

# Englist.me



## Vocabulary Builder Reference from...

*Juan Enriquez: We can reprogram life. How to do it wisely | TED Talk*

[https://www.ted.com/talks/juan\\_enriquez\\_we\\_can\\_reprogram\\_life\\_how\\_to\\_do\\_it\\_wisely](https://www.ted.com/talks/juan_enriquez_we_can_reprogram_life_how_to_do_it_wisely)

### Advanced Words Only

#### IMPORTANT

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

## Session 1: Word List

### seduce

*v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship

*synonym*: tempt, lure, entice

(1) **seduce** him into crime, (2) **seduce** her mind

He tried to **seduce** her with his charm and good looks.

### onstage

*adv.* onto or on a stage in a theater; in front of an audience

(1) appeared **onstage**, (2) walk **onstage**

He performed his magic trick **onstage**, leaving the audience in awe.

### salesperson

*n.* a person whose job is to sell goods in a shop or directly to customers

*synonym*: dealer, seller, vendor

(1) a **salesperson** in a store, (2) a drapery **salesperson**

He received the title of the best **salesperson** in all our branches worldwide.

### retrovirus

*n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)

(1) **retrovirus** infection, (2) feline **retrovirus**

The patient's condition improved after beginning a **retrovirus-targeted** treatment regimen.

## mustard

*n.* a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown

*synonym*: condiment, sauce, spice

(1) **mustard** leaf, (2) black **mustard** seed

He had to endure the **mustard** gas attack during the war.

## broccoli

*n.* a green vegetable with a bunch of small, tight florets on a thick stem that belongs to the cabbage family

(1) frozen **broccoli**, (2) **broccoli** sprout

He didn't like **broccoli** floret and avoided eating it.

## cauliflower

*n.* a vegetable that belongs to the same family as broccoli and cabbage, characterized by a compact head of central florets surrounded by green leaves, commonly used in cooking and preparation of various cuisines

(1) **cauliflower** cheese, (2) **cauliflower** curry

I love to roast **cauliflower** with garlic and olive oil for a healthy side dish.

## vitro

*n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish

*synonym*: glass, container, vessel

(1) in **vitro** fermentation, (2) in **vitro** diagnostics

The lab technician used in **vitro** fertilization to help the couple conceive.

## fertilization

*n.* the process of joining a sperm and an egg to produce an embryo

*synonym*: impregnation, pollination, insemination

(1) **fertilization** process, (2) artificial **fertilization**

The **fertilization** of the soil allowed for a bountiful harvest.

## 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.

## 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.

## irradiate

v. to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident

*synonym* : radiate, beam, emit

(1) **irradiate** the atmosphere, (2) **irradiate** a tumor

The nuclear power plant was designed to **irradiate** the uranium rods to produce energy.

## surrogate

*adj.* acting as a substitute or replacement for someone or something else; having a similar function or purpose

*synonym* : substitute, replacement, deputy

(1) **surrogate** pregnancy, (2) **surrogate** decision

The **surrogate** mother gave birth to a healthy baby for the couple who couldn't conceive independently.

## decouple

v. to disconnect or separate something from something else that it was joined to or part of previously

*synonym* : disunite, disjoint, break up

(1) **decouple** a power supply, (2) **decouple** a space shuttle

We have to **decouple** our foreign policy from ideology.

## superpower

*n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities

*synonym* : great power, empire, hegemony

(1) **superpower** country, (2) **superpower** leader

The ability to fly like a bird is often considered a **superpower** in comic books and movies.

## electrify

*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

*synonym* : wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

## 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.

## varsity

*n.* a team representing a college or university in sports, typically composed of the best players

*synonym* : team, squad, first-string

(1) a **varsity** player, (2) **varsity** sport

Jane made the **varsity** team and was thrilled to compete at the highest level.

## valedictorian

*n.* the student who delivers the farewell address at a graduation ceremony, typically the student with the highest academic ranking in their class

*synonym* :

top student, highest achiever, salutatorian

(1) **valedictorian** speech, (2) high school **valedictorian**

He achieved the honor of being the **valedictorian** of his graduating class.

## 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.

## 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.

## germ

*n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one

*synonym*: bacterium, microbe, pathogen

(1) antibiotic-resistant **germ**, (2) a **germ-free** environment

The **germ** of his idea came from watching birds flying in flocks.

## grandchild

*n.* a child of someone's son or daughter

*synonym*: offspring, descendant, progeny

(1) **grandchild-grandparent** relationship, (2) **grandchild** development

The grandparents take care of their **grandchild** while the parents are at work.

## polio

*n.* an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading

to paralysis, muscle weakness, and potentially lifelong disability

*synonym* : poliomyelitis, infantile paralysis

(1) **polio** epidemic, (2) **polio** eradication

The **polio** vaccine development is regarded as one of the greatest medical achievements of the 20th century.

## smallpox

*n.* a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death

*synonym* : variola

(1) **smallpox** epidemic, (2) **smallpox** vaccine

An outbreak of **smallpox** occurred in the 1920s.

## outweigh

*v.* to be heavier, more significant, or more critical than something

*synonym* : dominate, outrank, overpower

(1) **outweigh** the benefit, (2) **outweigh** our wishes

The advantages would undoubtedly **outweigh** the disadvantages.

## orderly

*adj.* clean or organized in a neat, careful and logical way

*synonym* : tidy, tidied, neat

(1) **orderly** and fair market, (2) **orderly** manner

The elections were handled in a timely and **orderly** manner.

## grizzly

*n.* a large North American bear species, often with greyish or brownish fur; a person who has streaks of grey or white hair

*synonym* : bear, ursus, bruin

(1) **grizzly** size, (2) **grizzly** encounter

The hiker stumbled upon a **grizzly** bear in the woods and quickly retreated.

## octopus

*n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)

*synonym* : devilfish

(1) giant **octopus**, (2) venomous **octopus**  
He experienced nausea after eating live **octopus**.

## **hominid**

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

*synonym*: human, primate, ancestor

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

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

## **extinct**

*adj.* no longer in existence

*synonym*: dead, obsolete, abolished

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

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

## **descend**

*v.* to move downward and lower; to come from, or to be connected by a relationship of blood

*synonym*: dip, drop, come down

(1) **descend** a steep hill, (2) **descend** by elevator

She was **descended** from an old Italian noble family.

## **chimpanzee**

*n.* a small, very intelligent ape found in west and central Africa with black or brown fur

*synonym*: ape, chimp, pan troglodytes

(1) **chimpanzee** behavior, (2) **chimpanzee** society

Many zoos have **chimpanzee** exhibits, allowing visitors to observe these intelligent primates up close.

## **overwhelm**

*v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody

*synonym*: conquer, crush, dominate

(1) he was **overwhelmed** with gratitude, (2) **overwhelm** opponents by numbers

Too much variety may **overwhelm** and confuse viewers.

## medicinal

*adj.* of or relating to the treatment or cure of disease

*synonym* : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

## industrious

*adj.* hardworking, diligent, and persistent in effort

*synonym* : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.



## Session 2: Spelling

1. gra\_\_\_\_\_ld-grandparent relationship     *n.* a child of someone's son or daughter
2. or\_\_\_\_\_y and fair market     *adj.* clean or organized in a neat, careful and logical way
3. or\_\_\_\_\_y manner     *adj.* clean or organized in a neat, careful and logical way
4. walk on\_\_\_\_\_e     *adv.* onto or on a stage in a theater; in front of an audience
5. a g\_\_m-free environment     *n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
6. de\_\_\_\_\_d by elevator     *v.* to move downward and lower; to come from, or to be connected by a relationship of blood
7. ou\_\_\_\_\_gh our wishes     *v.* to be heavier, more significant, or more critical than something
8. br\_\_\_\_\_li sprout     *n.* a green vegetable with a bunch of small, tight florets on a thick stem that belongs to the cabbage family
9. sm\_\_\_\_\_ox vaccine     *n.* a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
10. long-ex\_\_\_\_\_t volcano     *adj.* no longer in existence
11. se\_\_\_e her mind     *v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship

ANSWERS: 1. grandchild, 2. orderly, 3. orderly, 4. onstage, 5. germ, 6. descend, 7. outweigh, 8. broccoli, 9. smallpox, 10. extinct, 11. seduce

12. cau\_\_\_\_\_er cheese *n.* a vegetable that belongs to the same family as broccoli and cabbage, characterized by a compact head of central florets surrounded by green leaves, commonly used in cooking and preparation of various cuisines
13. chi\_\_\_\_\_ee society *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
14. black mu\_\_\_\_\_d seed *n.* a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown
15. feline ret\_\_\_\_\_us *n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
16. ov\_\_\_\_\_lm opponents by numbers *v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody
17. ir\_\_\_\_\_te a tumor *v.* to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident
18. ex\_\_\_\_\_t by human activity *adj.* no longer in existence
19. in vi\_\_o diagnostics *n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish

ANSWERS: 12. cauliflower, 13. chimpanzee, 14. mustard, 15. retrovirus, 16. overwhelm, 17. irradiate, 18. extinct, 19. vitro

20. se\_\_\_e him into crime      *v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship
21. ir\_\_\_\_\_te the atmosphere      *v.* to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident
22. ho\_\_\_\_\_d evolution      *n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors
23. 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
24. de\_\_\_\_\_le a space shuttle      *v.* to disconnect or separate something from something else that it was joined to or part of previously
25. mu\_\_\_\_\_d leaf      *n.* a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown
26. 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
27. he was ov\_\_\_\_\_lmed with gratitude      *v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody

ANSWERS: 20. seduce, 21. irradiate, 22. hominid, 23. fertilize, 24. decouple, 25. mustard, 26. mitochondria, 27. overwhelm

28. sm\_\_\_\_ox epidemic *n.* a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
29. artificial fer\_\_\_\_\_ion *n.* the process of joining a sperm and an egg to produce an embryo
30. a drapery sal\_\_\_\_\_on *n.* a person whose job is to sell goods in a shop or directly to customers
31. ind\_\_\_\_\_us worker *adj.* hardworking, diligent, and persistent in effort
32. gr\_\_\_\_\_y size *n.* a large North American bear species, often with greyish or brownish fur; a person who has streaks of grey or white hair
33. appeared on\_\_\_\_\_e *adv.* onto or on a stage in a theater; in front of an audience
34. el\_\_\_\_\_fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
35. fer\_\_\_\_\_ion process *n.* the process of joining a sperm and an egg to produce an embryo
36. in\_\_\_\_\_t estate *v.* to receive money, property, or a title from someone after they have died
37. po\_\_o eradication *n.* an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability
38. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease

ANSWERS: 28. smallpox, 29. fertilization, 30. salesperson, 31. industrious, 32. grizzly, 33. onstage, 34. electrify, 35. fertilization, 36. inherit, 37. polio, 38. medicinal

39. in\_\_\_\_\_t ancestral property      *v.* to receive money, property, or a title from someone after they have died
40. large-toothed ho\_\_\_\_\_d      *n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors
41. ind\_\_\_\_\_us student      *adj.* hardworking, diligent, and persistent in effort
42. de\_\_\_\_\_le a power supply      *v.* to disconnect or separate something from something else that it was joined to or part of previously
43. co\_\_\_\_\_ve of an idea      *v.* to have or develop an idea, a plan, etc. in mind; to become pregnant
44. a sal\_\_\_\_\_on in a store      *n.* a person whose job is to sell goods in a shop or directly to customers
45. sup\_\_\_\_\_er country      *n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities
46. 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
47. venomous oc\_\_\_\_\_s      *n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)
48. interspecies ch\_\_\_\_\_a      *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

ANSWERS: 39. inherit, 40. hominid, 41. industrious, 42. decouple, 43. conceive, 44. salesperson, 45. superpower, 46. fertilize, 47. octopus, 48. chimera

49. gra\_\_\_\_\_ld development *n.* a child of someone's son or daughter
50. sup\_\_\_\_\_er leader *n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities
51. co\_\_\_\_\_ve a child *v.* to have or develop an idea, a plan, etc. in mind; to become pregnant
52. va\_\_\_\_\_y sport *n.* a team representing a college or university in sports, typically composed of the best players
53. su\_\_\_\_\_te decision *adj.* acting as a substitute or replacement for someone or something else; having a similar function or purpose
54. val\_\_\_\_\_ian speech *n.* the student who delivers the farewell address at a graduation ceremony, typically the student with the highest academic ranking in their class
55. in vi\_\_o fermentation *n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish
56. chi\_\_\_\_\_ee behavior *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
57. po\_\_o epidemic *n.* an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability

ANSWERS: 49. grandchild, 50. superpower, 51. conceive, 52. varsity, 53. surrogate, 54. valedictorian, 55. vitro, 56. chimpanzee, 57. polio

58. cau\_\_\_\_\_er curry *n.* a vegetable that belongs to the same family as broccoli and cabbage, characterized by a compact head of central florets surrounded by green leaves, commonly used in cooking and preparation of various cuisines
59. 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
60. 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
61. high school val\_\_\_\_\_ian *n.* the student who delivers the farewell address at a graduation ceremony, typically the student with the highest academic ranking in their class
62. ret\_\_\_\_\_us infection *n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
63. frozen br\_\_\_\_\_li *n.* a green vegetable with a bunch of small, tight florets on a thick stem that belongs to the cabbage family
64. gr\_\_\_\_\_y encounter *n.* a large North American bear species, often with greyish or brownish fur; a person who has streaks of grey or white hair

ANSWERS: 58. cauliflower, 59. mitochondria, 60. chimera, 61. valedictorian, 62. retrovirus, 63. broccoli, 64. grizzly

65. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
66. de\_\_\_\_\_d a steep hill *v.* to move downward and lower; to come from, or to be connected by a relationship of blood
67. su\_\_\_\_\_te pregnancy *adj.* acting as a substitute or replacement for someone or something else; having a similar function or purpose
68. a va\_\_\_\_\_y player *n.* a team representing a college or university in sports, typically composed of the best players
69. el\_\_\_\_\_fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
70. ou\_\_\_\_\_gh the benefit *v.* to be heavier, more significant, or more critical than something
71. antibiotic-resistant g\_\_m *n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
72. giant oc\_\_\_\_\_s *n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)

ANSWERS: 65. medicinal, 66. descend, 67. surrogate, 68. varsity, 69. electrify, 70. outweigh, 71. germ, 72. octopus



## Session 3: Fill in the Blanks

1. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
2. The nuclear power plant was designed to \_\_\_\_\_ the uranium rods to produce energy.  
*v.* to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident
3. I can't \_\_\_\_\_ he'd want to harm us.  
*v.* to have or develop an idea, a plan, etc. in mind; to become pregnant
4. The ability to fly like a bird is often considered a \_\_\_\_\_ in comic books and movies.  
*n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities
5. 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
6. The advantages would undoubtedly \_\_\_\_\_ the disadvantages.  
*v.* to be heavier, more significant, or more critical than something
7. He didn't like \_\_\_\_\_ floret and avoided eating it.  
*n.* a green vegetable with a bunch of small, tight florets on a thick stem that belongs to the cabbage family

ANSWERS: 1. industrious, 2. irradiate, 3. conceive, 4. superpower, 5. fertilize, 6. outweigh, 7. broccoli

8. We have to \_\_\_\_\_ our foreign policy from ideology.
- v.* to disconnect or separate something from something else that it was joined to or part of previously
9. The \_\_\_\_\_ of his idea came from watching birds flying in flocks.
- n.* a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
10. The grandparents take care of their \_\_\_\_\_ while the parents are at work.
- n.* a child of someone's son or daughter
11. The \_\_\_\_\_ mother gave birth to a healthy baby for the couple who couldn't conceive independently.
- adj.* acting as a substitute or replacement for someone or something else; having a similar function or purpose
12. The \_\_\_\_\_ vaccine development is regarded as one of the greatest medical achievements of the 20th century.
- n.* an acute infectious disease caused by a virus that attacks nerve cells in the spinal cord and brain, leading to paralysis, muscle weakness, and potentially lifelong disability
13. After his death, his sons \_\_\_\_\_ his business.
- v.* to receive money, property, or a title from someone after they have died
14. He performed his magic trick \_\_\_\_\_ leaving the audience in awe.
- adv.* onto or on a stage in a theater; in front of an audience
15. Many species have become \_\_\_\_\_ due to habitat destruction and other human activities.
- adj.* no longer in existence

ANSWERS: 8. decouple, 9. germ, 10. grandchild, 11. surrogate, 12. polio, 13. inherited, 14. onstage, 15. extinct

16. The \_\_\_\_\_ of the soil allowed for a bountiful harvest.
- n.* the process of joining a sperm and an egg to produce an embryo
17. The product developed through years of research continues to \_\_\_\_\_ the market.
- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
18. The lab technician used in \_\_\_\_\_ fertilization to help the couple conceive.
- n.* (used as "in vitro") a scientific experiment or procedure that takes place outside of a living organism, usually in a test tube or petri dish
19. The patient's condition improved after beginning a \_\_\_\_\_ treatment regimen.
- n.* a type of RNA virus that uses the enzyme reverse transcriptase to convert its RNA into DNA, which then inserts itself into the host cell's genome, which can cause a variety of diseases in humans and animals, including HIV (Human Immunodeficiency Virus)
20. He experienced nausea after eating live \_\_\_\_\_.
- n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)
21. I love to roast \_\_\_\_\_ with garlic and olive oil for a healthy side dish.
- n.* a vegetable that belongs to the same family as broccoli and cabbage, characterized by a compact head of central florets surrounded by green leaves, commonly used in cooking and preparation of various cuisines
22. He achieved the honor of being the \_\_\_\_\_ of his graduating class.
- n.* the student who delivers the farewell address at a graduation ceremony, typically the student with the highest academic ranking in their class

ANSWERS: 16. fertilization, 17. electrify, 18. vitro, 19. retrovirus-targeted, 20. octopus, 21. cauliflower, 22. valedictorian

23. Too much variety may \_\_\_\_\_ and confuse viewers.
- v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody
24. Scientists have discovered new fossil evidence of an ancient \_\_\_\_\_ species.
- n.* a primate of a family (Hominidae) that includes humans and their fossil ancestors
25. He had to endure the \_\_\_\_\_ gas attack during the war.
- n.* a yellow or brown condiment that tastes spicy made from the seeds of various plants; (adjective) between yellow and brown
26. \_\_\_\_\_ 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
27. An outbreak of \_\_\_\_\_ occurred in the 1920s.
- n.* a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death
28. The hiker stumbled upon a \_\_\_\_\_ bear in the woods and quickly retreated.
- n.* a large North American bear species, often with greyish or brownish fur; a person who has streaks of grey or white hair
29. 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
30. She was \_\_\_\_\_ from an old Italian noble family.
- v.* to move downward and lower; to come from, or to be connected by a relationship of blood

ANSWERS: 23. overwhelm, 24. hominid, 25. mustard, 26. Mitochondria, 27. smallpox, 28. grizzly, 29. chimeras, 30. descended

31. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.  
*adj.* of or relating to the treatment or cure of disease
32. The elections were handled in a timely and \_\_\_\_\_ manner.  
*adj.* clean or organized in a neat, careful and logical way
33. He received the title of the best \_\_\_\_\_ in all our branches worldwide.  
*n.* a person whose job is to sell goods in a shop or directly to customers
34. He tried to \_\_\_\_\_ her with his charm and good looks.  
*v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship
35. Jane made the \_\_\_\_\_ team and was thrilled to compete at the highest level.  
*n.* a team representing a college or university in sports, typically composed of the best players
36. Many zoos have \_\_\_\_\_ exhibits, allowing visitors to observe these intelligent primates up close.  
*n.* a small, very intelligent ape found in west and central Africa with black or brown fur

ANSWERS: 31. medicinal, 32. orderly, 33. salesperson, 34. seduce, 35. varsity, 36. chimpanzee