

# Englist.me



## Vocabulary Builder Reference from...

*Johan Rockström: 10 years to transform the future of humanity -- or destabilize the planet | TED Talk*

[https://www.ted.com/talks/johan\\_rockstrom\\_10\\_years\\_to\\_transform\\_the\\_future\\_of\\_humanity\\_or\\_destabilize\\_the\\_planet](https://www.ted.com/talks/johan_rockstrom_10_years_to_transform_the_future_of_humanity_or_destabilize_the_planet)

### All Words

#### IMPORTANT

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## Session 1: Word List

### countdown

*n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

*synonym* : timer

(1) **countdown** clock, (2) wedding **countdown**

The **countdown** to launch began as the astronauts prepared for their mission.

### clap

*v.* to hit your hands together and make a short and loud noise, mainly to show your approval or praise

*synonym* : applaud, spat, acclaim

(1) **clap** my hands, (2) **clap** a book shut

We **clapped** along with the singer's song.

### planet

*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

*synonym* : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

## boundary

*n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places

*synonym*: border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

## prosper

*v.* to be successful or thriving, especially financially; to grow and develop well; to flourish

*synonym*: thrive, flourish, succeed

(1) **prosper** in the long run, (2) **prosper** as a trading hub

With careful planning and hard work, she was able to **prosper** in her new business venture.

## transgress

*v.* to break the law or moral code; to go beyond or exceed the limits or boundaries of something

*synonym*: trespass, violate, infringe

(1) **transgress** boundaries, (2) **transgress** against the rules

The company was fined for **transgressing** environmental regulations.

## multiply

*v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

*synonym*: boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

**Multiply** a number by itself twice.

## climate

*n.* the weather in a particular location averaged over some long period

*synonym*: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

**Climate** and weather have an impact on every part of our lifestyles.

## biodiversity

*n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

(1) **biodiversity** conservation, (2) loss of **biodiversity**

The country was instrumental in promoting the **biodiversity** treaty.

## core

*n.* the most essential or fundamental part of something  
*synonym* : center, basis, heart

(1) the **core** of an apple, (2) **core** business activity

These gas nebulas are merely newborn galactic **cores**.

## warn

*v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future

*synonym* : alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan

I attempted to **warn** him, but he ignored me.

## absolutely

*adv.* without restriction or limitation; completely or utterly

*synonym* : completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

## unstoppable

*adj.* impossible to stop or prevent

*synonym* : unshakable, unyielding, relentless

(1) **unstoppable** force, (2) **unstoppable** momentum

The team's winning streak was **unstoppable**.

## trigger

*v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

*synonym* : activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

## operate

*v.* to work in a particular way; to supervise something  
*synonym* : work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

## crisis

*n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

*synonym* : concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

## extreme

*adj.* very great in amount or degree

*synonym* : farthest, outermost, fierce

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

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

## blaze

*v.* to burst into flame or light up intensely; to move in a trailblazing manner; to shine brightly or conspicuously

*synonym* : burn, flame, ignite

(1) **blaze** a trail, (2) **blaze** with fury

The forest fire continued to **blaze** out of control, threatening nearby homes.

## flood

*n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount

*synonym* : deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

## hemisphere

*n.* half of the terrestrial globe; half of a sphere

(1) northern **hemisphere**, (2) cerebral **hemisphere**

This weather pattern is unique to the southern **hemisphere**.

- 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** .  
I will introduce some **tips** on learning English in this class.
- shift** *n.* a slight transition in position, direction, or trend  
*synonym* : transition, change, modification  
(1) Doppler **shift**, (2) major paradigm **shift**  
Could you help me **shift** some furniture?
- resilient** *adj.* able to withstand or recover quickly from difficult conditions  
*synonym* : robust, sturdy, tough  
(1) a hard and **resilient** steel, (2) **resilient** population  
She is a **resilient** person and has always bounced back from setbacks.
- dampen** *v.* to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement  
*synonym* : drench, moisten, saturate  
(1) **dampen** the sound, (2) **dampen** the enthusiasm  
The rain helped **dampen** the flames of the campfire.
- amplify** *v.* to enhance something, particularly sound or brightness  
*synonym* : intensify, boost, argument  
(1) **amplify** a signal, (2) **amplify** the effect  
You might need to **amplify** this point.
- destabilize** *v.* to cause something to become less stable or secure  
*synonym* : unsettle, disrupt, upset  
(1) **destabilize** the market, (2) **destabilize** a good relationship

The political crisis **destabilized** the country and caused widespread turmoil.

## disbelief

*n.* the feeling of not being able to believe or accept that something is true or real

*synonym* : doubt, mistrust, incredulity

(1) **disbelief** in the authority, (2) ask in **disbelief**

His reaction was one of complete **disbelief**.

## deviate

*v.* to depart from an established course or plan; to change direction or take a different route or approach

*synonym* : stray, diverge, veer

(1) **deviate** from the norm, (2) **deviate** from the plan

It's important not to **deviate** from the established safety procedures.

## catastrophic

*adj.* extremely harmful; causing physical or financial destruction

*synonym* : fatal, disastrous, destructive

(1) victim of **catastrophic** injuries, (2) **catastrophic** climate change

The extinction rate of aquatic animals was **catastrophic**.

## profound

*adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

*synonym* : deep, unsounded, far-reaching

(1) a **profound** book, (2) the **profound** depths of the sea

My mother's illness had a **profound** impact on us all.

## transformation

*n.* a complete change in form, nature, or appearance of someone or something

*synonym* : change, conversion, renewal

(1) the **transformation** of a tadpole into a frog, (2) cast a **transformation** spell

Understanding unitary **transformations** of a normal matrix require considerable mathematical sophistication.

**tick**

*n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis

*synonym*: sound, noise, beat

(1) **tick** of the clock, (2) **tick** fever

I always put a **tick** mark next to the items on my grocery list after buying them.

**colleague**

*n.* one of a group of a coworker, especially in a profession or a business

*synonym*: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

**summarize**

*v.* to give a brief statement of the most important facts or ideas about something

*synonym*: recap, outline, digest

(1) **summarizes** the main ideas, (2) **summarize** text

Each chapter **summarizes** the most critical issues.

**downward**

*adj.* moving towards a lower position or a lower level

*synonym*: lower, earthward, descending

(1) a **downward** slope, (2) maintain **downward** compatibility

The stock market has been in a **downward** trend for the past month.

**spiral**

*n.* a curve that coils around a central point and gets progressively farther away from it as it goes around

*synonym*: coil, helix, twist

(1) **spiral** staircase, (2) **spiral** design

The leaves of the fern were arranged in a **spiral** pattern.

**arctic**

*adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold

*synonym*: cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**

Cold temperatures and long, dark winters characterize the **arctic** climate.

## revisit

*v.* to go to a place again, especially after a long period  
*synonym*: reexplore, review, reexamine

(1) **revisit** a place, (2) **revisit** an old friend

We need to **revisit** this proposal as soon as the budget is more apparent than before.

## shock

*n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

*synonym*: amazement, surprise, stunner

(1) death from **shock**, (2) **shock-resistant**

He got an electric **shock** at work.

## permafrost

*n.* a layer of soil that is permanently below freezing, usually in polar regions

(1) **permafrost** area, (2) thawing **permafrost**

**Permafrost** is crucial to soil stability in arctic areas.

## thaw

*v.* to become less rigid or hostile; to melt, soften, or become more friendly

*synonym*: melt, defrost, unfreeze

(1) **thaw** out a glacier, (2) **thaw** relations between countries

The sun was beginning to **thaw** the frozen ground.

## dramatic

*adj.* very sudden, very excellent, or full of action and excitement

*synonym*: striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

## trillion

*n.* the number 1,000,000,000,000; a million million

(1) **trillion** cubic feet, (2) many **trillions** of dollars



One light year is nearly 6 **trillion** miles.

## plume

*n.* a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat

*synonym*: feather, honor, token

(1) **plume** of smoke, (2) **plume** of feathers

The bird had a beautiful **plume** on its head.

## circulation

*n.* the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold

*synonym*: flow, movement, dissemination

(1) lymphatic **circulation**, (2) **circulation** of money

The **circulation** of the magazine has been steadily declining.

## rainforest

*n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

(1) **rainforest** destruction, (2) tropical **rainforest**

The destruction of the **rainforest** is a ticking time bomb for the Earth.

## emit

*v.* to give off or send out something such as light, heat, sound, gas, etc.

*synonym*: give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

## carbon

*n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

## coral

*n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in

jewelry

(1) **coral** island, (2) **coral** ornament

She is wearing a **coral** necklace.

**barrier**

*n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

*synonym*: border, barricade, fence

(1) cost **barrier**, (2) information **barrier**

The police placed a **barrier** across the street to halt traffic.

**reef**

*n.* a long chain or range of rocks or sand near the ocean's surface

(1) barrier **reef**, (2) coral **reefs**

The vessel ran aground on a **reef**.

**solid**

*adj.* hard or firm; characterized by good substantial quality

*synonym*: stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

**glacier**

*n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

*synonym*: iceberg, ice floe

(1) **glacier** retreat, (2) **glaciers** move tardily

The **glaciers** of the ice age have shaped Fjord.

**unstable**

*adj.* lacking solidity, persistence, or firmness and therefore not strong, safe, or likely to continue; lacking control of one's emotions

*synonym*: shaky, unbalanced, inconsistent

(1) mentally **unstable**, (2) **unstable** weather

The tower proved to be **unstable** in the high wind.

**physics**

*n.* the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

## regulate

v. to control something, especially by means of rules or laws

*synonym*: control, restrain, handle

(1) **regulate** blood sugar levels, (2) **regulate** our conduct

We must manage to **regulate** our expenditure.

## decline

v. to become gradually smaller, fewer, worse, etc.; to refuse to accept

*synonym*: descend, drop, deny

(1) **decline** a job offer, (2) **decline** in quality

As people age, their digestive capacity also gradually **declines**.

## threat

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

*synonym*: menace, danger, hazard

(1) economic **threat**, (2) environmental **threat**

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

## endanger

v. to put someone or something in a risky situation

*synonym*: threaten, imperil, jeopardize

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

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

## melt

v. to turn from something solid into something soft or liquid as a result of heating

*synonym*: disintegrate, soften, disappear

(1) **melt** the ice, (2) **melt** down gold

Her resistance **melted** under his persuasion.

## equation

n. the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by

connecting them with the equals sign

(1) the **equation** of poverty with ignorance, (2) a chemical **equation**

In this class, you will learn how to solve quadratic **equations**.

## flip

v. to turn over into a different position quickly; to throw or toss with a light motion

*synonym*: throw, jump

(1) **flip** over the pork chop, (2) **flip** a coin

He **flipped** when he heard that he had been accepted into the university.

## belch

v. to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion

*synonym*: burp, eruct, rumble

(1) **belch** chemical waste into the atmosphere, (2) **belch** loudly

The bubbling mud in the hot spring occasionally **belch** up a foul odor.

## stabilize

v. to become or cause to become steady or unlikely to give way

*synonym*: brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

## temperature

n. the degree of hotness or coldness of a thing or place

*synonym*: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

## domino

n. a small, flat, rectangular block used in a game that has pairs of dots on one or both sides; a consequence of an

event that sets off a chain reaction of similar events

*synonym* : tile, block, ivory

(1) **domino** chain, (2) **domino** effect

We knocked over a stack of **dominoes** and watched them fall one by one.

## **lurch**

*v.* to make a sudden, abrupt movement; to stagger or sway unsteadily; to experience a sudden change or reversal;  
(noun) a sudden, unsteady, or awkward movement or motion, often to one side or another

*synonym* : stumble, reel, stagger

(1) a **lurch** in the stock market, (2) **lurch** back and forth

The car suddenly **lurched** forward as we hit a pothole.

## **stable**

*adj.* firm and steady; not easily moved, disturbed, or changed

*synonym* : sturdy, unmoving, durable

(1) in **stable** condition, (2) have a **stable** job

Relations between the two countries have been relatively **stable** due to the summit meeting.

## **diversity**

*n.* the quality or fact of many different types of things or people being included in something; a range of different things or people

*synonym* : variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**

He was impressed by the range and **diversity** of the collection.

## **civilization**

*n.* a complex and highly organized society that has developed over time and has a dominant culture, including features such as language, religion, government, technology, and social customs

*synonym* : society, culture, community

(1) **civilization** decline, (2) lost **civilization**

The rise and fall of **civilizations** can be studied through

history and archaeology.

## thrive

*v.* to grow vigorously; to make steady progress

*synonym* : bloom, flourish, prosper

(1) **thrive** in a society, (2) **thrive** on pressure

Without investment, a business cannot **thrive**.

## zone

*n.* a specific area, region, or section that is marked off or defined in some way

*synonym* : area, region, territory

(1) time **zone**, (2) **zone** defense

He was reluctant to leave his comfort **zone** and try something new.

## zoom

*v.* to move along very quickly; (noun) the act of rising upward into the air

*synonym* : move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

## degree

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

*synonym* : level, qualification, diploma

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

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

## glacial

*adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

*synonym* : cold, icy, frozen

(1) **glacial** movements, (2) **glacial** terrain

The **glacial** pace of the negotiations frustrated both parties.

## minus

*adj.* subtracting or taking away; having a value less than zero

*synonym* : without, lacking, negative

(1) **minus** sign, (2) **minus** temperature

The recipe calls for four cups of flour **minus** one tablespoon.

## rewind

*v.* to make something, such as a film or tape, go back to the beginning

*synonym*: wind back, back up, reverse

(1) **rewind** a film, (2) manually **rewind** the tape

Please **rewind** the thread onto the reel.

## drift

*v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction

*synonym*: float, wander, freewheel

(1) **drift** down the stream, (2) **drift** away on a raft

I **drifted** around for years in Europe before going to university.

## hothouse

*n.* a heated and artificially controlled environment used for the cultivation of plants or the raising of animals; a place of intense activity or pressure; (verb) to push or force its rapid growth or development, typically in a controlled or intensely managed environment

*synonym*: greenhouse, conservatory, nursery

(1) **hothouse** economy, (2) tropical **hothouse**

The plants in the **hothouse** require special care and attention.

## largely

*adv.* virtually entirely; to a large degree

*synonym*: mainly, chiefly, broadly

(1) **largely** accepted, (2) **largely** mitigate the issue

Nevada is **largely** a desert state.

## uninhabitable

*adj.* not suitable or safe for people to live in; lacking the necessary conditions for human habitation

*synonym*: desolate, dilapidated, unlivable

(1) **uninhabitable** conditions, (2) **uninhabitable** apartment

The hurricane left many coastal areas **uninhabitable** for a

long time.

## emergency

*n.* a sudden unforeseen crisis usually involving danger that requires immediate action

*synonym*: crisis, trouble, difficulty

(1) **emergency** action, (2) acute **emergency**

The president declared a state of **emergency**.

## cliff

*n.* a steep rock face, especially one at the edge of the sea or a river

*synonym*: crag, escarpment, precipice

(1) a bold **cliff**, (2) **cliff** diving

He stood at the edge of the **cliff** and looked out to sea.

## determinant

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

*synonym*: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

## alarm

*n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger

*synonym*: notice, warning, panic

(1) give the **alarm**, (2) an **alarm** clock

The **alarm** announcing an enemy attack went off this morning.

## frontier

*n.* a border that separates two countries, or the area near this line

*synonym*: border, boundary, borderland

(1) **frontier** disputes, (2) the Italian **frontier** with Switzerland

He worked at the **frontier** of behavioral economics.



## sustainable

*adj.* able to continue or be continued for a long time

*synonym* : continuable, endurable, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

## steward

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

*synonym* : caretaker, manager, custodian

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

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

## corridor

*n.* a hallway or passageway, especially one connecting rooms or areas within a building or structure

*synonym* : hallway, passageway, aisle

(1) walk along a **corridor**, (2) air **corridor**

The long **corridor** was filled with people rushing to get to their rooms before the meeting began.

## economy

*n.* the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

*synonym* : finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

## logic

*n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments

*synonym* :

reasoning, reason, ratiocination

(1) an indisputable **logic**, (2) a demonstration in **logic**

There's no **logic** in his description.

## well-being

*n.* the state of being happy and healthy and prosperous  
*synonym*: health, welfare, happiness

(1) the **well-being** of a nation, (2) a sense of **well-being**

We are responsible for the care and **well-being** of all our employees.

## emission

*n.* the act of production or sending out gas, heat, light, etc.  
*synonym*: emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

## decarbonize

*v.* to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy

*synonym*: decoke, decarburise, decarburize

(1) **decarbonize** their manufacturing process,

(2) **decarbonize** its energy system

We have to seek methods to **decarbonize** its fossil fuel economy.

## industrious

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

*synonym*: diligent, hardworking, assiduous

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

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

## transport

*n.* a system for moving people or products from one location to another using automobiles, roads, and so on

*synonym*: shipment, transit, conveyance

(1) **transport** facilities, (2) access to public **transport**

Enhanced rail **transportation** is crucial for our business.

## fossil

*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

*synonym*: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

## fuel

*n.* a substance that is typically burned to generate heat or energy

*synonym*: energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

## transform

*v.* to change in outward structure or looks;

*synonym*: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power

My father's death **transformed** my life completely.

## agriculture

*n.* the practice or science of cultivating the land or raising stock

*synonym*: farming, husbandry, agribusiness

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

**Agriculture** is the foundation of our economy.

## critic

*n.* someone who expresses opinions about the quality of books, music, etc.

*synonym*: pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

## ecosystem

*n.* all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

## absorb

*v.* to take in a fluid or other substance gradually

*synonym*: consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

## lung

*n.* either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

## livable

*adj.* capable of being lived in comfortably and sustainably; suitable for human habitation

*synonym*: habitable, comfortable, pleasant

(1) **livable** city, (2) **livable** housing

Finding a safe and **livable** neighborhood is important when looking for a new place to live.

## Session 2: Spelling

- |   |  |
|---|--|
| 1. manually re___d the tape               | <i>v.</i> to make something, such as a film or tape, go back to the beginning  |
| 2. de_____e a job offer                   | <i>v.</i> to become gradually smaller, fewer, worse, etc.; to refuse to accept   |
| 3. fl__d advisory                         | <i>n.</i> a large amount of water flowing beyond its normal limits; an overwhelming number or amount   |
| 4. a det_____nt of crop yields            | <i>n.</i> a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result                  |
| 5. in st___e condition                    | <i>adj.</i> firm and steady; not easily moved, disturbed, or changed   |
| 6. information ba_____r                   | <i>n.</i> a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective |
| 7. re_____nt population                   | <i>adj.</i> able to withstand or recover quickly from difficult conditions   |
| 8. the di_____ty policy of the university | <i>n.</i> the quality or fact of many different types of things or people being included in something; a range of different things or people                   |
| 9. many tr_____ons of dollars             | <i>n.</i> the number 1,000,000,000,000; a million million  |
| 10. sp___l design                         | <i>n.</i> a curve that coils around a central point and gets progressively farther away from it as it goes around  |

ANSWERS: 1. rewind, 2. decline, 3. flood, 4. determinant, 5. stable, 6. barrier, 7. resilient, 8. diversity, 9. trillion, 10. spiral

11. mu\_\_\_\_ly about hundredfold      *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
12. a sense of wel\_\_\_\_\_ng      *n.* the state of being happy and healthy and prosperous
13. do l\_\_g transplantation      *n.* either of the two organs in the chest that people and some animals use for breathing
14. gl\_\_\_\_\_l terrain      *adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement
15. so\_\_d ally      *adj.* hard or firm; characterized by good substantial quality
16. ind\_\_\_\_\_us worker      *adj.* hardworking, diligent, and persistent in effort
17. a do\_\_\_\_\_rd slope      *adj.* moving towards a lower position or a lower level
18. acute em\_\_\_\_\_cy      *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
19. an indisputable lo\_\_c      *n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments
20. extreme tem\_\_\_\_\_res      *n.* the degree of hotness or coldness of a thing or place

ANSWERS: 11. multiply, 12. well-being, 13. lung, 14. glacial, 15. solid, 16. industrious, 17. downward, 18. emergency, 19. logic, 20. temperature

21. barrier r\_\_f *n.* a long chain or range of rocks or sand near the ocean's surface
22. da\_\_\_n the sound *v.* to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement
23. manually op\_\_\_\_\_e a machine *v.* to work in a particular way; to supervise something
24. st\_\_\_\_\_ze prices *v.* to become or cause to become steady or unlikely to give way
25. the t\_p of a paintbrush *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
26. ab\_\_\_b a shock *v.* to take in a fluid or other substance gradually
27. z\_\_m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
28. give the al\_\_m *n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger
29. a bold cl\_\_f *n.* a steep rock face, especially one at the edge of the sea or a river
30. ask in di\_\_\_\_\_ef *n.* the feeling of not being able to believe or accept that something is true or real
31. t\_\_w relations between countries *v.* to become less rigid or hostile; to melt, soften, or become more friendly

ANSWERS: 21. reef, 22. dampen, 23. operate, 24. stabilize, 25. tip, 26. absorb, 27. zoom, 28. alarm, 29. cliff, 30. disbelief, 31. thaw

32. organic agr\_\_\_\_\_re *n.* the practice or science of cultivating the land or raising stock
33. the wel\_\_\_\_\_ng of a nation *n.* the state of being happy and healthy and prosperous
34. abs\_\_\_\_\_ly against *adv.* without restriction or limitation; completely or utterly
35. tr\_\_\_\_\_rm heat into power *v.* to change in outward structure or looks;
36. a pr\_\_\_\_\_nd book *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
37. civ\_\_\_\_\_ion decline *n.* a complex and highly organized society that has developed over time and has a dominant culture, including features such as language, religion, government, technology, and social customs
38. li\_\_\_\_\_e housing *adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
39. co\_\_\_\_\_wn clock *n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
40. de\_\_\_e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
41. cat\_\_\_\_\_hic climate change *adj.* extremely harmful; causing physical or financial destruction

ANSWERS: 32. agriculture, 33. well-being, 34. absolutely, 35. transform, 36. profound, 37. civilization, 38. livable, 39. countdown, 40. degree, 41. catastrophic



42. t\_\_w out a glacier *v.* to become less rigid or hostile; to melt, soften, or become more friendly
43. the tra\_\_\_\_\_ion of a tadpole into a frog *n.* a complete change in form, nature, or appearance of someone or something
44. t\_\_k fever *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
45. c\_\_p a book shut *v.* to hit your hands together and make a short and loud noise, mainly to show your approval or praise
46. gl\_\_\_\_\_rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
47. maintain do\_\_\_\_\_rd compatibility *adj.* moving towards a lower position or a lower level
48. walk along a co\_\_\_\_\_or *n.* a hallway or passageway, especially one connecting rooms or areas within a building or structure
49. air co\_\_\_\_\_or *n.* a hallway or passageway, especially one connecting rooms or areas within a building or structure
50. dec\_\_\_\_\_ze their manufacturing process *v.* to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy
51. da\_\_\_n the enthusiasm *v.* to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement

ANSWERS: 42. thaw, 43. transformation, 44. tick, 45. clap, 46. glacier, 47. downward, 48. corridor, 49. corridor, 50. decarbonize, 51. dampen

52. pl\_\_e of feathers *n.* a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat
53. des\_\_\_\_\_ze the market *v.* to cause something to become less stable or secure
54. st\_\_\_\_\_d duties *n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.
55. art cr\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
56. northern hem\_\_\_\_\_re *n.* half of the terrestrial globe; half of a sphere
57. financial cr\_\_\_s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
58. burning of fo\_\_\_l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
59. co\_\_\_l island *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
60. li\_\_\_\_\_e city *adj.* capable of being lived in comfortably and sustainably; suitable for human habitation

ANSWERS: 52. plume, 53. destabilize, 54. steward, 55. critic, 56. hemisphere, 57. crisis, 58. fossil, 59. coral, 60. livable

61. former co\_\_\_\_\_ue *n.* one of a group of a coworker, especially in a profession or a business
62. c\_\_e business activity *n.* the most essential or fundamental part of something
63. de\_\_\_\_\_e from the norm *v.* to depart from an established course or plan; to change direction or take a different route or approach
64. Doppler sh\_\_t *n.* a slight transition in position, direction, or trend
65. tr\_\_\_\_\_rm an education system *v.* to change in outward structure or looks;
66. w\_\_ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
67. uni\_\_\_\_\_ble apartment *adj.* not suitable or safe for people to live in; lacking the necessary conditions for human habitation
68. an al\_\_m clock *n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger
69. f\_\_p a coin *v.* to turn over into a different position quickly; to throw or toss with a light motion
70. tr\_\_\_\_\_r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
71. intensive agr\_\_\_\_\_re *n.* the practice or science of cultivating the land or raising stock

ANSWERS: 61. colleague, 62. core, 63. deviate, 64. shift, 65. transform, 66. warn, 67. uninhabitable, 68. alarm, 69. flip, 70. trigger, 71. agriculture

72. do\_\_\_o effect *n.* a small, flat, rectangular block used in a game that has pairs of dots on one or both sides; a consequence of an event that sets off a chain reaction of similar events
73. the em\_\_\_\_on of light *n.* the act of production or sending out gas, heat, light, etc.
74. am\_\_\_\_y a signal *v.* to enhance something, particularly sound or brightness
75. la\_\_\_\_y accepted *adv.* virtually entirely; to a large degree
76. e\_\_t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
77. mi\_\_s sign *adj.* subtracting or taking away; having a value less than zero
78. ab\_\_\_b energy *v.* to take in a fluid or other substance gradually
79. re\_\_\_\_te our conduct *v.* to control something, especially by means of rules or laws
80. fr\_\_\_\_er disputes *n.* a border that separates two countries, or the area near this line
81. re\_\_\_\_t an old friend *v.* to go to a place again, especially after a long period
82. a lu\_\_h in the stock market *v.* to make a sudden, abrupt movement; to stagger or sway unsteadily; to experience a sudden change or reversal; (noun) a sudden, unsteady, or awkward movement or motion, often to one side or another

ANSWERS: 72. domino, 73. emission, 74. amplify, 75. largely, 76. emit, 77. minus, 78. absorb, 79. regulate, 80. frontier, 81. revisit, 82. lurch

83. la____y mitigate the issue	<i>adv.</i> virtually entirely; to a large degree
84. dr__t away on a raft	<i>v.</i> to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
85. f__p over the pork chop	<i>v.</i> to turn over into a different position quickly; to throw or toss with a light motion
86. ex____e weather events	<i>adj.</i> very great in amount or degree
87. re____d a film	<i>v.</i> to make something, such as a film or tape, go back to the beginning
88. en____er my health	<i>v.</i> to put someone or something in a risky situation
89. th____e on pressure	<i>v.</i> to grow vigorously; to make steady progress
90. effects of cl____e change	<i>n.</i> the weather in a particular location averaged over some long period
91. lost civ______ion	<i>n.</i> a complex and highly organized society that has developed over time and has a dominant culture, including features such as language, religion, government, technology, and social customs
92. tr______rt facilities	<i>n.</i> a system for moving people or products from one location to another using automobiles, roads, and so on
93. gl____r retreat	<i>n.</i> a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
94. the atmospheric tem______re	<i>n.</i> the degree of hotness or coldness of a thing or place

ANSWERS: 83. largely, 84. drift, 85. flip, 86. extreme, 87. rewind, 88. endanger, 89. thrive, 90. climate, 91. civilization, 92. transport, 93. glacier, 94. temperature

95. economic th\_\_\_t                    *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
96. bachelor's de\_\_\_e                *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
97. en\_\_\_\_\_er a close relationship    *v.* to put someone or something in a risky situation
98. a fo\_\_\_l leaf                    *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
99. so\_\_d employment measures       *adj.* hard or firm; characterized by good substantial quality
100. major paradigm sh\_\_t            *n.* a slight transition in position, direction, or trend
101. ho\_\_\_\_\_se economy            *n.* a heated and artificially controlled environment used for the cultivation of plants or the raising of animals; a place of intense activity or pressure; (verb) to push or force its rapid growth or development, typically in a controlled or intensely managed environment
102. global em\_\_\_\_\_ons of greenhouse gases                    *n.* the act of production or sending out gas, heat, light, etc.
103. geographical bo\_\_\_\_\_ry        *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places

ANSWERS: 95. threat, 96. degree, 97. endanger, 98. fossil, 99. solid, 100. shift, 101. hothouse, 102. emission, 103. boundary

104. ec\_\_\_\_y of scale *n.* the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
105. access to public tr\_\_\_\_rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
106. a fl\_\_d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
107. uns\_\_\_\_le momentum *adj.* impossible to stop or prevent
108. be\_\_h loudly *v.* to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion
109. a hard and re\_\_\_\_nt steel *adj.* able to withstand or recover quickly from difficult conditions
110. coral r\_\_fs *n.* a long chain or range of rocks or sand near the ocean's surface
111. environmental det\_\_\_\_nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
112. gl\_\_\_\_l movements *adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

ANSWERS: 104. economy, 105. transport, 106. flood, 107. unstoppable, 108. belch, 109. resilient, 110. reef, 111. determinant, 112. glacial





123. op\_\_\_\_\_e 24 hours a day *v.* to work in a particular way; to supervise something
124. sus\_\_\_\_\_le alternative fuel *adj.* able to continue or be continued for a long time
125. the Italian fr\_\_\_\_\_er with Switzerland *n.* a border that separates two countries, or the area near this line
126. rai\_\_\_\_\_st destruction *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
127. save the pl\_\_\_\_t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
128. do\_\_\_\_o chain *n.* a small, flat, rectangular block used in a game that has pairs of dots on one or both sides; a consequence of an event that sets off a chain reaction of similar events
129. st\_\_\_\_\_d service *n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.
130. loss of bio\_\_\_\_\_ity *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
131. su\_\_\_\_\_zes the main ideas *v.* to give a brief statement of the most important facts or ideas about something

ANSWERS: 123. operate, 124. sustainable, 125. frontier, 126. rainforest, 127. planet, 128. domino, 129. steward, 130. biodiversity, 131. summarize

132. collaborate with co\_\_\_\_\_ues      *n.* one of a group of a coworker, especially in a profession or a business
133. des\_\_\_\_\_ze a good relationship      *v.* to cause something to become less stable or secure
134. dec\_\_\_\_\_ze its energy system      *v.* to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy
135. laws of ph\_\_\_\_\_s      *n.* the science of matter and energy and their interactions
136. nuclear ph\_\_\_\_\_s      *n.* the science of matter and energy and their interactions
137. marine ec\_\_\_\_\_em      *n.* all the plants and living creatures in an area and the way they affect each other and the environment
138. a chemical eq\_\_\_\_\_on      *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
139. e\_\_t a gamma ray      *v.* to give off or send out something such as light, heat, sound, gas, etc.
140. tr\_\_\_\_\_r a biochemical response      *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
141. make dr\_\_\_\_\_ic changes      *adj.* very sudden, very excellent, or full of action and excitement
142. cerebral hem\_\_\_\_\_re      *n.* half of the terrestrial globe; half of a sphere

ANSWERS: 132. colleague, 133. destabilize, 134. decarbonize, 135. physics, 136. physics, 137. ecosystem, 138. equation, 139. emit, 140. trigger, 141. dramatic, 142. hemisphere

143. c\_\_p my hands *v.* to hit your hands together and make a short and loud noise, mainly to show your approval or praise
144. cost ba\_\_\_\_r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
145. principles of sus\_\_\_\_\_le development *adj.* able to continue or be continued for a long time
146. ar\_\_\_c ice *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
147. tropical ho\_\_\_\_se *n.* a heated and artificially controlled environment used for the cultivation of plants or the raising of animals; a place of intense activity or pressure; (verb) to push or force its rapid growth or development, typically in a controlled or intensely managed environment
148. di\_\_\_\_\_ef in the authority *n.* the feeling of not being able to believe or accept that something is true or real
149. am\_\_\_\_\_y the effect *v.* to enhance something, particularly sound or brightness
150. pl\_\_e of smoke *n.* a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat
151. have a st\_\_\_e job *adj.* firm and steady; not easily moved, disturbed, or changed

ANSWERS: 143. clap, 144. barrier, 145. sustainable, 146. arctic, 147. hothouse, 148. disbelief, 149. amplify, 150. plume, 151. stable

152. de\_\_\_\_e in quality      *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
153. t\_\_k of the clock      *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
154. co\_\_l ornament      *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
155. m\_\_t down gold      *v.* to turn from something solid into something soft or liquid as a result of heating
156. be\_\_h chemical waste into the atmosphere      *v.* to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion
157. pl\_\_\_\_t like the Earth      *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
158. environmental th\_\_\_\_t      *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
159. bl\_\_e with fury      *v.* to burst into flame or light up intensely; to move in a trailblazing manner; to shine brightly or conspicuously

ANSWERS: 152. decline, 153. tick, 154. coral, 155. melt, 156. belch, 157. planet, 158. threat, 159. blaze

160. pr\_\_\_\_\_r as a trading hub *v.* to be successful or thriving, especially financially; to grow and develop well; to flourish
161. su\_\_\_\_\_ze text *v.* to give a brief statement of the most important facts or ideas about something
162. the bo\_\_\_\_\_ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
163. cl\_\_f diving *n.* a steep rock face, especially one at the edge of the sea or a river
164. mu\_\_\_\_\_ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
165. l\_\_g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
166. dr\_\_t down the stream *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
167. z\_\_e defense *n.* a specific area, region, or section that is marked off or defined in some way
168. tra\_\_\_\_\_ss boundaries *v.* to break the law or moral code; to go beyond or exceed the limits or boundaries of something
169. ca\_\_\_\_n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

ANSWERS: 160. prosper, 161. summarize, 162. boundary, 163. cliff, 164. multiply, 165. lung, 166. drift, 167. zone, 168. transgress, 169. carbon

170. sh\_\_k-resistant *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
171. z\_\_m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
172. de\_\_\_\_\_e from the plan *v.* to depart from an established course or plan; to change direction or take a different route or approach
173. uni\_\_\_\_\_ble conditions *adj.* not suitable or safe for people to live in; lacking the necessary conditions for human habitation
174. re\_\_\_\_\_t a place *v.* to go to a place again, especially after a long period
175. pr\_\_\_\_\_r in the long run *v.* to be successful or thriving, especially financially; to grow and develop well; to flourish
176. death from sh\_\_k *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
177. wedding co\_\_\_\_\_wn *n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
178. bio\_\_\_\_\_ity conservation *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

ANSWERS: 170. shock, 171. zoom, 172. deviate, 173. uninhabitable, 174. revisit, 175. prosper, 176. shock, 177. countdown, 178. biodiversity

179. lymphatic cir\_\_\_\_\_on *n.* the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold
180. lingual di\_\_\_\_\_ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
181. ec\_\_\_\_\_y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
182. high ar\_\_\_\_c *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
183. a cold cl\_\_\_\_\_e *n.* the weather in a particular location averaged over some long period
184. cast a tra\_\_\_\_\_ion spell *n.* a complete change in form, nature, or appearance of someone or something
185. re\_\_\_\_\_te blood sugar levels *v.* to control something, especially by means of rules or laws
186. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
187. mentally un\_\_\_\_\_le *adj.* lacking solidity, persistence, or firmness and therefore not strong, safe, or likely to continue; lacking control of one's emotions

ANSWERS: 179. circulation, 180. diversity, 181. economy, 182. arctic, 183. climate, 184. transformation, 185. regulate, 186. industrious, 187. unstable

188. ex\_\_\_\_\_e sports *adj.* very great in amount or degree
189. a demonstration in lo\_\_c *n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments
190. un\_\_\_\_\_le weather *adj.* lacking solidity, persistence, or firmness and therefore not strong, safe, or likely to continue; lacking control of one's emotions
191. biomass f\_\_l *n.* a substance that is typically burned to generate heat or energy
192. em\_\_\_\_\_cy action *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
193. severe cr\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
194. the pr\_\_\_\_\_nd depths of the sea *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
195. ca\_\_\_n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
196. abs\_\_\_\_\_ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly
197. victim of cat\_\_\_\_\_hic injuries *adj.* extremely harmful; causing physical or financial destruction
198. thawing per\_\_\_\_\_st *n.* a layer of soil that is permanently below freezing, usually in polar regions

ANSWERS: 188. extreme, 189. logic, 190. unstable, 191. fuel, 192. emergency, 193. critic, 194. profound, 195. carbon, 196. absolutely, 197. catastrophic, 198. permafrost



199. w\_\_n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
200. st\_\_\_\_\_ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way
201. change the ec\_\_\_\_\_em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
202. time z\_\_e *n.* a specific area, region, or section that is marked off or defined in some way
203. tropical rai\_\_\_\_\_st *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
204. give the waiter a t\_p. *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
205. bl\_\_e a trail *v.* to burst into flame or light up intensely; to move in a trailblazing manner; to shine brightly or conspicuously
206. the eq\_\_\_\_\_on of poverty with ignorance *n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
207. th\_\_\_e in a society *v.* to grow vigorously; to make steady progress
208. uns\_\_\_\_\_le force *adj.* impossible to stop or prevent

ANSWERS: 199. warn, 200. stabilize, 201. ecosystem, 202. zone, 203. rainforest, 204. tip, 205. blaze, 206. equation, 207. thrive, 208. unstoppable

209. tr\_\_\_\_on cubic feet

*n.* the number 1,000,000,000,000; a million million

210. sp\_\_\_\_l staircase

*n.* a curve that coils around a central point and gets progressively farther away from it as it goes around

ANSWERS: 209. trillion, 210. spiral

## Session 3: Fill in the Blanks

1. I will introduce some \_\_\_\_\_ on learning English in this class.  
*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
2. Their actions \_\_\_\_\_ the lives of innocent people.  
*v.* to put someone or something in a risky situation
3. He stood at the edge of the \_\_\_\_\_ and looked out to sea.  
*n.* a steep rock face, especially one at the edge of the sea or a river
4. Enhanced rail \_\_\_\_\_ is crucial for our business.  
*n.* a system for moving people or products from one location to another using automobiles, roads, and so on
5. During the unloading, the container box \_\_\_\_\_ a clicking sound.  
*v.* to give off or send out something such as light, heat, sound, gas, etc.
6. We knocked over a stack of \_\_\_\_\_ and watched them fall one by one.  
*n.* a small, flat, rectangular block used in a game that has pairs of dots on one or both sides; a consequence of an event that sets off a chain reaction of similar events
7. Cities around the world set records for highest \_\_\_\_\_ this summer.  
*n.* the degree of hotness or coldness of a thing or place
8. Advocates for legal reform hear less harsh words from their \_\_\_\_\_.  
*n.* someone who expresses opinions about the quality of books, music, etc.

ANSWERS: 1. tips, 2. endangered, 3. cliff, 4. transportation, 5. emits, 6. dominoes, 7. temperatures, 8. critics

9. Solar gravity creates \_\_\_\_\_ pressures and temperatures.

*adj.* very great in amount or degree

10. The leaves of the fern were arranged in a \_\_\_\_\_ pattern.

*n.* a curve that coils around a central point and gets progressively farther away from it as it goes around

11. It's important not to \_\_\_\_\_ from the established safety procedures.

*v.* to depart from an established course or plan; to change direction or take a different route or approach

12. She is wearing a \_\_\_\_\_ necklace.

*n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry

13. \_\_\_\_\_ a number by itself twice.

*v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

14. He wandered the \_\_\_\_\_ between life and death by gunfire.

*n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places

15. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

16. Could you help me \_\_\_\_\_ some furniture?

*n.* a slight transition in position, direction, or trend

ANSWERS: 9. extreme, 10. spiral, 11. deviate, 12. coral, 13. Multiply, 14. boundary, 15. determinant, 16. shift

17. He was impressed by the range and \_\_\_\_\_ of the collection.  
*n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
18. My mother's illness had a \_\_\_\_\_ impact on us all.  
*adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
19. Finding a safe and \_\_\_\_\_ neighborhood is important when looking for a new place to live.  
*adj.* capable of being lived in comfortably and sustainably; suitable for human habitation
20. This machine is too difficult to \_\_\_\_\_ for me.  
*v.* to work in a particular way; to supervise something
21. These gas nebulas are merely newborn galactic \_\_\_\_\_.  
*n.* the most essential or fundamental part of something
22. The rise and fall of \_\_\_\_\_ can be studied through history and archaeology.  
*n.* a complex and highly organized society that has developed over time and has a dominant culture, including features such as language, religion, government, technology, and social customs
23. The team's winning streak was \_\_\_\_\_.  
*adj.* impossible to stop or prevent
24. With careful planning and hard work, she was able to \_\_\_\_\_ in her new business venture.  
*v.* to be successful or thriving, especially financially; to grow and develop well; to flourish

ANSWERS: 17. diversity, 18. profound, 19. livable, 20. operate, 21. cores, 22. civilizations, 23. unstoppable, 24. prosper

25. The plants in the \_\_\_\_\_ require special care and attention.
- n.* a heated and artificially controlled environment used for the cultivation of plants or the raising of animals; a place of intense activity or pressure; (verb) to push or force its rapid growth or development, typically in a controlled or intensely managed environment
26. The \_\_\_\_\_ announcing an enemy attack went off this morning.
- n.* a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger
27. I \_\_\_\_\_ around for years in Europe before going to university.
- v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
28. I always put a \_\_\_\_\_ mark next to the items on my grocery list after buying them.
- n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
29. He studied the \_\_\_\_\_ of radiation.
- n.* the science of matter and energy and their interactions
30. She received her \_\_\_\_\_ in psychology from the university.
- n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
31. The \_\_\_\_\_ of severe weather prompted the city to issue an evacuation warning.
- 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

ANSWERS: 25. hothouse, 26. alarm, 27. drifted, 28. tick, 29. physics, 30. degree, 31. threat

32. In this class, you will learn how to solve quadratic \_\_\_\_\_.
- n.* the act of regarding as equal; (mathematics) a statement that expresses the equality of two expressions by connecting them with the equals sign
33. The president declared a state of \_\_\_\_\_.
- n.* a sudden unforeseen crisis usually involving danger that requires immediate action
34. We must manage to \_\_\_\_\_ our expenditure.
- v.* to control something, especially by means of rules or laws
35. My father's death \_\_\_\_\_ my life completely.
- v.* to change in outward structure or looks;
36. There's no \_\_\_\_\_ in his description.
- n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments
37. You might need to \_\_\_\_\_ this point.
- v.* to enhance something, particularly sound or brightness
38. We are responsible for the care and \_\_\_\_\_ of all our employees.
- n.* the state of being happy and healthy and prosperous
39. Without investment, a business cannot \_\_\_\_\_.
- v.* to grow vigorously; to make steady progress
40. The sponge \_\_\_\_\_ water well.
- v.* to take in a fluid or other substance gradually

ANSWERS: 32. equations, 33. emergency, 34. regulate, 35. transformed, 36. logic, 37. amplify, 38. well-being, 39. thrive, 40. absorbs

41. The vessel ran aground on a \_\_\_\_\_.

*n.* a long chain or range of rocks or sand near the ocean's surface

42. The statement had a \_\_\_\_\_ impact on house prices.

*adj.* very sudden, very excellent, or full of action and excitement

43. I decided to seek counseling on the advice of my \_\_\_\_\_.

*n.* one of a group of a coworker, especially in a profession or a business

44. The recipe calls for four cups of flour \_\_\_\_\_ one tablespoon.

*adj.* subtracting or taking away; having a value less than zero

45. The rain helped \_\_\_\_\_ the flames of the campfire.

*v.* to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement

46. The \_\_\_\_\_ of the ice age have shaped Fjord.

*n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

47. \_\_\_\_\_ is crucial to soil stability in arctic areas.

*n.* a layer of soil that is permanently below freezing, usually in polar regions

48. \_\_\_\_\_ and weather have an impact on every part of our lifestyles.

*n.* the weather in a particular location averaged over some long period

49. The \_\_\_\_\_ to launch began as the astronauts prepared for their mission.

*n.* a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

ANSWERS: 41. reef, 42. dramatic, 43. colleague, 44. minus, 45. dampen, 46. glaciers, 47. Permafrost, 48. Climate, 49. countdown



50. He \_\_\_\_\_ back in time to the soccer game.

*v.* to move along very quickly; (noun) the act of rising upward into the air

51. Human conservation efforts often fail unexpectedly because they disturb the balance of the \_\_\_\_\_.

*n.* all the plants and living creatures in an area and the way they affect each other and the environment

52. The stock market has been in a \_\_\_\_\_ trend for the past month.

*adj.* moving towards a lower position or a lower level

53. I attempted to \_\_\_\_\_ him, but he ignored me.

*v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future

54. Please \_\_\_\_\_ the thread onto the reel.

*v.* to make something, such as a film or tape, go back to the beginning

55. The bubbling mud in the hot spring occasionally \_\_\_\_\_ up a foul odor.

*v.* to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion

56. We have to seek methods to \_\_\_\_\_ its fossil fuel economy.

*v.* to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy

57. The \_\_\_\_\_ of the country is struggling due to the recent political instability.

*n.* the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

ANSWERS: 50. zoomed, 51. ecosystem, 52. downward, 53. warn, 54. rewind, 55. belch, 56. decarbonize, 57. economy

58. The long \_\_\_\_\_ was filled with people rushing to get to their rooms before the meeting began.
- n.* a hallway or passageway, especially one connecting rooms or areas within a building or structure
59. This weather pattern is unique to the southern \_\_\_\_\_.
- n.* half of the terrestrial globe; half of a sphere
60. We need to \_\_\_\_\_ this proposal as soon as the budget is more apparent than before.
- v.* to go to a place again, especially after a long period
61. He got an electric \_\_\_\_\_ at work.
- n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
62. I am \_\_\_\_\_ opposed to his idea because of morality.
- adv.* without restriction or limitation; completely or utterly
63. \_\_\_\_\_ is the foundation of our economy.
- n.* the practice or science of cultivating the land or raising stock
64. The extinction rate of aquatic animals was \_\_\_\_\_.
- adj.* extremely harmful; causing physical or financial destruction
65. The forest fire continued to \_\_\_\_\_ out of control, threatening nearby homes.
- v.* to burst into flame or light up intensely; to move in a trailblazing manner; to shine brightly or conspicuously

ANSWERS: 58. corridor, 59. hemisphere, 60. revisit, 61. shock, 62. absolutely, 63. Agriculture, 64. catastrophic, 65. blaze

66. He worked at the \_\_\_\_\_ of behavioral economics.

*n.* a border that separates two countries, or the area near this line

67. Understanding unitary \_\_\_\_\_ of a normal matrix require considerable mathematical sophistication.

*n.* a complete change in form, nature, or appearance of someone or something

68. It was the \_\_\_\_\_ of a dinosaur tooth.

*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

69. The government should do more to support environmentally \_\_\_\_\_ agriculture.

*adj.* able to continue or be continued for a long time

70. The car suddenly \_\_\_\_\_ forward as we hit a pothole.

*v.* to make a sudden, abrupt movement; to stagger or sway unsteadily; to experience a sudden change or reversal; (noun) a sudden, unsteady, or awkward movement or motion, often to one side or another

71. Relations between the two countries have been relatively \_\_\_\_\_ due to the summit meeting.

*adj.* firm and steady; not easily moved, disturbed, or changed

72. The destruction of the \_\_\_\_\_ is a ticking time bomb for the Earth.

*n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

73. He was known to be very \_\_\_\_\_ and would often work late into the night.

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

ANSWERS: 66. frontier, 67. transformations, 68. fossil, 69. sustainable, 70. lurched, 71. stable, 72. rainforest, 73. industrious

74. The incident \_\_\_\_\_ a political controversy.

- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

75. One light year is nearly 6 \_\_\_\_\_ miles.

- n.* the number 1,000,000,000,000; a million million

76. The hurricane left many coastal areas \_\_\_\_\_ for a long time.

- adj.* not suitable or safe for people to live in; lacking the necessary conditions for human habitation

77. Trees absorb \_\_\_\_\_ dioxide and give off oxygen.

- n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

78. The Chinese word for \_\_\_\_\_ comprises two characters, one for danger and the other for opportunity.

- n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

79. The police placed a \_\_\_\_\_ across the street to halt traffic.

- n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

80. The company was fined for \_\_\_\_\_ environmental regulations.

- v.* to break the law or moral code; to go beyond or exceed the limits or boundaries of something

81. The country was instrumental in promoting the \_\_\_\_\_ treaty.

- n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

ANSWERS: 74. triggered, 75. trillion, 76. uninhabitable, 77. carbon, 78. crisis, 79. barrier, 80. transgressing, 81. biodiversity

82. Each chapter \_\_\_\_\_ the most critical issues.  
*v.* to give a brief statement of the most important facts or ideas about something
83. Cold temperatures and long, dark winters characterize the \_\_\_\_\_ climate.  
*adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
84. The political crisis \_\_\_\_\_ the country and caused widespread turmoil.  
*v.* to cause something to become less stable or secure
85. The \_\_\_\_\_ scarcity most severely impacted the manufacturing sector  
*n.* a substance that is typically burned to generate heat or energy
86. The bird had a beautiful \_\_\_\_\_ on its head.  
*n.* a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat
87. His reaction was one of complete \_\_\_\_\_.  
*n.* the feeling of not being able to believe or accept that something is true or real
88. The \_\_\_\_\_ on the flight was very helpful in assisting passengers with their needs.  
*n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.
89. He \_\_\_\_\_ when he heard that he had been accepted into the university.  
*v.* to turn over into a different position quickly; to throw or toss with a light motion
90. The tower proved to be \_\_\_\_\_ in the high wind.  
*adj.* lacking solidity, persistence, or firmness and therefore not strong, safe, or likely to continue; lacking control of one's emotions

ANSWERS: 82. summarizes, 83. arctic, 84. destabilized, 85. fuel, 86. plume, 87. disbelief, 88. steward, 89. flipped, 90. unstable

91. There are five distinct \_\_\_\_\_ at five unique wavelengths.

*n.* the act of production or sending out gas, heat, light, etc.

92. We \_\_\_\_\_ along with the singer's song.

*v.* to hit your hands together and make a short and loud noise, mainly to show your approval or praise

93. Nevada is \_\_\_\_\_ a desert state.

*adv.* virtually entirely; to a large degree

94. Her resistance \_\_\_\_\_ under his persuasion.

*v.* to turn from something solid into something soft or liquid as a result of heating

95. He was reluctant to leave his comfort \_\_\_\_\_ and try something new.

*n.* a specific area, region, or section that is marked off or defined in some way

96. These heavy rains caused flash \_\_\_\_\_ on several islands.

*n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount

97. The \_\_\_\_\_ of water is called ice.

*adj.* hard or firm; characterized by good substantial quality

98. She is a \_\_\_\_\_ person and has always bounced back from setbacks.

*adj.* able to withstand or recover quickly from difficult conditions

99. The \_\_\_\_\_ pace of the negotiations frustrated both parties.

*adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

ANSWERS: 91. emissions, 92. clapped, 93. largely, 94. melted, 95. zone, 96. floods, 97. solid-state, 98. resilient, 99. glacial

100. The \_\_\_\_\_ of the magazine has been steadily declining.

- n.* the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold

101. The sun was beginning to \_\_\_\_\_ the frozen ground.

- v.* to become less rigid or hostile; to melt, soften, or become more friendly

102. The raising of interest rates \_\_\_\_\_ the inflation rate.

- v.* to become or cause to become steady or unlikely to give way

103. As people age, their digestive capacity also gradually \_\_\_\_\_.

- v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept

104. He has terminal \_\_\_\_\_ cancer.

- n.* either of the two organs in the chest that people and some animals use for breathing

105. Mercury is the closest \_\_\_\_\_ to the sun.

- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 100. circulation, 101. thaw, 102. stabilizes, 103. declines, 104. lung, 105. planet