Englist.me

Vocabulary Builder Reference from...

Kristiina J. Hurme and Alejandro Rico-Guevara: The surprising secrets of hummingbird flight | TED Talk https://www.ted.com/talks/kristiina_j_hurme_and_alej andro_rico_guevara_the_surprising_secrets_of_hum mingbird_flight



All Words

IMPORTANT

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Session 1: Word List

м	•

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.

buzz

v. to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere

synonym: hum, murmur, whisper

(1) the **buzz** of a cicada, (2) **buzz** marketing

I heard the **buzz** of conversation from the next room.

weird

adj. extraordinary, unexpected, or difficult to explain *synonym*: bizarre, creepy, peculiar

a weird dress, (2) the state of being weird
 My computer has been acting weird recently.

hummingbird

- a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
- hummingbird feeder, (2) hummingbird nest
 Watching a hummingbird at a flower is like observing a

miniature ballet of nature.

astonishing

adj. surprising or shocking; difficult to believesynonym: surprising, shocking, astounding

(1) **astonishing** achievement, (2) make **astonishing** gains The news of her sudden death was **astonishing** to everyone who knew her.

aerial

 a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air

synonym: antenna, skywire, transmitter

(1) **aerial** antenna, (2) **aerial** photography

The **aerial** view from the airplane showed the beautiful landscape below.

acrobatic

 adj. relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile, flexible, and graceful

synonym: nimble, agile, flexible

(1) acrobatic leaps, (2) acrobatic skills

The **acrobatic** performance was breathtaking and left the audience in awe.

midair

- n. some point in the air; above ground level
- (1) a **midair** collision, (2) thrown out into **midair** She flawlessly performed a **midair** somersault.

pollinate

v. to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others

synonym: fertilize, propagate

(1) **pollinate** plants, (2) **pollinate** fruit trees

Without bees to **pollinate** the flowers, many crops would not exist.

threat

 a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation

synonym: menace, danger, hazard

(1) economic threat, (2) environmental threat

The **threat** of severe weather prompted the city to issue an evacuation warning.

upside

 the positive aspect or potential of something; the upper side of something

synonym: advantage, benefit, top

(1) have no **upside**, (2) market **upside**

Many people see the **upside** of traveling as an opportunity to experience new cultures and broaden their horizons.

unpack

 to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better

synonym: dissect, unwrap, unbox

(1) unpack a crate, (2) unpack a concept

I need to **unpack** my suitcase and put my clothes away.

blazing

adj. burning and emitting intense heat and light; powerful and impressive

synonym: burning, fiery, scorching

(1) blazing fury, (2) blazing fire

The **blazing** sun beat down on the desert.

feast

- n. a large meal, typically one served on a special occasionsynonym: banquet, celebration, dinner
- (1) a **feast** for the eyes, (2) a nightly **feast**

The royal **feast** celebrated the harvest, and the community enjoyed it.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

flee

v. 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.

typical

adj. having the usual characteristics or traits of a specific group of things

synonym: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

frequency

 an ordered array of colors into which a light beam can be split

synonym: recurrence, repetition, regularity

(1) frequency band, (2) high frequency

The oscillator hunts for the correct frequency.

humming

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

synonym: buzzing, droning, vibrating

(1) humming sound, (2) humming bird

The **humming** of the bees filled the air as she walked through the garden.

flap

 a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion

synonym: winged object, cover, (verb) flutter

(1) the **flap** of wings, (2) **flap** out a candle

The **flap** of the tent was open, letting in the fresh air.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym: develop, mature, grow

(1) evolve, (2) evolve over the past decade

Eyeless fish **evolved** in dark caves.

giant

adj. enormous; much bigger or more important than similar items usually are

synonym: big, gigantic, huge

(1) giant trees, (2) giant tech company

The **giant** jets gradually dominate the world's airlines.

pectoral

adj. relating to or located in the chest area, particularly the muscles or organs of the chest; relating to the breast or chest

synonym: chest, breastplate

(1) pectoral cross, (2) pectoral fins

The athlete wore a **pectoral** muscle brace to protect his injured chest muscle.

comprise

v. to include or consist of something; the act of making up or forming something

synonym: consist of, include, be composed of

(1) **comprise** a large percentage, (2) **comprise** the recent past

The team **comprises** players from different countries.

fine-tune

v. to make tiny changes or improvements to make it work as well as possible

synonym: adjust, calibrate, refine

(1) **fine-tune** financial systems, (2) **fine-tune** the engine The government should not try to **fine-tune** the economy excessively based on a short-term prediction.

wrist

n. the joint between the hand and the forearm; the narrow part of the hand near this joint

synonym: carpus

(1) wrist bones, (2) glance at my wrist watch

He sprained his **wrist** while playing basketball.

lift

v. to raise something to a higher position or level; to pick up something or somebody and move them to a different position

synonym: raise, elevate, move up

(1) **lift** sagging skin, (2) **lift** a ban on alcohol

The drought lifted the prices of grain globally.

stroke

 a medical condition in which poor blood flow to the brain causes cell death; the act of swinging or striking at a ball with a club, racket, etc.

synonym: blow

(1) suffer **stroke**, (2) a **stroke** of the putter

This year's extreme heat has resulted in many heat **stroke** cases.

upward

 adv. toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place

synonym: skyward, uphill

(1) look **upward**, (2) demonstrate an **upward** trend The company adjusted the revenue **upward**.

recover

- v. to return to a former condition, health, mind, or strength synonym: come back, convalesce, heal
- (1) **recover** a loss, (2) **recover** approval ratings She is still **recovering** from a shot to her shoulder.

continually

adv. in a way that happens without interruption or repeatedly *synonym*: repeatedly, frequently, constantly

(1) **continually** access information, (2) **continually** changing world

Her tongue runs on continually.

wingbeat

 the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps

synonym: flap, flutter, oscillation

(1) bird wingbeat, (2) wingbeat frequency

The hummingbird's rapid **wingbeat** allows it to hover in place while collecting nectar from flowers.

massive

adj. enormous amount; very heavy and solid synonym: enormous, giant, immense

(1) massive amounts, (2) massive stars

The recent economic downturn has resulted in **massive** layoffs.

technique

a particular way or art of doing something that needs skill

synonym: approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior technique brought him victory.

achieve

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

synonym: accomplish, attain, reach

(1) achieve success, (2) achieve milestones

I will work hard to **achieve** my goals and realize my dreams.

sustained

adj. lasting for a long time or continuing for a long time without becoming weaker or less intense

synonym: prolonged, extended, continual

(1) **sustained** economic growth, (2) **sustained** release medication

The company experienced sustained growth over the past

decade.

hover

- to stay in one place in the air synonym: hang, float over, drift
- (1) **hover** between life and death, (2) **hover** around the table

Two birds were **hovering** overhead.

feat

- a notable or impressive achievement, especially one that requires great skill or bravery
- synonym: achievement, accomplishment, exploit
- (1) intellectual **feat**, (2) **feat** accomplishment It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

instantly

adv. immediately

synonym: immediately, right away, directly

- (1) instantly cope with, (2) be killed instantly
- I remembered that person **instantly** and never forgot.

scenario

a description of possible actions or events in the future; n. a written outline of a play, film, or literary work

synonym: plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different scenarios

The president prepared several possible **scenarios** for an enemy attack.

iet

a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

synonym: plane, aircraft, flier

(1) private **jet**, (2) commercial **jet**

The **jet** flew over the ocean at high speed, reaching its destination in hours.

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

(1) a remote relative, (2) relative factors

Most countries prohibit sexual activity between certain close relatives.

incredible

adj. unbelievable; enormous

synonym: unbelievable, fantastical, inconceivable

(1) incredible amount, (2) at incredible speed

Her response revealed **incredible** idiocy.

spin

v. to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented

synonym: rotate, twirl, swirl

(1) **spin** a top, (2) **spin** thread out of cotton

The tornado is **spinning** across the countryside, destroying everything in its path.

backward

adv. at, to, or toward the direction or place that is behind or rear

synonym: back, rearward, in reverse

(1) walk backward, (2) backward angle

She falls over **backward** when she sees her mother-in-law.

exhaust

n. the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired

synonym: emission, fumes, (verb) deplete

(1) exhaust pipe, (2) exhaust a topic

The factory's **exhaust** fumes polluted the air and affected the health of the nearby residents.

intensive

adj. involving a lot of work or activity in a short timesynonym: thorough, comprehensive, in-depth

(1) **intensive** agriculture, (2) **intensive** care

The construction industry is labor intensive, although it has

been somewhat automated by introducing large machinery.

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

a circular movement, (2) movement of troops
 movement of the dancers on stage was graceful and elegant.

kingdom

the country ruled by a king or queen

synonym: empire, realm, land

(1) establish his **kingdom**, (2) a subordinate **kingdom**By remaining neutral, this **kingdom** continued to exist.

metabolism

- *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
- (1) **metabolism** enzyme, (2) hemoglobin **metabolism** Better sleep leads to increased **metabolism**.

vertebrate

adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

synonym: animal, chordate, backboned

(1) the muscle tissue of a **vertebrate**, (2) **vertebrate** biology The presence of a backbone is a defining characteristic of **vertebrate** animals.

frequent

adj. happening constantly

synonym: periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use His heartaches are less **frequent** now.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity A smaller car will **consume** less fuel.

fortunate

adj. having good luck or lucky synonym: fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person He was pretty **fortunate** to pass the exam.

remarkable

adj. worthy of attention because unusual or specialsynonym: outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

perch

v. to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost

synonym: sit, roost, squat

perch on a ledge, (2) perch of a bird of prey
 The bird perched on the branch, watching the world below.

slender

adj. thin and delicate, often in an attractive way synonym: lanky, skinny, slim

(1) **slender** body, (2) a long **slender** leaf He has a **slender** income.

pump

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

synonym: drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out

of him.

nectar

 a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring

synonym: honey, ambrosia, syrup

(1) **nectar** of the gods, (2) fruit **nectar**

The **nectar** of the flowers attracted many bees to the garden.

groove

 a long, narrow cut or depression in a hard material or surface; a particular style of popular music characterized by a strong and repetitive rhythm

synonym: rut, channel, furrow

(1) **groove** on the dance floor, (2) get into the **groove** The band played a smooth **groove** that got everyone dancing.

tongue

 a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language

synonym: lingo, language, vocabulary

(1) native tongue, (2) tongue cancer

The **tongue** is boneless, but it is as strong as bones.

sugary

adj. having the taste, texture, or appearance of sugar; excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere

synonym: sweet, syrupy, saccharine

(1) sugary treat, (2) excessively sugary

I avoid eating sugary foods to maintain a healthy diet.

liquid

 a substance, such as water or oil that flows freely and is neither a solid nor a gas

synonym: fluid

(1) colorless liquid, (2) hazardous liquid

The sponge takes up the **liquid** well.

pollen

 a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination

synonym: dust, spores, allergen

(1) **pollen** allergy symptoms, (2) high **pollen** count My allergies flare up during **pollen** season, making it difficult to breathe.

rough

adj. not quite exact or correct; having or caused by an irregular surface

synonym: inelegant, coarse, barbarian

(1) **rough** and tough, (2) **rough** estimation

The vehicle bounced along the **rough** mountain road.

drain

- v. to empty or dry something by removing the liquid from it synonym: draw off, bleed
- (1) **drain** water from the swamp, (2) **drain** excess liquid Push the button and let the water **drain** away.

ruthlessly

adv. without compassion or pity; mercilessly

synonym: mercilessly, brutally, cruelly

(1) ruthlessly efficient, (2) judge ruthlesslyHe ruthlessly cut ties with anyone who crossed him.

defend

v. to protect someone or something from attack, criticism, danger, etc.

synonym: protect, guard, support

(1) **defend** my country, (2) **defend** against a threat International law allows each nation to **defend** itself when its rights and interests are illegally violated.

floral

adj. relating to or resembling flowers

synonym: flowery, blooming

(1) floral kingdom, (2) floral design

The **floral** arrangements at the wedding were breathtakingly beautiful.

territory

- n. an area under the control of a ruler or state
- synonym: domain, region, realm
- (1) acquire **territory**, (2) **territory** in charge

They incorporated the conquered **territory** into their nation.

competition

 a situation in which someone is attempting to beat or outperform another

synonym: contest, match, fight

(1) the first round of the **competition**, (2) intraspecific **competition**

Global **competition** is rising in virtually every industry.

spear

- a weapon with a long shaft and a sharp metal point used for battle, hunting, and fishing in the past
- synonym: javelin, pike, lance
- (1) hunting **spear**, (2) sharp-pointed **spear**

Ancient people made spears with wood entirely.

blind

- adj. unable to see; unable or unwilling to perceive or understand the true nature of something
- synonym: sightless, unseeing, random
- (1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

duel

- formal, one-on-one combat between two people,
 typically with deadly weapons, often as a means of settling a dispute or seeking revenge
- *synonym*: contest, fight, competition
- (1) sword **duel**, (2) **duel** for honor

The **duel** between the two rival knights was a spectacle to see.

chase

v. to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes

synonym: pursue, hunt, track

(1) chase a dream, (2) wild goose chase

The police officer **chased** the suspect through the crowded streets until they finally caught him.

aggressive

 adj. behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly

synonym: assertive, combative, threatening

(1) an **aggressive** war, (2) an **aggressive** tumor

An **aggressive** tide wrecked the ship.

stab

 to cause harm with a sharp, pointed object, such as a knife

synonym: poke, thrust, jab

(1) **stab** at the enemy with a knife, (2) **stab** in the chest He was **stabbed** many times with scissors.

pluck

v. to pull or draw something, especially with sudden force or effort; to strip of feathers

synonym: grab, pull out, pick

(1) pluck a gray hair, (2) pluck out weeds

She **plucked** the flowers off the bush.

spiny

adj. covered with spines, thorns, or prickly projections;
 having an abrasive or irritating manner or causing discomfort or annoyance

synonym: thorny, prickly, bristly

(1) **spiny** shrub, (2) **spiny** lobster

The **spiny** cactus plant was difficult to handle without getting pricked.

tip

n. the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services

synonym: edge, advice, gratuity

(1) the **tip** of a paintbrush, (2) give the waiter a **tip**.

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I will introduce some tips on learning English in this class.

hook

 a curved device used for suspending, holding, or pulling something, especially one attached to a surface for hanging things on; a sharp curve or crook

synonym: buckle, pin, curve

(1) a hat **hook**, (2) the curved shape of a **hook** Please hang your towel on a **hook**.

serrated

adj. having a saw-toothed or notched edge; of or relating to leaves, knives, or other objects with jagged edges

synonym: jagged, toothed, notched

(1) serrated leaves, (2) serrated knife

The saw had a **serrated** edge that allowed it to cut through the thick branches with ease.

employ

v. to give somebody a job and pay them for it; to make use of

synonym: hire, engage, use

(1) **employ** job seekers, (2) **employ** a new method When making arrests, police officers frequently **employ** excessive force.

fencing

 the art or practice of fighting with swords, especially with foils, épées, or sabers, according to certain rules

synonym: swordplay, duelling, sabreplay

(1) fencing equipment, (2) fencing club

He practiced his **fencing** techniques with a partner.

hawk

 a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations

synonym: militarist, jingo, aggressor

(1) cast off a hawk, (2) congressional hawk

That team signed a center forward who was a ball- hawk.

owl

 a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call

synonym: raptor, bird of prey, nocturnal bird

(1) a night owl, (2) an owl hooted

The snowy **owl** is a large, white bird often seen in the Arctic.

extreme

adj. very great in amount or degree

synonym: farthermost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

compete

v. to strive to achieve more success than someone or something

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely You must **compete** with others to obtain this position.

surrender

v. to cease resistance to an enemy or opponent and submit to their authority

synonym: yield, submit, relinquish

(1) **surrender** at discretion, (2) **surrender** an insurance policy

The enemy was forced to **surrender** after a long battle.

hibernation

 a state of inactivity and metabolic depression in animals during the winter

synonym: dormancy, torpor, sleep

(1) **hibernation** period, (2) artificial **hibernation**Many animals go into **hibernation** during the winter to conserve energy and survive the harsh conditions.

torpor

 a state of reduced activity or a slowed metabolism, often occurring in hibernating animals or as a result of extreme stress or fatigue

synonym: dormancy, inactivity, sluggishness

(1) torpor period, (2) economic torpor

The cold weather had put the bear into a state of torpor.

proportionally

adv. in a way that corresponds in size, amount, or degree to change in something else

synonym: proportionately

(1) distribute the profits **proportionally**, (2) **proportionally** increased

Northern regions have **proportionally** greater rates of unemployment.

mere

adj. used to emphasize how insignificant or minor someone or something is

synonym: bare, minor, sheer

(1) **mere** acquaintance, (2) **mere** incident

He lost the election by **mere** votes.

lightning

 a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash

synonym: bolt, electrical discharge

(1) streaks of **lightning**, (2) **lightning** air strike

The human eye is **lightning-fast** in recognizing objects.

gear

 a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose

synonym: equipment, tools, apparatus

(1) sports gear, (2) a gear change lever

She checked her gear before embarking on the hike.

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.

revered

v. highly respected or admired, often because of moral or spiritual qualities

synonym: respected, admired, honored

(1) **revered** figure, (2) the most **revered** President

The **revered** teacher was loved by her students.

energetic

adj. possessing or exerting or displaying energy

synonym: active, animated, lively

(1) energetic density, (2) energetic dog

This process caused an **energetic** chemical reaction.

immense

adj. extremely large or great

synonym: enormous, giant, huge

(1) immense amount, (2) immense pressure

He left his wife an **immense** fortune.

Session 2: Spelling

1. s_b in the chest

2. acquire te____ry

3. the muscle tissue of a ver____te

4. ty____I leader

5. ex t a topic

6. bl___g fury

7. m e acquaintance

8. sp__y shrub

9. I_t a ban on alcohol

10. fr cy band

v. to cause harm with a sharp, pointed object, such as a knife

n. an area under the control of a ruler or state

 adj. relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

adj. having the usual characteristics or traits of a specific group of things

 the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired

adj. burning and emitting intense heat and light; powerful and impressive

adj. used to emphasize how insignificant or minor someone or something is

adj. covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance

v. to raise something to a higher position or level; to pick up something or somebody and move them to a different position

n. an ordered array of colors into which a light beam can be split

ANSWERS: 1. stab, 2. territory, 3. vertebrate, 4. typical, 5. exhaust, 6. blazing, 7. mere, 8. spiny, 9. lift, 10. frequency

- 11. congressional h__k
- 12. ro_h estimation
- 13. en____ic density
- 14. dr__n water from the swamp
- 15. the worst case sc____io
- 16. gi_t tech company
- 17. gi_t trees
- 18. im e pressure
- 19. look up d
- 20. wild goose ch__e

- a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations
- adj. not quite exact or correct; having or caused by an irregular surface
- adj. possessing or exerting or displaying energy
- v. to empty or dry something by removing the liquid from it
- a description of possible actions or events in the future; a written outline of a play, film, or literary work
- adj. enormous; much bigger or more important than similar items usually are
- adj. enormous; much bigger or more important than similar items usually are
- adj. extremely large or great
- adv. toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
- v. to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes

ANSWERS: 11. hawk, 12. rough, 13. energetic, 14. drain, 15. scenario, 16. giant, 17. giant, 18. immense, 19. upward, 20. chase

- 21. a nightly fe__t
- 22. f_e their homes
- 23. thrown out into mi___r
- 24. gr___e on the dance floor
- 25. ast____ng achievement
- 26. sports g__r
- 27. ma____e stars
- 28. de d against a threat
- 29. a subordinate ki____m
- 30. ac ic leaps
- 31. pl__k out weeds

- n. a large meal, typically one served on a special occasion
- v. to leave by running away, especially out of fear or danger
- n. some point in the air; above ground level
- a long, narrow cut or depression in a hard material or surface; a particular style of popular music characterized by a strong and repetitive rhythm
- adj. surprising or shocking; difficult to believe
- a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
- adj. enormous amount; very heavy and solid
- v. to protect someone or something from attack, criticism, danger, etc.
- n. the country ruled by a king or queen
- adj. relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile, flexible, and graceful
- v. to pull or draw something, especially with sudden force or effort; to strip of feathers

ANSWERS: 21. feast, 22. flee, 23. midair, 24. groove, 25. astonishing, 26. gear, 27. massive, 28. defend, 29. kingdom, 30. acrobatic, 31. pluck

39. f_p out a candle

a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion

adj. relating to or located in the chest area, particularly the muscles or organs of the chest; relating to the breast or chest

ANSWERS: 32. torpor, 33. relative, 34. tongue, 35. hummingbird, 36. feat, 37. liquid, 38. pollen, 39. flap, 40. pectoral

40. pe___al fins

41. ho r around the table to stay in one place in the air ν. 42. fe___g equipment the art or practice of fighting with n. swords, especially with foils, épées, or sabers, according to certain rules adj. lasting for a long time or continuing for a 43. su ed economic growth long time without becoming weaker or less intense 44. con____ly changing world adv. in a way that happens without interruption or repeatedly 45. ma____e amounts adj. enormous amount; very heavy and solid 46. colorless li d a substance, such as water or oil that flows freely and is neither a solid nor a gas adj. not quite exact or correct; having or 47. ro h and tough caused by an irregular surface 48. hunting sp r a weapon with a long shaft and a sharp n. metal point used for battle, hunting, and fishing in the past the positive aspect or potential of 49. have no up___e n. something; the upper side of something 50. se____ed leaves adj. having a saw-toothed or notched edge; of or relating to leaves, knives, or other objects with jagged edges highly respected or admired, often 51. the most re d President because of moral or spiritual qualities any tiny insect; a fault or defect in a 52. b_g bites n. computer program, system, or machine the top or extreme point of something 53. the t p of a paintbrush n. slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of

ANSWERS: 41. hover, 42. fencing, 43. sustained, 44. continually, 45. massive, 46. liquid, 47. rough, 48. spear, 49. upside, 50. serrated, 51. revered, 52. bug, 53. tip

money given for services

cab-Builder Ref from "Kristiina J. Hurme and Alejandro Rico-Guevara: The surprising secrets of hummingbird flight | TED Talk" (99 wor

60. ruthlessly, 61. owl, 62. vertebrate, 63. stroke

64. bard angle	adv.	at, to, or toward the direction or place that is behind or rear
65. inly cope with	adv.	immediately
66. a fe_t for the eyes	n.	a large meal, typically one served on a special occasion
67. coe a large of alcohol	v.	to spend something, especially fuel, energy, or time, in a large amount
68. rer approval ratings	v.	to return to a former condition, health, mind, or strength
69. get incly insecure	adv.	in a way that is very difficult to believe; exceedingly or extremely
70. emy a new method	<i>v</i> .	to give somebody a job and pay them for it; to make use of
71. peh of a bird of prey	ν.	to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost
72. fll design	adj.	relating to or resembling flowers

73. get into the gr___e

75. ex___t pipe

74. ho r between life and death

- lowers
- a long, narrow cut or depression in a n. hard material or surface; a particular style of popular music characterized by a strong and repetitive rhythm

- to stay in one place in the air ν.
- the system in a vehicle that removes n. waste gases from the engine; (verb) to make someone completely tired

ANSWERS: 64. backward, 65. instantly, 66. feast, 67. consume, 68. recover, 69. incredibly, 70. employ, 71. perch, 72. floral, 73. groove, 74. hover, 75. exhaust

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86. an aggve war	adj.	behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
87. hug bird	adj.	producing a continuous, low, vibrating sound like that of the bee
88. toe cancer	n.	a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
89. hug sound	adj.	producing a continuous, low, vibrating sound like that of the bee
90. blg fire	adj.	burning and emitting intense heat and light; powerful and impressive
91. suy treat	adj.	having the taste, texture, or appearance of sugar; excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere
92. sword dI	n.	formal, one-on-one combat between two people, typically with deadly weapons, often as a means of settling a dispute or seeking revenge
93. pote plants	ν.	to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
94. the first round of the comon	n.	a situation in which someone is attempting to beat or outperform another
ANSWERS: 86. aggressive, 87. humming, sugary, 92. duel, 93. pollinate, 94. compet		tongue, 89. humming, 90. blazing, 91.

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ANSWERS: 95. achieve, 96. threat, 97. upside, 98. ruthlessly, 99. strength, 100. relative, 101. duel, 102. floral, 103. pluck, 104. frequent, 105. compete

106. coe electricity	<i>v</i> .	to spend something, especially fuel, energy, or time, in a large amount
107. 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
108. environmental tht	n.	a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
109. fote situation	adj.	having good luck or lucky
110. excessively suy	adj.	having the taste, texture, or appearance of sugar; excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere
111. demonstrate an upd trend	adv.	toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
112. be killed inly	adv.	immediately
113. It sagging skin	<i>v</i> .	to raise something to a higher position or level; to pick up something or somebody and move them to a different position
114. number of different scios	n.	a description of possible actions or events in the future; a written outline of a play, film, or literary work
ANSWERS: 106. consume, 107. movemer 111. upward, 112. instantly, 113. lift, 114. s		_ ,

cab-Builder Ref from "Kristiina J. Hurme and Alejandro Rico-Guevara: The surprising secrets of hummingbird flight | TED Talk" (99 wor

adj. thin and delicate, often in an attractive 115. sl____r body way the set of chemical reactions in cells or 116. hemoglobin met____sm n. organisms that are necessary for life-sustaining adj. used to emphasize how insignificant or 117. m e incident minor someone or something is adj. extremely large or great 118. im____e amount 119. ex____e sports adj. very great in amount or degree 120. f_e abroad to leave by running away, especially out of fear or danger a type of acrobatics or gymnastics 121. ae___I photography n. performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air 122. fi____ne the engine to make tiny changes or improvements ν . to make it work as well as possible 123. sharp-pointed sp__r a weapon with a long shaft and a sharp n. metal point used for battle, hunting, and fishing in the past a bird of prey typically having short 124. cast off a h k n. rounded wings and a long tail; an advocate of an aggressive policy on foreign relations to cause something to rotate rapidly; to 125. s n a top

ANSWERS: 115. slender, 116. metabolism, 117. mere, 118. immense, 119. extreme, 120. flee, 121. aerial, 122. fine-tune, 123. spear, 124. hawk, 125. spin

cause someone to feel dizzy or

disoriented

ANSWERS: 126. backward, 127. proportionally, 128. movement, 129. sustained, 130. aggressive, 131. wingbeat, 132. fortunate, 133. incredibly, 134. extreme, 135. continually, 136. pollen

137. a long sl r leaf adj. thin and delicate, often in an attractive way 138. p p blood throughout the body to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities 139. the f__p of wings a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion a curved device used for suspending, 140. a hat h k n. holding, or pulling something, especially one attached to a surface for hanging things on; a sharp curve or crook a type of aircraft that is powered by one 141. commercial j t n. or more jet engines and can fly at high speeds, typically over long distances adj. extraordinary, unexpected, or difficult to 142. the state of being we d explain the joint between the hand and the 143. wr t bones n. forearm; the narrow part of the hand near this joint to cause harm with a sharp, pointed 144. s b at the enemy with a knife object, such as a knife 145. re___r a loss to return to a former condition, health, ν.

ANSWERS: 137. slender, 138. pump, 139. flap, 140. hook, 141. jet, 142. weird, 143. wrist, 144. stab, 145. recover, 146. tip

n.

146. give the waiter a t p.

mind, or strength

the top or extreme point of something

or hill; a piece of advice about

money given for services

slender or tapering, usually a mountain

something practical; a small amount of

147. unk a concept	v.	to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better
148. ner of the gods	n.	a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring
149. unk a crate	v.	to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better
150. suer at discretion	<i>v</i> .	to cease resistance to an enemy or opponent and submit to their authority
151. remle achievement	adj.	worthy of attention because unusual or special
152. cose the recent past	<i>v</i> .	to include or consist of something; the act of making up or forming something
153. enic dog	adj.	possessing or exerting or displaying energy
154. fairly tyI symptoms	adj.	having the usual characteristics or traits of a specific group of things
155. intellectual ft	n.	a notable or impressive achievement, especially one that requires great skill or bravery
156. a teue in martial arts	n.	a particular way or art of doing something that needs skill
157. distribute the profits prolly	adv	in a way that corresponds in size, amount, or degree to change in something else
ANSWERS: 147. unpack, 148. nectar, 149. 152. comprise, 153. energetic, 154. typica proportionally		

cab-Builder Ref from "Kristiina J. Hurme and Alejandro Rico-Guevara: The surprising secrets of hummingbird flight | TED Talk" (99 wor

158. hibon period	n.	a state of inactivity and metabolic depression in animals during the winter
159. the bz of a cicada	v.	to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
160. high frcy	n.	an ordered array of colors into which a light beam can be split
161. emy job seekers	v.	to give somebody a job and pay them for it; to make use of
162. p_p a secret out of success	ν.	to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information etc. in significant quantities
163. frnt use	adj.	happening constantly
164. incle amount	adj.	unbelievable; enormous
165. establish his kim	n.	the country ruled by a king or queen
166. pote fruit trees	v.	to transfer pollen from the male part of flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
167. aeI antenna	n.	a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot i sports (particularly in soccer or volleyball) that is made while the player is in the air

ANSWERS: 158. hibernation, 159. buzz, 160. frequency, 161. employ, 162. pump, 163. frequent, 164. incredible, 165. kingdom, 166. pollinate, 167. aerial

ANSWERS: 168. strength, 169. evolve, 170. drain, 171. defend, 172. astonishing, 173. perch, 174. surrender, 175. fencing, 176. remarkable, 177. fine-tune, 178. torpor

extreme stress or fatigue

ANSWERS: 179. hummingbird, 180. midair, 181. compete, 182. blind, 183. owl, 184. achieve, 185. chase, 186. blind, 187. competition

188. a g r change lever a toothed wheel that engages another n. toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose the motion or rhythm of a bird's wings 189. bird wi____at n. while in flight, often used to describe the sound or frequency of the wing flaps 190. te____ry in charge an area under the control of a ruler or n. state 191. fruit ne___r a sweet liquid produced by flowers that n. attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring any tiny insect; a fault or defect in a 192. number of b g fixes n. computer program, system, or machine 193. in ve care adj. involving a lot of work or activity in a short time 194. pe___al cross adj. relating to or located in the chest area, particularly the muscles or organs of the chest; relating to the breast or chest adj. unbelievable; enormous 195. at inc____le speed 196. sp__y lobster adj. covered with spines, thorns, or prickly projections; having an abrasive or irritating manner or causing discomfort or annoyance to include or consist of something; the 197. co se a large percentage ν.

ANSWERS: 188. gear, 189. wingbeat, 190. territory, 191. nectar, 192. bug, 193. intensive, 194. pectoral, 195. incredible, 196. spiny, 197. comprise

act of making up or forming something

198. a we__d dress

adj. extraordinary, unexpected, or difficult to explain

ANSWERS: 198. weird

Session 3: Fill in the Blanks

1.	The of the flowers attracted many bees to the garden.
n.	a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring
2.	Solar gravity creates pressures and temperatures.
adj.	very great in amount or degree
3.	My allergies flare up during season, making it difficult to breathe.
n.	a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination
4.	Without bees to the flowers, many crops would not exist.
ν.	to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
5.	His heartaches are less now.
adj.	happening constantly
6.	He was pretty to pass the exam.
adj.	having good luck or lucky
	The tornado is across the countryside, destroying everything in its path.
<i>v</i> .	to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
	SWERS: 1. nectar, 2. extreme, 3. pollen, 4. pollinate, 5. frequent, 6. fortunate, 7. ning

8.	The is boneless, but it is as strong as bones.	
n.	a moveable mass of muscle tissue covered with mucous membrane that the mouth; a language	is in
9.	That team signed a center forward who was a ball	
n.	a bird of prey typically having short rounded wings and a long tail; an adv of an aggressive policy on foreign relations	ocate
10.	. A smaller car will less fuel.	
v.	to spend something, especially fuel, energy, or time, in a large amount	
11.	. The recent economic downturn has resulted in layoffs.	
adj	dj. enormous amount; very heavy and solid	
12.	. I will introduce some on learning English in this class.	
n.	the top or extreme point of something slender or tapering, usually a mour or hill; a piece of advice about something practical; a small amount of mo given for services	
13.	. The construction industry is labor although it has been somewattomated by introducing large machinery.	what
adj	dj. involving a lot of work or activity in a short time	
14.	. Her response revealed idiocy.	
adj	dj. unbelievable; enormous	
15.	. The sponge takes up the well.	
n.	a substance, such as water or oil that flows freely and is neither a solid negas	or a
	NSWERS: 8. tongue, 9. hawk, 10. consume, 11. massive, 12. tips, 13. intens credible, 15. liquid	sive, 14.
101	nodibio, to liquid	

25. T	he bird on the branch, watching the world below.
v.	to sit, stand, or rest on something, particularly a narrow or elevated surface; to position oneself confidently or dominantly; to place something in a high or elevated position; (noun) a branch or other elevated place where a bird can rest or roost
26. T	he flew over the ocean at high speed, reaching its destination in hours.
n.	a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
27. T	he news of her sudden death was to everyone who knew her.
adj.	surprising or shocking; difficult to believe
28. F	le was many times with scissors.
<i>v</i> .	to cause harm with a sharp, pointed object, such as a knife
29. S	She checked her before embarking on the hike.
n.	a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
30. S	She the flowers off the bush.
ν.	to pull or draw something, especially with sudden force or effort; to strip of feathers
31. N	My computer has been acting recently.
adj.	extraordinary, unexpected, or difficult to explain
32. T	he band played a smooth that got everyone dancing.
n.	a long, narrow cut or depression in a hard material or surface; a particular style of popular music characterized by a strong and repetitive rhythm
	WERS: 25. perched, 26. jet, 27. astonishing, 28. stabbed, 29. gear, 30. plucked, veird, 32. groove
29. S n. 30. S v. 31. N adj. 32. T n.	She checked her before embarking on the hike. a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose She the flowers off the bush. to pull or draw something, especially with sudden force or effort; to strip of feathers My computer has been acting recently. extraordinary, unexpected, or difficult to explain The band played a smooth that got everyone dancing. a long, narrow cut or depression in a hard material or surface; a particular style of popular music characterized by a strong and repetitive rhythm WERS: 25. perched, 26. jet, 27. astonishing, 28. stabbed, 29. gear, 30. plucked,

adv	without compassion or pity; mercilessly
	This artwork is of her work.
adj.	having the usual characteristics or traits of a specific group of things
85.	Most countries prohibit sexual activity between certain close
adj.	considered and evaluated through comparison with something else
86.	I heard the of conversation from the next room.
<i>v</i> .	to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
37.	The teacher was loved by her students.
v.	highly respected or admired, often because of moral or spiritual qualities
88.	You must with others to obtain this position.
ν.	to strive to achieve more success than someone or something
39.	Jockey's superior brought him victory.
n.	a particular way or art of doing something that needs skill
Ю.	He lost the election by votes.
adj.	used to emphasize how insignificant or minor someone or something is
! 1.	The company adjusted the revenue
adv	toward the top or highest point, or a higher position or level; (adjective) extending or moving toward a higher place
	SWERS: 33. ruthlessly, 34. typical, 35. relatives, 36. buzz, 37. revered, 38. pete, 39. technique, 40. mere, 41. upward

ne police officer the suspect through the crowded streets until they hally caught him. o pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes ound a stink crawling across the ceiling. any tiny insect; a fault or defect in a computer program, system, or machine of severe weather prompted the city to issue an evacuation warning.
something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes ound a stink crawling across the ceiling. any tiny insect; a fault or defect in a computer program, system, or machine
any tiny insect; a fault or defect in a computer program, system, or machine
ne of severe weather prompted the city to issue an evacuation warning.
a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
nis process caused an chemical reaction.
possessing or exerting or displaying energy
hen making arrests, police officers frequently excessive force.
o give somebody a job and pay them for it; to make use of
ne cold weather had put the bear into a state of
a state of reduced activity or a slowed metabolism, often occurring in nibernating animals or as a result of extreme stress or fatigue
is an incredible to climb Mount Everest, the highest mountain in the orld.
a notable or impressive achievement, especially one that requires great skill or bravery
emembered that person and never forgot.
mmediately

66.	Northern regions have	greater rates of unemployment.
adv	in a way that corresponds in size, a else	mount, or degree to change in something
67.	Watching a at a flower nature.	is like observing a miniature ballet of
n.	a small bird with a highly specialized place, known for its rapid wingbeats	d beak and wings that allow it to hover in and ability to fly in any direction
68.	They incorporated the conquered	into their nation.
n.	an area under the control of a ruler	or state
69.	He was alert and could not any	critical information out of him.
ν.	_	re from one place to another by using pply something such as money, information,
70.	I need to my suitcase and pu	t my clothes away.
v.	to open and remove stored items fro examine something in detail, often t	om a container or package; to analyze or clarify or understand it better
71.	This year's extreme heat has resulted	d in many heat cases.
n.	a medical condition in which poor blact of swinging or striking at a ball v	lood flow to the brain causes cell death; the vith a club, racket, etc.
72.	She was nearly due to severe	diabetes.
adj	unable to see; unable or unwilling to something	perceive or understand the true nature of
73.	The cactus plant was difficult t	o handle without getting pricked.
adj	covered with spines, thorns, or prick irritating manner or causing discom	
	SWERS: 66. proportionally, 67. humm stroke, 72. blind, 73. spiny	ningbird, 68. territory, 69. pump, 70. unpack,

Builder	Ref from "Kristiina J. Hurme and Alejandro Rico-Guevara: The surprising secrets of hummingbird flight TED Talk" (99 v
82.	The president prepared several possible for an enemy attack.
n.	a description of possible actions or events in the future; a written outline of a play, film, or literary work
83.	He practiced his techniques with a partner.
n.	the art or practice of fighting with swords, especially with foils, épées, or sabers, according to certain rules
84.	The oscillator hunts for the correct
n.	an ordered array of colors into which a light beam can be split
85.	The company experienced growth over the past decade.
adj	lasting for a long time or continuing for a long time without becoming weaker or less intense
86.	The factory's fumes polluted the air and affected the health of the nearby residents.
n.	the system in a vehicle that removes waste gases from the engine; (verb) to make someone completely tired
87.	The sun beat down on the desert.
adj	burning and emitting intense heat and light; powerful and impressive
88.	The royal celebrated the harvest, and the community enjoyed it.
n.	a large meal, typically one served on a special occasion
89.	She flawlessly performed a somersault.
n.	some point in the air; above ground level
	SWERS: 82. scenarios, 83. fencing, 84. frequency, 85. sustained, 86. exhaust, 87. zing, 88. feast, 89. midair

90.	The of the tent was open, letting in the fresh air.
n.	a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion
91.	Push the button and let the water away.
<i>v</i> .	to empty or dry something by removing the liquid from it
92.	He left his wife an fortune.
adj.	extremely large or great
93.	The hummingbird's rapid allows it to hover in place while collecting nectar from flowers.
n.	the motion or rhythm of a bird's wings while in flight, often used to describe the sound or frequency of the wing flaps
94.	Her tongue runs on
adv	in a way that happens without interruption or repeatedly
	Many animals go into during the winter to conserve energy and survive the harsh conditions.
n.	a state of inactivity and metabolic depression in animals during the winter
96.	She is still from a shot to her shoulder.
<i>v</i> .	to return to a former condition, health, mind, or strength
	Many people see the of traveling as an opportunity to experience new cultures and broaden their horizons.
n.	the positive aspect or potential of something; the upper side of something
	SWERS: 90. flap, 91. drain, 92. immense, 93. wingbeat, 94. continually, 95. ernation, 96. recovering, 97. upside

ab-Builder	Ref from "Kristiina J	. Hurme and Alejand	ro Rico-Guevara	: The surprising s	ecrets of humming	gbird flight TED T	alk" (99 wo
98.	The team	players	s from differ	ent countries	S.		
ν.	to include or	consist of som	ething; the a	act of making	g up or formir	ng something	
99.	The snowy	_ is a large, wh	nite bird ofte	n seen in the	e Arctic.		
n.	a nocturnal be hooting call	oird of prey with	n large eyes	, a facial disc	c, and typical	y a loud	
AN	SWERS: 98. co	omprises, 99. c	owl				