

# Englist.me



## Vocabulary Builder Reference from...

*Rob Reid: How synthetic biology could wipe out humanity -- and how we can stop it | TED Talk*

[https://www.ted.com/talks/rob\\_reid\\_how\\_synthetic\\_biology\\_could\\_wipe\\_out\\_humanity\\_and\\_how\\_we\\_can\\_stop\\_it](https://www.ted.com/talks/rob_reid_how_synthetic_biology_could_wipe_out_humanity_and_how_we_can_stop_it)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### profoundly

*adv.* to a great or complete degree; deeply

*synonym*: deeply, greatly, completely

(1) **profoundly** insightful, (2) sleep **profoundly**

The novel affected her **profoundly**, causing her to question her beliefs and values.

### nihilist

*n.* a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose

*synonym*: anarchist, cynic, skeptic

(1) violent **nihilist**, (2) militant **nihilist**

The professor accused the student of being a **nihilist** for constantly challenging the course material.

### sever

*v.* to break or separate something by cutting, especially suddenly and forcibly

*synonym*: cut apart, separate, detach

(1) **sever** a rope, (2) **sever** a positive relationship

He **severed** a branch from a tree quickly.

### cleave

*v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and

cohesively

*synonym* : split, sever, cleave

(1) **cleave** meat, (2) **cleave** the party

He swung the axe with all his might to **cleave** the wood in half.

**macabre**

*adj.* gruesome, grisly; relating to death

*synonym* : grotesque, gruesome, sinister

(1) **macabre** tales of war, (2) **macabre** art

The **macabre** scene in the horror movie gave her nightmares for weeks.

**massacre**

*n.* the brutal and indiscriminate killing of a large number of people; a violent and bloody event that typically results in the death of many individuals

*synonym* : slaughter, bloodbath, butchery

(1) **massacre** in the village, (2) animal **massacre**

The **massacre** of innocent civilians in the war zone was a tragic event.

**smashing**

*adj.* very successful or impressive; causing something to be broken or destroyed

*synonym* : great, wonderful, breaking

(1) a **smashing** blow, (2) give **smashing** results

The band's new album was a **smashing** success, reaching the top of the charts.

**apocalyptic**

*adj.* describing severe damage and destruction in past or future events, or the end of the world

*synonym* : fateful, prophetic, ominous

(1) **apocalyptic** event, (2) have **apocalyptic** overtones

The **apocalyptic** landscape of burnt-out villages and bombed-out ruins spread out before them.

**ensue**

*v.* to happen or follow as a result or consequence of something

*synonym* : follow, occur, result

(1) **ensue** within a few years, (2) predict what will **ensue**  
A power outage **ensued** after the storm knocked out the electricity.

## hitch

v. to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle

*synonym* : fasten, jerk, tether

(1) **hitch** a ride, (2) **hitch** up my trousers

The mechanics **hitched** the trailer to the broken-down car.

## boundless

*adj.* having no limits; limitless

*synonym* : limitless, indefinite, bottomless

(1) **boundless** imagination, (2) **boundless** energy

The **boundless** ocean stretched before them as far as the eye could see.

## inept

*adj.* lacking skill or aptitude; clumsy

*synonym* : incompetent, unskilled, clumsy

(1) **inept** government, (2) socially **inept**

He was **inept** at handling the situation.

## derange

v. to disturb the normal functioning or order of something or someone; to cause to go insane or become mentally disturbed

*synonym* : upset, disturb, unsettle

(1) **derange** the rhythm, (2) **derange** my plans

The trauma from the accident **deranged** his mind and left him with permanent mental health issues.

## corollary

n. (in mathematics) a theorem of less importance which can be readily deduced from the proof of another notable proposition; a practical consequence that follows naturally

*synonym* : conclusion, deduction, analogy

(1) a **corollary** from the first theory, (2) **corollary** relief

Newton derived the momentum conservation law as a **corollary** of his second and third laws.

## doomsday

*n.* the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event

*synonym* : Day of Judgment, Last Judgement

(1) **doomsday** scenario, (2) economic **doomsday**

This task is going to take me till **doomsday**.

## 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.

## diffuse

*adj.* spread out widely; not concentrated in one place

*synonym* : spread, scatter

(1) **diffuse** bleeding, (2) **diffuse** cloud

Direct lighting is preferable to **diffuse** lighting when reading.

## benign

*adj.* kind and gentle; not harmful or malicious

*synonym* : kind, gentle, harmless

(1) **benign** tumor, (2) a **benign** smile

The lump was discovered to be **benign**, and no further treatment was needed.

## commandeer

*v.* to take control or possession of something, usually by force or without the owner's consent; to requisition something, typically a vehicle or building, for military use

*synonym* : seize, confiscate, expropriate

(1) **commandeer** a vehicle, (2) **commandeer** private property

The army decided to **commandeer** the local hotel as a temporary headquarters.

## synbio

*n.* (short for "synthetic biology") a field of science that combines biology and engineering to create new synthetic organisms or biological systems

*synonym*: synthetic biology, genetic engineering

(1) **synbio** research, (2) **synbio** engineering

**Synbio** technology allows scientists to create artificial life forms for various purposes.

## ingenious

*adj.* showing inventiveness and ability or skill

*synonym*: creative, innovative, inventive

(1) **ingenious** device, (2) **ingenious** idea

I always look forward to reading his stories since they're so **ingenious**.

## infect

*v.* to affect a person, an animal, or a plant with a disease-causing organism

*synonym*: pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

## contagious

*adj.* able to be passed on to others through contact or proximity, especially by infection or disease

*synonym*: infectious, transmissible, communicable

(1) **contagious** enthusiasm, (2) **contagious** virus

The disease is highly **contagious** and spreads quickly.

## pandemic

*n.* an outbreak of a disease that affects many people over a very wide area

*synonym*: outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

## chairperson

*n.* the officer who presides over organization meetings  
*synonym* : director, head, leader

(1) vice **chairperson**, (2) the meeting elected a **chairperson**

The **chairperson** has the authority to approve or deny any request.

## biosecurity

*n.* a set of measures and protocols designed to protect against the risks associated with the intentional or accidental release of biological agents, such as viruses or bacteria that could cause harm to humans, animals, or plants

*synonym* : biosafety, bio-defense, bio-protection

(1) **biosecurity** measures, (2) **biosecurity** protocol

Researchers are developing new technologies to improve **biosecurity** in the agricultural industry.

## anthrax

*n.* a serious bacterial infection caused by *Bacillus anthracis* that can affect both humans and animals; it is characterized by a range of symptoms, including skin blisters, fever, and difficulty breathing, and can be fatal if left untreated

*synonym* : fever, splenic fever, wool sorters' disease

(1) **anthrax** infection, (2) **anthrax** vaccine

Scientists are currently researching new treatments for **anthrax** that could improve survival rates in infected individuals

## virology

*n.* the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms

*synonym* : viral science, virus study, virus research

(1) diagnostic **virology**, (2) degree programs in **virology**

Advances in **virology** have led to the discovery of new viral diseases and their treatments.

## stodgy

*adj.* dull, uninteresting, or overly conservative; lacking in imagination or creativity; tending to resist change or innovation

*synonym* : dull, boring, uninteresting

(1) **stodgy** food, (2) **stodgy** style

The **stodgy** old professor refused to adopt any new teaching methods or technologies.

## headlong

*adv.* with great speed or force; in a rush, or without caution

*synonym* : recklessly, impulsively, precipitously

(1) continue **headlong** into a risky business, (2) fall

**headlong**

He stumbled **headlong** down the stairs, tumbling to the bottom.

## pox

*n.* a group of infectious diseases that cause skin eruptions and fever, such as smallpox, chicken pox, and cowpox; often used to refer specifically to the skin eruptions caused by these diseases

*synonym* : rash, infection, disease

(1) deadly **pox** disease, (2) **pox** virus

The child had a severe chicken **pox** and had to stay home for over a week.

## incubate

*v.* to keep warm and protected, especially to hatch eggs; to develop and nurture

*synonym* : hatch, breed, gestate

(1) **incubate** terrorism in developing countries, (2) **incubate** an idea

The scientists decided to **incubate** the eggs for further study.

## indict

*v.* to formally charge or accuse someone of a crime, based on the decision of a grand jury or other legal authority; to bring a legal case against someone, typically to prosecute and punish them

*synonym* : accuse, charge, prosecute

(1) **indict** a suspect, (2) **indict** him of injuries

The FBI worked tirelessly to gather enough evidence to **indict** the corrupt politician.

### **critter**

*n.* a small or unimportant creature or animal, often used in a familiar or affectionate way

*synonym*: animal, creature, beast

(1) cute **critter**, (2) wild **critter**

During their camping trip, the kids were excited to go **critter** hunting in the woods.

### **disfigure**

*v.* to spoil or mar the appearance of something or someone by damaging or altering its shape, features, or proportions; to cause physical deformity or injury

*synonym*: mutilate, deform, mar

(1) **disfigure** my face, (2) **disfigure** the artwork

The scars from the car accident **disfigured** his left arm horribly.

### **improvisation**

*n.* the act of making something up on the spot or creating or performing something without preparation

*synonym*: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

### **premed**

*n.* (an abbreviation for "pre-medical") a course of study or preparation undertaken by students planning to enter medical school or pursue a career in medicine

(1) **premed** class, (2) **premed** coursework

The **premed** student spent hours studying anatomy and physiology to prepare for medical school.

### **intersect**

*v.* to meet or cross one another

*synonym*: cross, bisect, cut

(1) **intersect** at a point, (2) railways **intersect** the country

Her multidisciplinary works **intersect** music and picture with



writing.

## neuroscience

*n.* the scientific study of the function, structure, and disorder of the brain and the nervous system

(1) the branch of **neuroscience**, (2) a theoretical concept in **neuroscience**

Our university is famous for its professors, who are well-versed in behavioral **neuroscience**.

## revere

*v.* to feel deep and profound respect or admiration for someone or something; to hold in high esteem

*synonym*: worship, venerate, admire

(1) **revere** a hero, (2) **revere** a deity

Many people **revere** their religious leaders and look up to them for guidance.

## annihilate

*v.* to destroy completely; to cause something to cease to exist

*synonym*: destroy, obliterate, eradicate

(1) **annihilate** the enemy, (2) **annihilate** all doubts

The virus had the potential to **annihilate** entire populations if left unchecked.

## bioweapon

*n.* a biological agent or toxin that is intentionally used as a weapon to cause harm or death to humans, animals, or plants and to disrupt social, economic, or political stability

*synonym*: biological weapon, germ warfare, bio-agent

(1) **bioweapon** research, (2) deploy **bioweapons**

Using insects or animals as a vector to spread diseases is a classical **bioweapon**.

## secondly

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

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

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

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

## enlist

*v.* to sign up to serve in the military or a particular organization

*synonym*: join, sign up, appoint

(1) **enlist** in a cause, (2) **enlist** for a soldier

He decided to **enlist** in the military after graduating from high school.

## bioengineering

*n.* the application of engineering principles to the design and production of biological systems and products

*synonym*: biomedical engineering, genetic engineering, biotechnology

(1) **bioengineering** field, (2) **bioengineering** techniques

The **bioengineering** lab has state-of-the-art equipment and software for analyzing biological systems and designing new solutions.

## inflict

*v.* to cause harm, injury, or suffering to someone or something

*synonym*: impose, levy, administer

(1) **inflict** a heavier tax, (2) **inflict** a hard blow

The storm **inflicted** significant damage on the town.

## grievous

*adj.* causing great suffering, pain, or sorrow; serious, grave, or dire

*synonym*: atrocious, severe, painful

(1) **grievous** condition, (2) **grievous** mistake

The **grievous** injury he sustained in the car accident left him unable to walk.

## steward

*n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.

*synonym* : caretaker, manager, custodian

(1) **steward** duties, (2) **steward** service

The **steward** on the flight was very helpful in assisting passengers with their needs.

## corruptible

*adj.* capable of being made to do something dishonest or immoral

*synonym* : bribable, dishonest, venal

(1) **corruptible** officials, (2) **corruptible** judges

Bureaucracies are more **corruptible** than other systems or organizations.

## privatize

*v.* to transfer ownership or control of a business or industry from government or public control to private ownership or control; to make something into a private enterprise or organization

*synonym* : deregulate, denationalize

(1) **privatize** post offices, (2) **privatize** healthcare

The government wants to **privatize** specific industries to boost their efficiency.

## repulsive

*adj.* causing strong dislike or disgust; offensive, unpleasant, or grotesque; resisting or rejecting contact or influence

*synonym* : disgusting, revolting, repugnant

(1) **repulsive** smell, (2) **repulsive** act

The politician's rhetoric was so **repulsive** that many people refused to vote for him.

## loom

*v.* to appear or take shape as a large, especially in a frightening way

*synonym* : appear, come on, overshadow

(1) **loom** over the global economy, (2) **loom** on the horizon

The issue of divorce **loomed** large in his mind.

## outsource

*v.* to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure

*synonym*: delegate, contract out, farm out

(1) **outsource** a non-core function, (2) **outsource** to India  
The company decided to **outsource** its IT services to a third-party provider.

## pathogen

*n.* a bacterium, virus, or other microorganism that causes disease

*synonym*: germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air  
mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

## multilayer

*n.* something that consists of multiple layers or levels

*synonym*: lamination, layering, strata

(1) **multilayer** alloy, (2) **multilayer** film

A cake with a **multilayer** filling is a delicious treat.

## smartphone

*n.* a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict  
Internet traffic volumes have increased significantly with the advent of **smartphones**.

## agile

*adj.* able to move quickly and easily, often in a way that is graceful and controlled

*synonym*: nimble, quick, flexible

(1) an **agile** mind, (2) **agile** in his movements

The **agile** development process allowed the team to make changes quickly.

## 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.

## prioritize

v. to assign a higher level of importance to something compared to other things

*synonym*: rank, order, arrange

(1) **prioritize** tasks, (2) **prioritize** people over cars

The organization **prioritized** the needs of the community in its decision-making.

## crippling

*adj.* causing someone to become unable to walk or move; causing severe damage or harm

*synonym*: harmful, damaging, catastrophic

(1) **crippling** debt, (2) a **crippling** strike

He is still struggling with a **crippling** disease.

## endanger

v. to put someone or something in a risky situation

*synonym*: threaten, imperil, jeopardize

(1) **endanger** my health, (2) **endanger** a close relationship

Their actions **endangered** the lives of innocent people.

## afflict

v. to cause pain, suffering, or distress to someone or something

*synonym*: trouble, distress, bother

(1) **afflict** with the plague, (2) **afflict** the economy

The disease can **afflict** both humans and animals.

## despicable

*adj.* deserving of contempt or scorn; morally reprehensible or despicable

*synonym*: contemptible, vile, shameful

(1) **despicable** cowardice, (2) **despicable** behavior

The **despicable** act of stealing from the elderly is a heinous crime.

## terrifying

*adj.* very frightening or intimidating

*synonym*: frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events

Large earthquakes often generate **terrifying** tsunamis.

## befall

v. to happen or occur, especially unexpectedly or by chance; to affect or happen to someone or something in a negative or unfortunate way

*synonym* : occur, happen, take place

(1) **befall** tragedy, (2) misfortunes **befall**

I hope nothing bad will **befall** my family during the storm.

## Session 2: Spelling

1. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
2. ter\_\_\_\_\_ng experience *adj.* very frightening or intimidating
3. pro\_\_\_\_\_ly insightful *adv.* to a great or complete degree; deeply
4. se\_\_r a positive relationship *v.* to break or separate something by cutting, especially suddenly and forcibly
5. mul\_\_\_\_\_er alloy *n.* something that consists of multiple layers or levels
6. deadly p\_x disease *n.* a group of infectious diseases that cause skin eruptions and fever, such as smallpox, chicken pox, and cowpox; often used to refer specifically to the skin eruptions caused by these diseases
7. de\_\_\_\_\_e the rhythm *v.* to disturb the normal functioning or order of something or someone; to cause to go insane or become mentally disturbed
8. st\_\_\_\_\_d service *n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.
9. se\_\_r a rope *v.* to break or separate something by cutting, especially suddenly and forcibly

ANSWERS: 1. medicinal, 2. terrifying, 3. profoundly, 4. sever, 5. multilayer, 6. pox, 7. derange, 8. steward, 9. sever

10. in\_\_\_\_t a heavier tax  
*v.* to cause harm, injury, or suffering to someone or something
11. in\_\_\_\_\_us idea  
*adj.* showing inventiveness and ability or skill
12. apo\_\_\_\_\_ic event  
*adj.* describing severe damage and destruction in past or future events, or the end of the world
13. in\_\_\_t him of injuries  
*v.* to formally charge or accuse someone of a crime, based on the decision of a grand jury or other legal authority; to bring a legal case against someone, typically to prosecute and punish them
14. in\_\_t government  
*adj.* lacking skill or aptitude; clumsy
15. p\_x virus  
*n.* a group of infectious diseases that cause skin eruptions and fever, such as smallpox, chicken pox, and cowpox; often used to refer specifically to the skin eruptions caused by these diseases
16. re\_\_\_e a hero  
*v.* to feel deep and profound respect or admiration for someone or something; to hold in high esteem
17. pr\_\_\_\_\_ze post offices  
*v.* to transfer ownership or control of a business or industry from government or public control to private ownership or control; to make something into a private enterprise or organization
18. cute cr\_\_\_\_r  
*n.* a small or unimportant creature or animal, often used in a familiar or affectionate way

ANSWERS: 10. inflict, 11. ingenious, 12. apocalyptic, 13. indict, 14. inept, 15. pox, 16. revere, 17. privatize, 18. critter



19. gr\_\_\_\_us mistake *adj.* causing great suffering, pain, or sorrow; serious, grave, or dire
20. diagnostic vi\_\_\_\_gy *n.* the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms
21. have apo\_\_\_\_ic overtones *adj.* describing severe damage and destruction in past or future events, or the end of the world
22. ou\_\_\_\_ce to India *v.* to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure
23. con\_\_\_\_us enthusiasm *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
24. bio\_\_\_\_ty protocol *n.* a set of measures and protocols designed to protect against the risks associated with the intentional or accidental release of biological agents, such as viruses or bacteria that could cause harm to humans, animals, or plants
25. cl\_\_\_\_e meat *v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively
26. af\_\_\_\_t with the plague *v.* to cause pain, suffering, or distress to someone or something
27. a cr\_\_\_\_ng strike *adj.* causing someone to become unable to walk or move; causing severe damage or harm

ANSWERS: 19. grievous, 20. virology, 21. apocalyptic, 22. outsource, 23. contagious, 24. biosecurity, 25. cleave, 26. afflict, 27. crippling

28. an\_\_\_\_x infection *n.* a serious bacterial infection caused by *Bacillus anthracis* that can affect both humans and animals; it is characterized by a range of symptoms, including skin blisters, fever, and difficulty breathing, and can be fatal if left untreated
29. sy\_\_\_\_o engineering *n.* (short for "synthetic biology") a field of science that combines biology and engineering to create new synthetic organisms or biological systems
30. an\_\_\_\_x vaccine *n.* a serious bacterial infection caused by *Bacillus anthracis* that can affect both humans and animals; it is characterized by a range of symptoms, including skin blisters, fever, and difficulty breathing, and can be fatal if left untreated
31. the branch of neu\_\_\_\_\_nce *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
32. gr\_\_\_\_us condition *adj.* causing great suffering, pain, or sorrow; serious, grave, or dire
33. in\_\_\_\_t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
34. sma\_\_\_\_\_ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
35. continue he\_\_\_\_\_ng into a risky business *adv.* with great speed or force; in a rush, or without caution
36. jazz imp\_\_\_\_\_ion *n.* the act of making something up on the spot or creating or performing something without preparation

ANSWERS: 28. anthrax, 29. synbio, 30. anthrax, 31. neuroscience, 32. grievous, 33. infect, 34. smartphone, 35. headlong, 36. improvisation

37. 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
38. en\_\_\_t for a soldier *v.* to sign up to serve in the military or a particular organization
39. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
40. en\_\_\_\_\_er my health *v.* to put someone or something in a risky situation
41. cr\_\_\_\_\_ng debt *adj.* causing someone to become unable to walk or move; causing severe damage or harm
42. co\_\_\_\_\_ry relief *n.* (in mathematics) a theorem of less importance which can be readily deduced from the proof of another notable proposition; a practical consequence that follows naturally
43. bo\_\_\_\_\_ss imagination *adj.* having no limits; limitless
44. cor\_\_\_\_\_le judges *adj.* capable of being made to do something dishonest or immoral
45. ter\_\_\_\_\_ng events *adj.* very frightening or intimidating
46. con\_\_\_\_\_us virus *adj.* able to be passed on to others through contact or proximity, especially by infection or disease
47. socially in\_\_t *adj.* lacking skill or aptitude; clumsy

ANSWERS: 37. superpower, 38. enlist, 39. medicinal, 40. endanger, 41. crippling, 42. corollary, 43. boundless, 44. corruptible, 45. terrifying, 46. contagious, 47. inept

48. de\_\_\_\_\_e my plans      *v.* to disturb the normal functioning or order of something or someone; to cause to go insane or become mentally disturbed
49. di\_\_\_\_\_e cloud      *adj.* spread out widely; not concentrated in one place
50. plant pa\_\_\_\_\_en      *n.* a bacterium, virus, or other microorganism that causes disease
51. a theoretical concept in neu\_\_\_\_\_nce      *n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
52. en\_\_\_\_\_er a close relationship      *v.* to put someone or something in a risky situation
53. railways in\_\_\_\_\_ct the country      *v.* to meet or cross one another
54. be\_\_\_\_\_n tumor      *adj.* kind and gentle; not harmful or malicious
55. en\_\_e within a few years      *v.* to happen or follow as a result or consequence of something
56. in\_\_\_t other animal species      *v.* to affect a person, an animal, or a plant with a disease-causing organism
57. ma\_\_\_\_\_re in the village      *n.* the brutal and indiscriminate killing of a large number of people; a violent and bloody event that typically results in the death of many individuals
58. com\_\_\_\_\_er a vehicle      *v.* to take control or possession of something, usually by force or without the owner's consent; to requisition something, typically a vehicle or building, for military use

ANSWERS: 48. derange, 49. diffuse, 50. pathogen, 51. neuroscience, 52. endanger, 53. intersect, 54. benign, 55. ensue, 56. infect, 57. massacre, 58. commandeer

59. mul\_\_\_\_\_er film *n.* something that consists of multiple layers or levels
60. se\_\_\_\_\_ly, it is important *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
61. hi\_\_h a ride *v.* to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle
62. bio\_\_\_\_\_ing techniques *n.* the application of engineering principles to the design and production of biological systems and products
63. 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
64. misfortunes be\_\_\_\_l *v.* to happen or occur, especially unexpectedly or by chance; to affect or happen to someone or something in a negative or unfortunate way
65. in\_\_\_\_\_te an idea *v.* to keep warm and protected, especially to hatch eggs; to develop and nurture
66. militant ni\_\_\_\_\_st *n.* a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose
67. in\_\_\_\_\_t a hard blow *v.* to cause harm, injury, or suffering to someone or something

ANSWERS: 59. multilayer, 60. secondly, 61. hitch, 62. bioengineering, 63. superpower, 64. befall, 65. incubate, 66. nihilist, 67. inflict

68. st\_\_\_\_d duties *n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.
69. economic do\_\_\_\_ay *n.* the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event
70. st\_\_\_\_y style *adj.* dull, uninteresting, or overly conservative; lacking in imagination or creativity; tending to resist change or innovation
71. bo\_\_\_\_ss energy *adj.* having no limits; limitless
72. cl\_\_\_\_e the party *v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively
73. bi\_\_\_\_on research *n.* a biological agent or toxin that is intentionally used as a weapon to cause harm or death to humans, animals, or plants and to disrupt social, economic, or political stability
74. in\_\_\_\_t a suspect *v.* to formally charge or accuse someone of a crime, based on the decision of a grand jury or other legal authority; to bring a legal case against someone, typically to prosecute and punish them

ANSWERS: 68. steward, 69. doomsday, 70. stodgy, 71. boundless, 72. cleave, 73. bioweapon, 74. indict

75. degree programs in vi\_\_\_\_\_gy      *n.* the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms
76. ma\_\_\_\_\_e art      *adj.* gruesome, grisly; relating to death
77. re\_\_\_\_e a deity      *v.* to feel deep and profound respect or admiration for someone or something; to hold in high esteem
78. sma\_\_\_\_\_ne app developer      *n.* a mobile phone that functions as a computer and connects to the Internet
79. in\_\_\_\_\_ct at a point      *v.* to meet or cross one another
80. en\_\_\_\_t in a cause      *v.* to sign up to serve in the military or a particular organization
81. give sm\_\_\_\_\_ng results      *adj.* very successful or impressive; causing something to be broken or destroyed
82. bio\_\_\_\_\_ing field      *n.* the application of engineering principles to the design and production of biological systems and products
83. se\_\_\_\_\_ly connected      *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
84. violent ni\_\_\_\_\_st      *n.* a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose
85. a sm\_\_\_\_\_ng blow      *adj.* very successful or impressive; causing something to be broken or destroyed
86. hi\_\_h up my trousers      *v.* to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle

ANSWERS: 75. virology, 76. macabre, 77. revere, 78. smartphone, 79. intersect, 80. enlist, 81. smashing, 82. bioengineering, 83. secondly, 84. nihilist, 85. smashing, 86. hitch

87. sleep pro\_\_\_\_\_ly *adv.* to a great or complete degree; deeply
88. imp\_\_\_\_\_ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
89. vice cha\_\_\_\_\_on *n.* the officer who presides over organization meetings
90. st\_\_\_y food *adj.* dull, uninteresting, or overly conservative; lacking in imagination or creativity; tending to resist change or innovation
91. di\_\_\_\_\_re the artwork *v.* to spoil or mar the appearance of something or someone by damaging or altering its shape, features, or proportions; to cause physical deformity or injury
92. do\_\_\_\_\_ay scenario *n.* the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event
93. re\_\_\_\_\_ve smell *adj.* causing strong dislike or disgust; offensive, unpleasant, or grotesque; resisting or rejecting contact or influence
94. a be\_\_\_n smile *adj.* kind and gentle; not harmful or malicious
95. flu pa\_\_\_\_\_ic *n.* an outbreak of a disease that affects many people over a very wide area
96. pri\_\_\_\_\_ze people over cars *v.* to assign a higher level of importance to something compared to other things

ANSWERS: 87. profoundly, 88. improvisation, 89. chairperson, 90. stodgy, 91. disfigure, 92. doomsday, 93. repulsive, 94. benign, 95. pandemic, 96. prioritize



97. I\_\_m over the global economy      *v.* to appear or take shape as a large, especially in a frightening way
98. af\_\_\_\_t the economy      *v.* to cause pain, suffering, or distress to someone or something
99. pr\_\_\_\_ze healthcare      *v.* to transfer ownership or control of a business or industry from government or public control to private ownership or control; to make something into a private enterprise or organization
100. sy\_\_\_o research      *n.* (short for "synthetic biology") a field of science that combines biology and engineering to create new synthetic organisms or biological systems
101. pri\_\_\_\_ze tasks      *v.* to assign a higher level of importance to something compared to other things
102. an ag\_\_e mind      *adj.* able to move quickly and easily, often in a way that is graceful and controlled
103. predict what will en\_\_e      *v.* to happen or follow as a result or consequence of something
104. des\_\_\_\_le behavior      *adj.* deserving of contempt or scorn; morally reprehensible or despicable
105. in\_\_\_\_te terrorism in developing countries      *v.* to keep warm and protected, especially to hatch eggs; to develop and nurture
106. des\_\_\_\_le cowardice      *adj.* deserving of contempt or scorn; morally reprehensible or despicable
107. the meeting elected a cha\_\_\_\_on      *n.* the officer who presides over organization meetings
108. re\_\_\_\_ve act      *adj.* causing strong dislike or disgust; offensive, unpleasant, or grotesque; resisting or rejecting contact or influence

ANSWERS: 97. loom, 98. afflict, 99. privatize, 100. synbio, 101. prioritize, 102. agile, 103. ensue, 104. despicable, 105. incubate, 106. despicable, 107. chairperson, 108. repulsive

109. cor\_\_\_\_\_le officials *adj.* capable of being made to do something dishonest or immoral
110. be\_\_\_l tragedy *v.* to happen or occur, especially unexpectedly or by chance; to affect or happen to someone or something in a negative or unfortunate way
111. the pa\_\_\_\_\_en in the air *n.* a bacterium, virus, or other microorganism that causes disease
112. animal ma\_\_\_\_\_re *n.* the brutal and indiscriminate killing of a large number of people; a violent and bloody event that typically results in the death of many individuals
113. wild cr\_\_\_\_\_r *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
114. l\_\_\_m on the horizon *v.* to appear or take shape as a large, especially in a frightening way
115. a co\_\_\_\_\_ry from the first theory *n.* (in mathematics) a theorem of less importance which can be readily deduced from the proof of another notable proposition; a practical consequence that follows naturally
116. ann\_\_\_\_\_te all doubts *v.* to destroy completely; to cause something to cease to exist
117. global pa\_\_\_\_\_ic *n.* an outbreak of a disease that affects many people over a very wide area
118. deploy bi\_\_\_\_\_ons *n.* a biological agent or toxin that is intentionally used as a weapon to cause harm or death to humans, animals, or plants and to disrupt social, economic, or political stability

ANSWERS: 109. corruptible, 110. befall, 111. pathogen, 112. massacre, 113. critter, 114. loom, 115. corollary, 116. annihilate, 117. pandemic, 118. bioweapon

119. di\_\_\_\_\_re my face      *v.* to spoil or mar the appearance of something or someone by damaging or altering its shape, features, or proportions; to cause physical deformity or injury
120. bio\_\_\_\_\_ty measures      *n.* a set of measures and protocols designed to protect against the risks associated with the intentional or accidental release of biological agents, such as viruses or bacteria that could cause harm to humans, animals, or plants
121. ou\_\_\_\_\_ce a non-core function      *v.* to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure
122. ann\_\_\_\_\_te the enemy      *v.* to destroy completely; to cause something to cease to exist
123. pr\_\_\_\_d class      *n.* (an abbreviation for "pre-medical") a course of study or preparation undertaken by students planning to enter medical school or pursue a career in medicine
124. com\_\_\_\_\_er private property      *v.* to take control or possession of something, usually by force or without the owner's consent; to requisition something, typically a vehicle or building, for military use
125. di\_\_\_\_\_e bleeding      *adj.* spread out widely; not concentrated in one place
126. ag\_\_e in his movements      *adj.* able to move quickly and easily, often in a way that is graceful and controlled

ANSWERS: 119. disfigure, 120. biosecurity, 121. outsource, 122. annihilate, 123. premed, 124. commandeered, 125. diffuse, 126. agile

127. fall he\_\_\_\_\_ng

*adv.* with great speed or force; in a rush, or without caution

128. pr\_\_\_\_d coursework

*n.* (an abbreviation for "pre-medical") a course of study or preparation undertaken by students planning to enter medical school or pursue a career in medicine

129. in\_\_\_\_\_us device

*adj.* showing inventiveness and ability or skill

130. ma\_\_\_\_\_e tales of war

*adj.* gruesome, grisly; relating to death

ANSWERS: 127. headlong, 128. premed, 129. ingenious, 130. macabre

## Session 3: Fill in the Blanks

1. He \_\_\_\_\_ a branch from a tree quickly.  
*v.* to break or separate something by cutting, especially suddenly and forcibly
2. The company decided to \_\_\_\_\_ its IT services to a third-party provider.  
*v.* to contract out or transfer a job, task, or service to an external organization or party, often as a cost-saving measure
3. The disease is highly \_\_\_\_\_ and spreads quickly.  
*adj.* able to be passed on to others through contact or proximity, especially by infection or disease
4. A cake with a \_\_\_\_\_ filling is a delicious treat.  
*n.* something that consists of multiple layers or levels
5. He swung the axe with all his might to \_\_\_\_\_ the wood in half.  
*v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively
6. He is still struggling with a \_\_\_\_\_ disease.  
*adj.* causing someone to become unable to walk or move; causing severe damage or harm
7. The \_\_\_\_\_ act of stealing from the elderly is a heinous crime.  
*adj.* deserving of contempt or scorn; morally reprehensible or despicable
8. The child had a severe chicken \_\_\_\_ and had to stay home for over a week.  
*n.* a group of infectious diseases that cause skin eruptions and fever, such as smallpox, chicken pox, and cowpox; often used to refer specifically to the skin eruptions caused by these diseases

ANSWERS: 1. severed, 2. outsource, 3. contagious, 4. multilayer, 5. cleave, 6. crippling, 7. despicable, 8. pox

9. The storm \_\_\_\_\_ significant damage on the town.  
*v.* to cause harm, injury, or suffering to someone or something
10. The army decided to \_\_\_\_\_ the local hotel as a temporary headquarters.  
*v.* to take control or possession of something, usually by force or without the owner's consent; to requisition something, typically a vehicle or building, for military use
11. The government wants to \_\_\_\_\_ specific industries to boost their efficiency.  
*v.* to transfer ownership or control of a business or industry from government or public control to private ownership or control; to make something into a private enterprise or organization
12. Many people \_\_\_\_\_ their religious leaders and look up to them for guidance.  
*v.* to feel deep and profound respect or admiration for someone or something; to hold in high esteem
13. The lump was discovered to be \_\_\_\_\_ and no further treatment was needed.  
*adj.* kind and gentle; not harmful or malicious
14. A power outage \_\_\_\_\_ after the storm knocked out the electricity.  
*v.* to happen or follow as a result or consequence of something
15. The novel affected her \_\_\_\_\_ causing her to question her beliefs and values.  
*adv.* to a great or complete degree; deeply
16. Large earthquakes often generate \_\_\_\_\_ tsunamis.  
*adj.* very frightening or intimidating

ANSWERS: 9. inflicted, 10. commandeer, 11. privatize, 12. revere, 13. benign, 14. ensued, 15. profoundly, 16. terrifying

17. Direct lighting is preferable to \_\_\_\_\_ lighting when reading.

*adj.* spread out widely; not concentrated in one place

18. He created a beautiful piece of music using only \_\_\_\_\_.

*n.* the act of making something up on the spot or creating or performing something without preparation

19. The \_\_\_\_\_ development process allowed the team to make changes quickly.

*adj.* able to move quickly and easily, often in a way that is graceful and controlled

20. Advances in \_\_\_\_\_ have led to the discovery of new viral diseases and their treatments.

*n.* the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms

21. The organization \_\_\_\_\_ the needs of the community in its decision-making.

*v.* to assign a higher level of importance to something compared to other things

22. The \_\_\_\_\_ landscape of burnt-out villages and bombed-out ruins spread out before them.

*adj.* describing severe damage and destruction in past or future events, or the end of the world

23. The \_\_\_\_\_ injury he sustained in the car accident left him unable to walk.

*adj.* causing great suffering, pain, or sorrow; serious, grave, or dire

24. Newton derived the momentum conservation law as a \_\_\_\_\_ of his second and third laws.

*n.* (in mathematics) a theorem of less importance which can be readily deduced from the proof of another notable proposition; a practical consequence that follows naturally

ANSWERS: 17. diffuse, 18. improvisation, 19. agile, 20. virology, 21. prioritized, 22. apocalyptic, 23. grievous, 24. corollary

25. Internet traffic volumes have increased significantly with the advent of \_\_\_\_\_.
- n.* a mobile phone that functions as a computer and connects to the Internet
26. Her multidisciplinary works \_\_\_\_\_ music and picture with writing.
- v.* to meet or cross one another
27. The \_\_\_\_\_ on the flight was very helpful in assisting passengers with their needs.
- n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.
28. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease
29. The issue of divorce \_\_\_\_\_ large in his mind.
- v.* to appear or take shape as a large, especially in a frightening way
30. The \_\_\_\_\_ has the authority to approve or deny any request.
- n.* the officer who presides over organization meetings
31. Our university is famous for its professors, who are well-versed in behavioral \_\_\_\_\_.
- n.* the scientific study of the function, structure, and disorder of the brain and the nervous system
32. This task is going to take me till \_\_\_\_\_.
- n.* the last day of the world when Christians believe that God will judge everyone; an unpleasant or disastrous event

ANSWERS: 25. smartphones, 26. intersect, 27. steward, 28. medicinal, 29. loomed, 30. chairperson, 31. neuroscience, 32. doomsday



33. The \_\_\_\_\_ ocean stretched before them as far as the eye could see.

*adj.* having no limits; limitless

34. The \_\_\_\_\_ student spent hours studying anatomy and physiology to prepare for medical school.

*n.* (an abbreviation for "pre-medical") a course of study or preparation undertaken by students planning to enter medical school or pursue a career in medicine

35. He stumbled \_\_\_\_\_ down the stairs, tumbling to the bottom.

*adv.* with great speed or force; in a rush, or without caution

36. The \_\_\_\_\_ lab has state-of-the-art equipment and software for analyzing biological systems and designing new solutions.

*n.* the application of engineering principles to the design and production of biological systems and products

37. The politician's rhetoric was so \_\_\_\_\_ that many people refused to vote for him.

*adj.* causing strong dislike or disgust; offensive, unpleasant, or grotesque; resisting or rejecting contact or influence

38. The professor accused the student of being a \_\_\_\_\_ for constantly challenging the course material.

*n.* a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose

39. Researchers are developing new technologies to improve \_\_\_\_\_ in the agricultural industry.

*n.* a set of measures and protocols designed to protect against the risks associated with the intentional or accidental release of biological agents, such as viruses or bacteria that could cause harm to humans, animals, or plants

ANSWERS: 33. boundless, 34. premed, 35. headlong, 36. bioengineering, 37. repulsive, 38. nihilist, 39. biosecurity

40. Their actions \_\_\_\_\_ the lives of innocent people.  
*v.* to put someone or something in a risky situation
41. Using insects or animals as a vector to spread diseases is a classical \_\_\_\_\_.  
*n.* a biological agent or toxin that is intentionally used as a weapon to cause harm or death to humans, animals, or plants and to disrupt social, economic, or political stability
42. mRNA vaccines are approved faster because they do not contain inactivated \_\_\_\_\_.  
*n.* a bacterium, virus, or other microorganism that causes disease
43. The scars from the car accident \_\_\_\_\_ his left arm horribly.  
*v.* to spoil or mar the appearance of something or someone by damaging or altering its shape, features, or proportions; to cause physical deformity or injury
44. \_\_\_\_\_ technology allows scientists to create artificial life forms for various purposes.  
*n.* (short for "synthetic biology") a field of science that combines biology and engineering to create new synthetic organisms or biological systems
45. I always look forward to reading his stories since they're so \_\_\_\_\_.  
*adj.* showing inventiveness and ability or skill
46. I hope nothing bad will \_\_\_\_\_ my family during the storm.  
*v.* to happen or occur, especially unexpectedly or by chance; to affect or happen to someone or something in a negative or unfortunate way
47. During their camping trip, the kids were excited to go \_\_\_\_\_ hunting in the woods.  
*n.* a small or unimportant creature or animal, often used in a familiar or affectionate way

ANSWERS: 40. endangered, 41. bioweapon, 42. pathogens, 43. disfigured, 44. Synbio, 45. ingenious, 46. befall, 47. critter

48. The band's new album was a \_\_\_\_\_ success, reaching the top of the charts.  
*adj.* very successful or impressive; causing something to be broken or destroyed
49. The trauma from the accident \_\_\_\_\_ his mind and left him with permanent mental health issues.  
*v.* to disturb the normal functioning or order of something or someone; to cause to go insane or become mentally disturbed
50. The \_\_\_\_\_ old professor refused to adopt any new teaching methods or technologies.  
*adj.* dull, uninteresting, or overly conservative; lacking in imagination or creativity; tending to resist change or innovation
51. Scientists are currently researching new treatments for \_\_\_\_\_ that could improve survival rates in infected individuals  
*n.* a serious bacterial infection caused by *Bacillus anthracis* that can affect both humans and animals; it is characterized by a range of symptoms, including skin blisters, fever, and difficulty breathing, and can be fatal if left untreated
52. Bureaucracies are more \_\_\_\_\_ than other systems or organizations.  
*adj.* capable of being made to do something dishonest or immoral
53. Children often \_\_\_\_\_ parents with this head cold.  
*v.* to affect a person, an animal, or a plant with a disease-causing organism
54. The scientists decided to \_\_\_\_\_ the eggs for further study.  
*v.* to keep warm and protected, especially to hatch eggs; to develop and nurture
55. He was \_\_\_\_\_ at handling the situation.  
*adj.* lacking skill or aptitude; clumsy

ANSWERS: 48. smashing, 49. deranged, 50. stodgy, 51. anthrax, 52. corruptible, 53. infect, 54. incubate, 55. inept

56. 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

57. The \_\_\_\_\_ scene in the horror movie gave her nightmares for weeks.

- adj.* gruesome, grisly; relating to death

58. The \_\_\_\_\_ of innocent civilians in the war zone was a tragic event.

- n.* the brutal and indiscriminate killing of a large number of people; a violent and bloody event that typically results in the death of many individuals

59. The mechanics \_\_\_\_\_ the trailer to the broken-down car.

- v.* to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle

60. The FBI worked tirelessly to gather enough evidence to \_\_\_\_\_ the corrupt politician.

- v.* to formally charge or accuse someone of a crime, based on the decision of a grand jury or other legal authority; to bring a legal case against someone, typically to prosecute and punish them

61. The virus had the potential to \_\_\_\_\_ entire populations if left unchecked.

- v.* to destroy completely; to cause something to cease to exist

62. He decided to \_\_\_\_\_ in the military after graduating from high school.

- v.* to sign up to serve in the military or a particular organization

63. Firstly, we will discuss the budget; \_\_\_\_\_ we will go over the schedule.

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

ANSWERS: 56. superpower, 57. macabre, 58. massacre, 59. hitched, 60. indict, 61. annihilate, 62. enlist, 63. secondly,

64. The disease can \_\_\_\_\_ both humans and animals.

*v.* to cause pain, suffering, or distress to someone or something

65. They fear a \_\_\_\_\_ of a new type of virus.

*n.* an outbreak of a disease that affects many people over a very wide area

ANSWERS: 64. afflict, 65. pandemic