# **Englist.me**

# Vocabulary Builder Reference from...

Joy Lin: If superpowers were real: Super speed | TED Talk

https://www.ted.com/talks/joy\_lin\_if\_superpowers\_were\_real\_super\_speed



# All Words

#### **IMPORTANT**

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# **Session 1: Word List**

## superhero

- a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
- (1) **superhero** movies, (2) **superhero** comics Superman is a classic **superhero** known for his superhuman strength and flying ability.

#### shuttle

 a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads

synonym: ferry, transport, convey

(1) space **shuttle**, (2) **shuttle** service

The **shuttle** bus will take you to the airport in 15 minutes.

# atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym: air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere** 

The spaceship began to burn up as it approached the Earth's **atmosphere**.

## element

n. a fundamental or essential part of something

*synonym*: component, feature, essence

(1) new design <b>elements</b> ,	(2) nonmetallic <b>elements</b>
Natural selection is an esse	ential <b>element</b> in Darwin's theory
of evolution.	

## 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.

## nitrogen

- a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
- heavy nitrogen, (2) nitrogen absorption
   Nitrogen gas is used to inflate car tires because it does not react with rubber.

#### countless

- adj. too numerous to be counted or very manysynonym: innumerable, myriad, numerous
- (1) **countless** hours, (2) answer **countless** questions There are **countless** methods for dealing with stress.

## particle

- n. a small piece of something; a word or piece of a term with grammatical function but little or no significance synonym: atom, grain, bit
- (1) charged **particle**, (2) **particle** energy
  We can calculate the position of the **particles** statistically.

## rub

v. to move one's hand or an object over the surface of something with pressure

synonym: scrub, massage, stroke

(1) **rub** shoulders, (2) **rub** a glass window
She **rubbed** the sore spot on her leg to ease the pain.

#### friction

 the force that opposes motion between two objects in contact, especially by producing heat and wear, and is proportional to the normal force between the objects synonym: rub, scrape, resistance

(1) friction force, (2) surface friction

The **friction** between the two countries was causing tension.

stick

to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

synonym: pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick** 

You **stick** a bill in the change machine, and the coins pop out.

withstand

- v. to resist the effect or impact of something synonym: endure, bear, resist
- (1) **withstand** pressure, (2) **withstand** temptation
  The new phone is waterproof and can **withstand** being dropped in water.

sand

n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

synonym: grit, dust, powder

(1) sand dunes, (2) sand castle

The **sand** on the beach was warm and golden.

dirt

 soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

synonym: filth, grime, muck

(1) dirt road, (2) dirt track

The garden was filled with **dirt** and needed to be tilled before planting.

## scrape

v. to draw something along a rough or hard surface, typically to remove dirt or other matter

synonym: scratch, graze, rub

(1) **scrape** meat off a bone, (2) **scrape** a hole in the ground He **scraped** the mud off his boots before entering the house.

## bumper

n. a device, typically made of rubber or metal, that projects from the front or rear of a vehicle and absorbs impact in the event of a collision; a metal bar on a vehicle used to push objects out of the way

synonym: buffer, guard, fender

(1) bumper crop, (2) bumper sale

The **bumper** of my car was dented in the accident.

## grill

 a device used for cooking food by direct exposure to heat, typically a metal rack set over a fire or gas flame, or a part of an oven; (verb) to cook something over or under a grill

synonym: barbecue, broiler, griddle

(1) gas grill, (2) grill a steak

The restaurant is famous for its **grill**, where they serve the best steaks.

## bug

 any tiny insect; a fault or defect in a computer program, system, or machine

*synonym*: insect, bacterium, microbe

(1) bug bites, (2) number of bug fixes

I found a stink **bug** crawling across the ceiling.

# exposed

adj. having no protection or shield from something, such as bad weather, attack, or criticism

synonym: endangered, revealed, disclosed

(1) exposed to radiation, (2) an exposed rock

Tech companies often employ **exposed** ducts and other materials in their office interiors.

#### mask

v. to conceal something; (noun) a covering that you wear over your face to hide it

synonym: disguise, camouflage, conceal

(1) mask body odor, (2) an oxygen mask

The politician tried to **mask** the corruption.

## destroy

 to ruin or damage severely or completely; to eradicate or eliminate completely

synonym: demolish, ruin, obliterate

(1) destroy the ecosystem, (2) destroyed evidence

The building was **destroyed** in the fire and had to be rebuilt.

#### 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 destinationsI am excited to reach my destination and explore the new city finally.

## 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.

react

v. to take action in response to something

synonym: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

# velocity

 the rate of change of an object's position with respect to time, often measured in meters per second (m/s)

synonym: speed, rapidity, swiftness

(1) initial velocity, (2) high velocity

The **velocity** of the car was too fast for the road conditions.

#### distance

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

synonym: space, gap, span

(1) driving distance, (2) social distance

The marathon runner covered a long **distance** in a short amount of time.

## indestructible

adj. impossible to destroy or damage beyond repairsynonym: unbreakable, sturdy, durable

(1) **indestructible** warrior, (2) **indestructible** object The vault was advertised as **indestructible** but was eventually broken into.

## essentially

adv. relating to the essential features or concepts of anything synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same **Essentially**, a society is an organism.

## missile

 a weapon, such as a rocket or guided projectile, that is self-propelled and directed by remote control or by an internal guidance mechanism

*synonym*: projectile, rocket, bomb

(1) **missile** defense, (2) cruise **missile** attack
The military launched a ballistic **missile** at the enemy's stronghold.

#### locate

v. to specify or determine the exact position of someone or something

synonym: discover, find, place

Iocate a missing pet, (2) Iocate a tumor
 The robot can accurately Iocate construction material.

#### obstacle

a thing that blocks one's way or prevents or hinders progress

*synonym*: hindrance, barrier, block

(1) an **obstacle** to progress, (2) **obstacle** avoidance The **obstacle** course was challenging but fun.

#### bullet

a metal projectile that is shot from a gun

synonym: projectile, slug, shot

(1) **bullet** wound, (2) **bullet** train

The stray **bullet** went through the window and hit the wall.

#### distress

a feeling of great worry, sadness, pain, or discomfort synonym: discomfort, despair, misery

(1) a signal of **distress**, (2) emotional **distress** She has been in great **distress** since she was heartbroken.

#### hero

a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities

synonym: champion, protagonist, savior

(1) local hero, (2) unsung hero

The soldier who sacrificed his life for his country is considered a national hero.

## swoop

to rapidly or forcefully descend upon something or someone from a great height or distance; to rush or pounce upon

synonym: dart, pounce

- (1) **swoop** down the water slide, (2) **swoop** up the escalator The eagle **swooped** down from the sky to catch its prey.
- to take hold of something or someone suddenly with a hand, especially in a violent way

synonym: clutch, snatch, grasp

(1) grab an audience, (2) grab an opportunity Shall we **grab** a bite to eat?

grab

#### romantic

adj. of or relating to love or a sexual relationship synonym: idealistic, unrealistic, amatory

(1) romantic movies, (2) romantic breakup

It was his first romantic love.

#### suffer

v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

synonym: endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades

The older man **suffers** from arthritis and finds it difficult to move around.

## damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym: harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

#### **Newtonian**

adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

*synonym*: classical, physics, mechanics

(1) **Newtonian** physics, (2) **Newtonian** mechanics

The motion of planets can be described using **Newtonian** mechanics.

#### inertia

 the quality or state of being inactive, sluggish, or slow to move or act

synonym: sluggishness, lethargy, idleness

inertia resistance, (2) Newton's law of inertia
 The object's inertia kept it moving in a straight line until acted

Page 8 / 39

upon by an outside force.

#### resistance

n. the act of defending oneself from an aggressor or refusing to accept something

synonym: opposition, antagonism, defiance

resistance movement, (2) resistance to insulin
 The bill to increase the consumption tax had passed despite

much resistance from the public.

#### acceleration

 a rate of increase in velocity; the rate of change of velocity with respect to time

synonym: speed up, quicken, hastening

(1) a unit of **acceleration**, (2) **acceleration** of an object The car's **acceleration** was impressive, going from 0 to 60 mph in just 5 seconds.

## accelerate

v. to make something faster or earlier; to cause to develop or progress more quickly

synonym: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car The government tried to **accelerate** the commercialization of this development.

brain

 the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage X-rays revealed a small tumor in his **brain**.

skull

 a bone framework that surrounds the brain and gives the head its shape

synonym: cranium, scalp, brain

(1) **skull** fracture, (2) have a thick **skull** 

Archaeologists found a Neanderthal **skull** at that historic site.

# suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

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

## Who answers **suddenly** knows little.

## mushy

adj. soft and pulpy in texture or consistency, often describing food; emotionally sentimental or overly romantic in a way that can be seen as insincere or sickly sweet

*synonym*: sappy, sentimental

(1) mushy romance, (2) mushy peas

The cake was **mushy** because I accidentally added too much milk to the batter.

## fragile

adj. delicate or easily broken or damaged synonym: delicate, brittle, breakable

(1) politically **fragile** nation, (2) **fragile** ecosystem

The vase was made of **fragile** ceramic and easily broke when it was dropped.

## handle

- v. to deal with a situation, problem, or strong emotion synonym: control, manage, deal with
- (1) **handle** a precious object, (2) **handled** the incident We all should learn how to **handle** stress.

#### movement

 a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

#### astronaut

*n.* a person trained by a space agency to travel outside the Earth's atmosphere

synonym: spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training
The shuttle **astronaut** trained for months before embarking on the space mission.

#### survive

- v. to live or exist despite a dangerous event or period synonym: endure, persist, stay
- (1) **survive** a blizzard, (2) **survive** a plane crash These birds can only **survive** in temperate climates.

## internal

*adj.* of or relating to the inside of something *synonym*: interior, inner, domestic

(1) **internal** organs, (2) the **internal** economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

#### slam

 to shut a door or window noisily; to strike something violently or noisily

synonym: bang, crash, shut

(1) **slam** the door, (2) **slam** the book against a wall She **slammed** the door shut, angry at the person on the other side.

brake

 a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels

synonym: damper, restraint, check

(1) apply the brake, (2) brake pedal

The results of that election put a **brake** on political reform.

#### mathematics

*n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

## maximum

adj. the largest or greatest amount or value attainable or attained

synonym: peak, top, highest

(1) maximum limit, (2) the maximum speed

The maximum temperature recorded this summer was

higher than average.

## instantly

adv. immediately

synonym: immediately, right away, directly

(1) instantly cope with, (2) be killed instantly

I remembered that person **instantly** and never forgot.

## apology

 an act of saying or writing that you are sorry for something that has been done wrong or that causes a trouble

synonym: regret, excuse, plea

(1) genuine **apology**, (2) accept his **apology**She wrote a letter of **apology** to the renter.

## compensation

- something especially money, given or received as payment or reparation for a service or loss or injury
- synonym: reparation, allowance, reward
- (1) unemployment **compensation**, (2) other forms of **compensation**

He claimed **compensation** for the injury.

jail

 a facility where criminals are kept to be punished for their crimes; a prison

synonym: prison, slammer, penitentiary

(1) county jail, (2) be in jail

The police escorted the prisoner to the jail.

# liability

- n. a legal or financial responsibility or obligationsynonym: debt, obligation, responsibility
- (1) **liability** insurance, (2) **liability** for military service The company is facing a potential **liability** of millions of dollars due to the lawsuit.

#### insure

- v. to provide coverage in the event of loss or damagesynonym: protect, guard, safeguard
- (1) **insure** my house against fire, (2) **insure** domestic

## tranquility

I will **insure** my car before I go on a road trip.

## patient

 a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

synonym: client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss. The doctor carefully examined the **patient's** medical history.

## policy

n. a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective

synonym: strategy, plan, guideline

(1) health policy, (2) foreign policy

The company's new **policy** on remote work has made it a more inclusive workplace.

# superpower

 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.

## physics

- n. the science of matter and energy and their interactions
- (1) nuclear physics, (2) laws of physicsHe studied the physics of radiation.

# shifting

adj. constantly changing or moving
synonym: unfirm, shifty, fluctuating

(1) **shifting** balance, (2) continuously **shifting** landscape Trends in the fashion industry are so **shifting** that it is challenging to keep up with them.

flee

 to leave by running away, especially out of fear or danger

synonym: exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad It is a basic instinct to **flee** from a dangerous situation.

strength

 the quality or state of being physically, or sometimes mentally, strong

synonym: resilience, power, muscles

(1) **strength** of the economy, (2) muscular **strength** Health and **strength** are, above all, gold.

immortality

- n. the state or quality of being able to live or last foreversynonym: endless life, timelessness, agelessness
- (1) the **immortality** of the soul, (2) achieve **immortality** Many people believe in the concept of **immortality** and an afterlife.

invisible

adj. impossible or nearly impossible to seesynonym: hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

# **Session 2: Spelling**

1. ex\_\_\_\_d to radiation

2. st\_\_\_\_th of the economy

3. Ne\_\_\_\_an mechanics

4. s m the door

5. mu y romance

6. foreign po\_\_\_y

7. f e abroad

8. in\_\_\_\_le stars

9. g b an audience

adj. having no protection or shield from something, such as bad weather, attack, or criticism

 the quality or state of being physically, or sometimes mentally, strong

adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

v. to shut a door or window noisily; to strike something violently or noisily

adj. soft and pulpy in texture or consistency, often describing food; emotionally sentimental or overly romantic in a way that can be seen as insincere or sickly sweet

n. a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective

v. to leave by running away, especially out of fear or danger

adj. impossible or nearly impossible to see

v. to take hold of something or someone suddenly with a hand, especially in a violent way

ANSWERS: 1. exposed, 2. strength, 3. Newtonian, 4. slam, 5. mushy, 6. policy, 7. flee, 8. invisible, 9. grab

10.	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
11.	social dice	n.	the amount of space between two points, measured in units such as miles meters, or kilometers; the extent, scope or range between two things, such as distance or emotional distance
12.	an oxygen mk	<i>v</i> .	to conceal something; (noun) a covering that you wear over your face to hide it
13.	politically fre nation	adj.	delicate or easily broken or damaged
14.	but wound	n.	a metal projectile that is shot from a gur
15.	muscular stth	n.	the quality or state of being physically, or sometimes mentally, strong
16.	unsung ho	n.	a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
17.	oble avoidance	n.	a thing that blocks one's way or prevents or hinders progress
18.	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
19.	lity for military service	n.	a legal or financial responsibility or obligation

ANSWERS: 10. oxygen, 11. distance, 12. mask, 13. fragile, 14. bullet, 15. strength, 16. hero, 17. obstacle, 18. oxygen, 19. liability

20. an ob le to progress a thing that blocks one's way or n. prevents or hinders progress a device used to slow or stop a moving 21. br e pedal n. vehicle, typically by applying pressure to the wheels to conceal something; (noun) a covering 22. m k body odor ν. that you wear over your face to hide it 23. acc\_\_\_\_te a chemical reaction to make something faster or earlier; to ν. cause to develop or progress more quickly 24. co\_\_\_\_ss hours adj. too numerous to be counted or very many the mass of air that surrounds the 25. a convivial atm re n. Earth; the pervading tone or mood of a place, situation, or creative work 26. answer co\_\_\_\_ss questions adj. too numerous to be counted or very many 27. st kakey in a lock to put something, usually a sharp ν. object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material 28. da\_\_\_e a relationship to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 20. obstacle, 21. brake, 22. mask, 23. accelerate, 24. countless, 25. atmosphere, 26. countless, 27. stick, 28. damage

29. wind temptation	v.	to resist the effect or impact of something
30. county jl	n.	a facility where criminals are kept to be punished for their crimes; a prison
31. a signal of diss	n.	a feeling of great worry, sadness, pain, or discomfort
32. fe their homes	v.	to leave by running away, especially out of fear or danger
33. wind pressure	v.	to resist the effect or impact of something
34. she service	n.	a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads
35. a good grounding in matcs	n.	the science dealing with the logic of quantities, shapes, spaces, and arrangement
36. nonmetallic elts	n.	a fundamental or essential part of something
37. dey the ecosystem	v.	to ruin or damage severely or completely; to eradicate or eliminate completely
38. pale energy	n.	a small piece of something; a word or piece of a term with grammatical function but little or no significance
39. bur crop	n.	a device, typically made of rubber or metal, that projects from the front or rear of a vehicle and absorbs impact in the event of a collision; a metal bar on a vehicle used to push objects out of the way

ANSWERS: 29. withstand, 30. jail, 31. distress, 32. flee, 33. withstand, 34. shuttle, 35. mathematics, 36. element, 37. destroy, 38. particle, 39. bumper

40.	matcs competition	n.	the science dealing with the logic of quantities, shapes, spaces, and arrangement
41.	dae assessment	ν.	to harm or cause injury to something of someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
42.	romantic desons	n.	the place to which someone or something is going or being sent; the ultimate purpose or goal of a journey o action
43.	an exd rock	adj.	having no protection or shield from something, such as bad weather, attack, or criticism
44.	indble object	adj.	impossible to destroy or damage beyond repair
45.	heavy nien	n.	a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
46.	new design elts	n.	a fundamental or essential part of something
47.	sur a setback	<i>v</i> .	to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
48.	swp up the escalator	v.	to rapidly or forcefully descend upon something or someone from a great height or distance; to rush or pounce upon

ANSWERS: 40. mathematics, 41. damage, 42. destination, 43. exposed, 44. indestructible, 45. nitrogen, 46. element, 47. suffer, 48. swoop

49.	indble warrior	adj.	impossible to destroy or damage beyond repair
50.	haed the incident	<i>v</i> .	to deal with a situation, problem, or strong emotion
51.	accion of an object	n.	a rate of increase in velocity; the rate of change of velocity with respect to time
52.	inal organs	adj.	of or relating to the inside of something
53.	essly correct	adv.	relating to the essential features or concepts of anything
54.	appely same	adv.	close to a specific number or time but not exactly that number or time
55.	a circular mont	n.	a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
56.	accte the car	<i>v</i> .	to make something faster or earlier; to cause to develop or progress more quickly
57.	number of b_g fixes	<i>n</i> .	any tiny insect; a fault or defect in a computer program, system, or machine
58.	become essly same	adv.	relating to the essential features or concepts of anything
59.	sce a hole in the ground	<i>v</i> .	to draw something along a rough or hard surface, typically to remove dirt or other matter
60.	the inal economy	adj.	of or relating to the inside of something
61.	hae a precious object	<i>v</i> .	to deal with a situation, problem, or strong emotion

ANSWERS: 49. indestructible, 50. handle, 51. acceleration, 52. internal, 53. essentially, 54. approximately, 55. movement, 56. accelerate, 57. bug, 58. essentially, 59. scrape, 60. internal, 61. handle

62.	be killed inly	adv.	immediately
63.	cruise mie attack	n.	a weapon, such as a rocket or guided projectile, that is self-propelled and directed by remote control or by an internal guidance mechanism
64.	sce meat off a bone	ν.	to draw something along a rough or hard surface, typically to remove dirt or other matter
65.	ina resistance	n.	the quality or state of being inactive, sluggish, or slow to move or act
66.	the mam speed	adj.	the largest or greatest amount or value attainable or attained
67.	emotional diss	n.	a feeling of great worry, sadness, pain, or discomfort
68.	Newton's law of ina	n.	the quality or state of being inactive, sluggish, or slow to move or act
69.	super 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
70.	basic br_n function	n.	the organ inside the head that is responsible for one's movement, thought, memory, and feeling
71.	initial vety	n.	the rate of change of an object's position with respect to time, often measured in meters per second (m/s)
72.	grl a steak	n.	a device used for cooking food by direct exposure to heat, typically a metal rack set over a fire or gas flame, or a part of an oven; (verb) to cook something over or under a grill

ANSWERS: 62. instantly, 63. missile, 64. scrape, 65. inertia, 66. maximum, 67. distress, 68. inertia, 69. superpower, 70. brain, 71. velocity, 72. grill

73.	other forms of comion	n.	something especially money, given or received as payment or reparation for a service or loss or injury
74.	shng balance	adj.	constantly changing or moving
75.	a unit of accion	n.	a rate of increase in velocity; the rate of change of velocity with respect to time
76.	g_b an opportunity	ν.	to take hold of something or someone suddenly with a hand, especially in a violent way
77.	super 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
78.	sur bad grades	v.	to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
79.	local ho	n.	a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
80.	roic breakup	adj.	of or relating to love or a sexual relationship
81.	achieve immty	n.	the state or quality of being able to live or last forever
82.	Nean physics	adj.	relating to Sir Isaac Newton or his laws of motion and universal gravitation

ANSWERS: 73. compensation, 74. shifting, 75. acceleration, 76. grab, 77. superpower, 78. suffer, 79. hero, 80. romantic, 81. immortality, 82. Newtonian

83.	an inle asset	adj.	impossible or nearly impossible to see
84.	continuously shng landscape	adj.	constantly changing or moving
85.	mont of troops	n.	a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
86.	swp down the water slide	<i>v</i> .	to rapidly or forcefully descend upon something or someone from a great height or distance; to rush or pounce upon
87.	r_b shoulders	<i>v</i> .	to move one's hand or an object over the surface of something with pressure
88.	die suly	adv.	quickly and unexpectedly
89.	pat in the hospital	n.	a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
90.	surface fron	n.	the force that opposes motion between two objects in contact, especially by producing heat and wear, and is proportional to the normal force between the objects
91.	muy peas	adj.	soft and pulpy in texture or consistency often describing food; emotionally sentimental or overly romantic in a way that can be seen as insincere or sickly sweet

ANSWERS: 83. invisible, 84. shifting, 85. movement, 86. swoop, 87. rub, 88. suddenly, 89. patient, 90. friction, 91. mushy

92. apply the I	ore	n.	a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
93. health po_	У	n.	a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
94. deye	d evidence	ν.	to ruin or damage severely or completely; to eradicate or eliminate completely
95. mam	limit	adj.	the largest or greatest amount or value attainable or attained
96. fre e	cosystem	adj.	delicate or easily broken or damaged
97. sue a	a plane crash	v.	to live or exist despite a dangerous event or period
98. carbon dic	oxide in the atmre	n.	the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
99. sur	o movies	n.	a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
100. pat	with weight loss	n.	a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
ANSWERS: 9	2. brake, 93. policy 94 dest	rov :	95. maximum. 96. fragile. 97. survive.

ANSWERS: 92. brake, 93. policy, 94. destroy, 95. maximum, 96. fragile, 97. survive, 98. atmosphere, 99. superhero, 100. patient

101. suly attacked by an enemy	adv.	quickly and unexpectedly
102. dt track	n.	soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
103. ine my house against fire	ν.	to provide coverage in the event of loss or damage
104. nien absorption	n.	a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
105. asut in training	n.	a person trained by a space agency to travel outside the Earth's atmosphere
106. asut mission	n.	a person trained by a space agency to travel outside the Earth's atmosphere
107. ine domestic tranquility	v.	to provide coverage in the event of loss or damage
108. skl fracture	n.	a bone framework that surrounds the brain and gives the head its shape
109. sm the book against a wall	v.	to shut a door or window noisily; to strike something violently or noisily
110. laws of phs	n.	the science of matter and energy and their interactions
111. charged pale	n.	a small piece of something; a word or piece of a term with grammatical function but little or no significance
112. inly cope with	adv.	immediately

ANSWERS: 101. suddenly, 102. dirt, 103. insure, 104. nitrogen, 105. astronaut, 106. astronaut, 107. insure, 108. skull, 109. slam, 110. physics, 111. particle, 112. instantly

113. r_b a glass window	ν.	to move one's hand or an object over the surface of something with pressure
114. space she	n.	a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads
115. travel deson	n.	the place to which someone or something is going or being sent; the ultimate purpose or goal of a journey or action
116. genuine apy	n.	an act of saying or writing that you are sorry for something that has been done wrong or that causes a trouble
117. sd dunes	n.	finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
118. bur sale	n.	a device, typically made of rubber or metal, that projects from the front or rear of a vehicle and absorbs impact in the event of a collision; a metal bar on a vehicle used to push objects out of the way
119. resce movement	n.	the act of defending oneself from an aggressor or refusing to accept something
120. loe a missing pet	v.	to specify or determine the exact position of someone or something
ANSWERS: 113. rub, 114. shuttle, 115	5. destina	ation, 116. apology, 117. sand, 118.

ANSWERS: 113. rub, 114. shuttle, 115. destination, 116. apology, 117. sand, 118 bumper, 119. resistance, 120. locate

121. nuclear phs	n.	the science of matter and energy and their interactions
122. sd castle	n.	finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
123. roic movies	adj.	of or relating to love or a sexual relationship
124. b_g bites	n.	any tiny insect; a fault or defect in a computer program, system, or machine
125. ret against his way of thinking	<i>v</i> .	to take action in response to something
126. accept his apy	n.	an act of saying or writing that you are sorry for something that has been done wrong or that causes a trouble
127. sue a blizzard	<i>v</i> .	to live or exist despite a dangerous event or period
128. dt road	n.	soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
129. appely 3 feet long	adv.	close to a specific number or time but not exactly that number or time
130. permanent brn damage	n.	the organ inside the head that is responsible for one's movement, thought, memory, and feeling
131. the immty of the soul	n.	the state or quality of being able to live or last forever

ANSWERS: 121. physics, 122. sand, 123. romantic, 124. bug, 125. react, 126. apology, 127. survive, 128. dirt, 129. approximately, 130. brain, 131. immortality

132. gas grl	n.	a device used for cooking food by direct exposure to heat, typically a metal rack set over a fire or gas flame, or a part of an oven; (verb) to cook something over or under a grill
133. resce to insulin	n.	the act of defending oneself from an aggressor or refusing to accept something
134. fire stk	ν.	to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
135. suro comics	n.	a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
136. ret at a high temperature	<i>v</i> .	to take action in response to something
137. unemployment comion	n.	something especially money, given or received as payment or reparation for a service or loss or injury
138. lity insurance	n.	a legal or financial responsibility or obligation
139. high vety	n.	the rate of change of an object's position with respect to time, often measured in meters per second (m/s)
140. driving dice	n.	the amount of space between two points, measured in units such as miles meters, or kilometers; the extent, scope or range between two things, such as distance or emotional distance

ANSWERS: 132. grill, 133. resistance, 134. stick, 135. superhero, 136. react, 137. compensation, 138. liability, 139. velocity, 140. distance

- 141. be in j\_\_l
- 142. lo\_\_\_e a tumor
- 143. fr\_\_\_on force
- 144. bu\_\_\_t train
- 145. have a thick sk I
- 146. mi\_\_\_e defense

- a facility where criminals are kept to be punished for their crimes; a prison
- v. to specify or determine the exact position of someone or something
- n. the force that opposes motion between two objects in contact, especially by producing heat and wear, and is proportional to the normal force between the objects
- *n.* a metal projectile that is shot from a gun
- a bone framework that surrounds the brain and gives the head its shape
- a weapon, such as a rocket or guided projectile, that is self-propelled and directed by remote control or by an internal guidance mechanism

ANSWERS: 141. jail, 142. locate, 143. friction, 144. bullet, 145. skull, 146. missile

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

1.	The vase was made of ceramic and easily broke when it was dropped.
adj	i. delicate or easily broken or damaged
2.	Many people believe in the concept of and an afterlife.
n.	the state or quality of being able to live or last forever
3.	gas is used to inflate car tires because it does not react with rubber.
n.	a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
4.	The soldier who sacrificed his life for his country is considered a national
n.	a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
5.	This trail takes 2.5 hours.
ad	v. close to a specific number or time but not exactly that number or time
6.	X-rays revealed a small tumor in his
n.	the organ inside the head that is responsible for one's movement, thought, memory, and feeling
7.	The stray went through the window and hit the wall.
n.	a metal projectile that is shot from a gun
8.	During the surgery, the doctor had to be extremely cautious not to a blood vessel.
v.	to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

Page 30 / 39

ANSWERS: 1. fragile, 2. immortality, 3. Nitrogen, 4. hero, 5. approximately, 6. brain,

	ocab-Builder Ref from "Joy Lin: If superpowers were real: Super speed   TED Talk" (73 words)
7. bullet,	8. damage

You \_\_\_\_\_ a bill in the change machine, and the coins pop out. 9. to put something, usually a sharp object, into something; to restrict yourself to ν. doing or using one certain thing and not change; (noun) a thin piece of wood or other material 10. The vault was advertised as \_\_\_\_\_\_ but was eventually broken into. adj. impossible to destroy or damage beyond repair 11. The garden was filled with \_\_\_\_ and needed to be tilled before planting. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock 12. The building was \_\_\_\_\_ in the fire and had to be rebuilt. to ruin or damage severely or completely; to eradicate or eliminate completely 13. I found a stink \_\_\_\_ crawling across the ceiling. any tiny insect; a fault or defect in a computer program, system, or machine n. 14. The eagle \_\_\_\_\_ down from the sky to catch its prey. to rapidly or forcefully descend upon something or someone from a great height or distance; to rush or pounce upon 15. The military launched a ballistic \_\_\_\_\_ at the enemy's stronghold. a weapon, such as a rocket or guided projectile, that is self-propelled and directed by remote control or by an internal guidance mechanism 16. The company is facing a potential \_\_\_\_\_ of millions of dollars due to the lawsuit. a legal or financial responsibility or obligation n. ANSWERS: 9. stick, 10. indestructible, 11. dirt, 12. destroyed, 13. bug, 14. swooped,

15. missile, 16. liability

17.	The object's kept it moving in a straight line until acted upon by an outside force.
n.	the quality or state of being inactive, sluggish, or slow to move or act
18.	The older man from arthritis and finds it difficult to move around.
v.	to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
19.	Trends in the fashion industry are so that it is challenging to keep up with them.
adj	constantly changing or moving
20.	The between the two countries was causing tension.
n.	the force that opposes motion between two objects in contact, especially by producing heat and wear, and is proportional to the normal force between the objects
21.	There are methods for dealing with stress.
adj	too numerous to be counted or very many
22.	Tech companies often employ ducts and other materials in their office interiors.
adj	having no protection or shield from something, such as bad weather, attack, o criticism
23.	He claimed for the injury.
n.	something especially money, given or received as payment or reparation for a service or loss or injury
24.	The motion of planets can be described using mechanics.
adj	relating to Sir Isaac Newton or his laws of motion and universal gravitation
	SWERS: 17. inertia, 18. suffers, 19. shifting, 20. friction, 21. countless, 22. bosed, 23. compensation, 24. Newtonian

25.	He the mud off his boots before entering the house.
v.	to draw something along a rough or hard surface, typically to remove dirt or other matter
26	Natural coloation is an acceptial in Danvin's theory of evalution
<b>2</b> 0.	Natural selection is an essential in Darwin's theory of evolution.
n.	a fundamental or essential part of something
27.	We all should learn how to stress.
v.	to deal with a situation, problem, or strong emotion
28.	The restaurant is famous for its where they serve the best steaks.
n.	a device used for cooking food by direct exposure to heat, typically a metal rack set over a fire or gas flame, or a part of an oven; (verb) to cook something over or under a grill
29.	She wrote a letter of to the renter.
n.	an act of saying or writing that you are sorry for something that has been done wrong or that causes a trouble
30.	The spaceship began to burn up as it approached the Earth's
n.	the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
31.	Superman is a classic known for his superhuman strength and flying ability.
n.	a fictional hero who possesses extraordinary powers and abilities and is dedicated to protecting the public
32.	The results of that election put a on political reform.
n.	a device used to slow or stop a moving vehicle, typically by applying pressure to the wheels
	SWERS: 25. scraped, 26. element, 27. handle, 28. grill, 29. apology, 30. nosphere, 31. superhero, 32. brake

ANSWERS: 33. mushy, 34. romantic, 35. distance, 36. locate, 37. distress, 38. resistance, 39. movement, 40. superpower

extraordinary feats or feats beyond normal human capabilities

41.	The course was challenging but fun.
n.	a thing that blocks one's way or prevents or hinders progress
42.	The police escorted the prisoner to the
n.	a facility where criminals are kept to be punished for their crimes; a prison
43.	It is a basic instinct to from a dangerous situation.
ν.	to leave by running away, especially out of fear or danger
44.	The prime minister canceled visits to other countries to resolve disputes.
adj	of or relating to the inside of something
45.	How did he to your idea?
<i>v</i> .	to take action in response to something
46.	The car's was impressive, going from 0 to 60 mph in just 5 seconds.
n.	a rate of increase in velocity; the rate of change of velocity with respect to time
	I remembered that person and never forgot.  immediately
48.	She the door shut, angry at the person on the other side.
ν.	to shut a door or window noisily; to strike something violently or noisily
49.	I am excited to reach my and explore the new city finally.
n.	the place to which someone or something is going or being sent; the ultimate purpose or goal of a journey or action
	SWERS: 41. obstacle, 42. jail, 43. flee, 44. internal, 45. react, 46. acceleration, 47 tantly, 48. slammed, 49. destination

50.	The doctor carefully examined the medical history.
n.	a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
51.	The on the beach was warm and golden.
n.	finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
52.	She the sore spot on her leg to ease the pain.
<i>v</i> .	to move one's hand or an object over the surface of something with pressure
53.	He has a flair for
n.	the science dealing with the logic of quantities, shapes, spaces, and arrangement
	The phenomenon is at optical wavelengths. impossible or nearly impossible to see
55.	The of my car was dented in the accident.
n.	a device, typically made of rubber or metal, that projects from the front or rear of a vehicle and absorbs impact in the event of a collision; a metal bar on a vehicle used to push objects out of the way
56.	The passenger grabbed for the mask.
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
57.	I will my car before I go on a road trip.
v.	to provide coverage in the event of loss or damage
	SWERS: 50. patient's, 51. sand, 52. rubbed, 53. mathematics, 54. invisible, 55. nper, 56. oxygen, 57. insure

58.	He studied the of radiation.
n.	the science of matter and energy and their interactions
59.	The of the car was too fast for the road conditions.
n.	the rate of change of an object's position with respect to time, often measured in meters per second (m/s)
60.	We can calculate the position of the statistically.
n.	a small piece of something; a word or piece of a term with grammatical function but little or no significance
61.	These birds can only in temperate climates.
<i>v</i> .	to live or exist despite a dangerous event or period
62.	The company's new on remote work has made it a more inclusive workplace.
n.	a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
63.	The new phone is waterproof and can being dropped in water.
v.	to resist the effect or impact of something
64.	Who answers knows little.
adv	quickly and unexpectedly
65.	a society is an organism.
	relating to the essential features or concepts of anything
	SWERS: 58. physics, 59. velocity, 60. particles, 61. survive, 62. policy, 63. nstand, 64. suddenly, 65. Essentially,

66. The	_ temperature recorded this summer was higher than average.
adj. the larges	t or greatest amount or value attainable or attained
67. The politicia	in tried to the corruption.
v. to concea	something; (noun) a covering that you wear over your face to hide it
68. The shuttle mission.	trained for months before embarking on the space
n. a person t	rained by a space agency to travel outside the Earth's atmosphere
69. Health and	are, above all, gold.
n. the quality	or state of being physically, or sometimes mentally, strong
70. Shall we	a bite to eat?
v. to take ho violent wa	ld of something or someone suddenly with a hand, especially in a y
71. The govern	ment tried to the commercialization of this development.
v. to make so quickly	omething faster or earlier; to cause to develop or progress more
72. The	_ bus will take you to the airport in 15 minutes.
	or boat that regularly moves between two places; bobbin that passes aread between the warp threads
73. Archaeolog	sts found a Neanderthal at that historic site.
n. a bone fra	mework that surrounds the brain and gives the head its shape
	maximum, 67. mask, 68. astronaut, 69. strength, 70. grab, 71. shuttle, 73. skull