cycle of involves multiple hosts, including snails and fish.
n.	a genus of parasitic single-celled organisms that are typically found in the intestines of various animals
44.	The teacher asked the students to between the two similar species of birds.
ν.	to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
	The two friends were and did everything together.  incapable of being separated or disjoined; closely welded or joined together; mutually dependent or closely linked
<b>46.</b> <i>v</i> .	Can you 123321 by eleven? to separate or cause to separate into parts or groups
<b>47</b> . <i>v</i> .	He approved their requests to the jury.  to take temporary possession of someone's property until a debt is paid.
	SWERS: 40. vary, 41. fertilize, 42. slightly, 43. monocercomonoides, 44. erentiate, 45. inseparable, 46. divide, 47. sequester

48.	She the money from her savings account to her checking account.
ν.	to move, pass, or change from one person, place, or situation to another
49. n.	thrive on the surface of the human skin.  a tiny living thing that can only be seen with a microscope and that may cause disease
50. n.	There is a lot of in the colors of flowers in the garden. the act or state of changing; a difference or change in the way something is done, made or said
51.	Every human is responsible for taking care of the Earth's  the natural world such as air, water, and land in which humans, animals, and plants live
52. v.	We must manage to our expenditure.  to control something, especially by means of rules or laws
53. n.	DNA is used to trace human lineage and migration footprints.  (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
	The wiring caused a power outage.  having a defect or flaw that affects performance or operation
55. v.	I want to my sadness into strength.  to have a talk with someone; (adjective) reversed in order, relation, or action
	SWERS: 48. transferred, 49. Microbes, 50. variation, 51. environment, 52. ulate, 53. Mitochondria, 54. faulty, 55. convert

uilder Ref from "Devin Shuman: The genes you don't get from your parents (but can't live without)   TED Talk" (68 words)
The investigation several government agencies and is expected to take several months.
to include or affect someone or something as a necessary part of something else
I have no of what you intend.
a general idea or belief of what something or someone is like or should be; an understanding of a situation or a principle
The male fertilizes the female egg.
the reproductive cell produced by a man or male animal
He imposed a on the project.
a series of events arranged in chronological order and displayed along a line, usually drawn left to right or top to bottom
She tried to her parents by moving to the city against their wishes.
to challenge or dare someone to do something; to resist or disobey a rule, decision, etc.
ISWERS: 64. involves, 65. conception, 66. sperm, 67. timeline, 68. defy