

# Englist.me



## Vocabulary Builder Reference from...

*Marc Abrahams: A science award that makes you laugh, then think | TED Talk*

[https://www.ted.com/talks/marc\\_abrahams\\_a\\_scienc\\_e\\_award\\_that\\_makes\\_you\\_laugh\\_then\\_think](https://www.ted.com/talks/marc_abrahams_a_scienc_e_award_that_makes_you_laugh_then_think)

### All Words

#### IMPORTANT

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## Session 1: Word List

### invention

*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

*synonym*: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**  
Necessity is the mother of **invention**.

### patent

*n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted

*synonym*: copyright, trademark, license

(1) **patent** application, (2) **patent** law

The company has filed for a **patent** to protect its new invention.

### device

*n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

*synonym*: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

## assist

*v.* to help someone in doing anything

*synonym*: help, support, aid

(1) **assist** a patient, (2) **assist** his goal

Please **assist** her with the furniture relocation.

## consist

*v.* to be composed or made up of

*synonym*: lie in, comprise, exist

(1) **consist** mainly of cells, (2) **consist** only in knowing facts

This examination **consists** of five problems to solve.

## machinery

*n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

*synonym*: apparatus, appliance, equipment

(1) heavy **machinery**, (2) inactive **machinery**

The **machinery** of audit formally issued a business improvement order.

## strap

*n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport

*synonym*: band, belt, sling

(1) leather **strap**, (2) camera **strap**

The athlete tightened the **strap** on his running shoes before the race.

## rot

*v.* to decay, or cause something to decay, naturally and gradually

*synonym*: perish, decay, corrode

(1) begin to **rot**, (2) **rot** with age

Please refrigerate the meat, or it will **rot**.

## centrifugal

*adj.* tending or acting to move away from a center; relating to or operating by means of this force; deviating or diverging from a common point or central idea

*synonym* : outward, diverging, radiating

(1) **centrifugal** acceleration, (2) **centrifugal** casting

The **centrifugal** force of the spinning ride caused my hair to fly in all directions.

## engineer

*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

*synonym* : architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

## background

*n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

*synonym* : ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**

The company's hiring criteria emphasize personality, not a person's **background**.

## talent

*n.* a natural ability to be good at something; someone who has a natural ability to be good at something

*synonym* : endowment, aptitude, capability

(1) a person of diverse **talents**, (2) raw **talent**

Numerous great professional sports **talents** have come from this city.

## decide

*v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

*synonym* : choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

## adequate

*adj.* enough, acceptable, satisfactory for a particular purpose or need

*synonym* : enough, acceptable, able

(1) **adequate** parking facilities, (2) provide **adequate** funding

This argument is still not **adequate**.

## woodpecker

*n.* a type of bird characterized by its habit of tapping or drumming against tree trunks with its strong beak, known for its ability to excavate holes in tree trunks and branches for nesting and foraging purposes

*synonym*: pecker, timberdoodle

(1) **woodpecker** nest, (2) **woodpecker** feeding

I spotted a **woodpecker** drilling for insects in the trunk of an old oak tree.

## headache

*n.* pain in the head; someone or something that causes anxiety or trouble

*synonym*: concern, difficulty, problem

(1) **headache** accompanied by fever, (2) bit of a **headache**

This pill will relieve your **headaches** immediately.

## brain

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

*synonym*: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

## skull

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

*synonym*: cranium, scalp, brain

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

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

## 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.

**peck**

v. to strike or bite someone or something repeatedly, usually with the beak or bill; to give a quick, small kiss or nibble

*synonym* : beak, nibble, pick

(1) **peck** on the cheek, (2) **peck** at feed

The wood **pecker** would peck at the tree high up in the branches.

**bang**

v. to hit or cause to hit something in a way that makes a loud noise

*synonym* : crash, hit, smash

(1) **bang** his fist on a desk, (2) **bang** a phone down

My father tried to **bang** mathematics into my head since childhood.

**slight**

*adj.* very small in degree or amount

*synonym* : feeble, nuanced, subtle

(1) feel a **slight** concern, (2) **slight** increase

We made **slight** modifications to reflect the views of both sides.

**slosh**

v. to move the liquid around, usually inside a container, with a splashing or slapping sound; to move clumsily through water or mud

*synonym* : splash, swish, slop

(1) **slosh** through the mud, (2) **slosh** a drink

The water **sloshed** over the edge of the bucket and spilled onto the floor.

**tight**

*adj.* fixed, fastened, or kept together firmly or closely

*synonym* : closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget

The national election was held amid **tight** security.

**relate**

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel

sympathy with someone or something

*synonym* : connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

## medical

*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

*synonym* : health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

## journal

*n.* a newspaper or magazine specialized in a specific topic or profession

*synonym* : periodical, diary, bulletin

(1) scientific **journal**, (2) **journal** articles

The physician is reading the **journals** related to medicine

## lancet

*n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures

*synonym* : scalpel, blade, surgical instrument

(1) **lancet** device, (2) surgical **lancet**

The doctor used a **lancet** for a small incision on the patient's skin.

## prick

*v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

*synonym* : poke, jab, sting

(1) **prick** a balloon, (2) **prick** up her ears

He accidentally **pricked** his finger with the needle.

## putrid

*adj.* decaying or rotting and emitting a foul or offensive odor; morally corrupt, foul, or depraved; repulsive or disgusting

*synonym* : rotten, decaying, decomposing

(1) turn **putrid**, (2) **putrid** atmosphere

I had to throw away the **putrid** food in the fridge because it had gone bad.

## patient

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

*synonym*: client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss

The doctor carefully examined the **patient's** medical history.

## process

*n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

*synonym*: procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

## nurse

*n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

*synonym*: healthcare worker, caregiver, medic

(1) **nurse** practitioner, (2) a volunteer **nurse**

The night shift **nurse** checked my vital signs before administering the medication.

## intolerable

*adj.* incapable of being tolerated or endured; unacceptable

*synonym*: agonizing, insufferable, unbearable

(1) **intolerable** situation, (2) the heat is **intolerable**

Chronic pain from the side effects of treatment made her life **intolerable**.

## mystery

*n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

*synonym* : enigma, puzzle, secret

(1) **mystery** novel, (2) unsolved **mystery**

The **mystery** surrounding the disappearance of the traveler has yet to be solved by authorities.

## tradition

*n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

*synonym* : custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

## injury

*n.* harm done to a person's or an animal's body caused by an accident or an attack

*synonym* : wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

## discovery

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

*synonym* : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

## experiment

*n.* the scientific test conducted to observe what happens and gain new knowledge

*synonym* : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.



## graphic

*adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful

*synonym*: illustrative, picturesque, visual

(1) **graphic** design, (2) a **graphic** description of an accident

The **graphic** novel was a masterpiece with stunning illustrations that brought the story to life.

## survive

*v.* to live or exist despite a dangerous event or period

*synonym*: endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

## deserve

*v.* to be worthy of or entitled to something, especially something good or valuable

*synonym*: merit, earn, justify

(1) **deserve** respect, (2) **deserve** this prize

The employee **deserved** the promotion for their hard work and dedication.

## bunch

*n.* a grouping of several similar things which are growing or fastened together

*synonym*: group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

## ceremony

*n.* a formal event or ritual, often religious or solemn

*synonym*: ritual, rite, observance

(1) **ceremony** hall, (2) **ceremony** location

The wedding **ceremony** was a beautiful and emotional event.

## criteria

*n.* (plural of criterion) standards or conditions by which something may be judged or decided

*synonym*: bars, benchmarks, standards

(1) **criteria** for action, (2) consistency **criteria**

He didn't meet all the **criteria**, but he was hired anyway.

## encounter

*v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

*synonym*: meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm

I'm prepared to **encounter** challenges throughout this adventure.

## reaction

*n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

*synonym*: response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

## rattle

*v.* to make or cause to make short, successive, sharp, and loud sounds

*synonym*: jolt, shake, babble

(1) **rattle** along a road, (2) **rattle** and bang at the door

The vast earthquake caused the house to **rattle**.

## nomination

*n.* the act or process of formally proposing someone for election or appointment to a position, office, or award; the act of designating or selecting someone for a particular role or purpose

*synonym*: designation, appointment, selection

(1) **nomination** process, (2) **nomination** list

The actress received a **nomination** for her passionate portrayal of a character in the critically-acclaimed film.

## consistent

*adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.

*synonym*: coherent, constant, compatible

(1) do on a **consistent** basis, (2) get **consistent** results

You are not **consistent** in your behavior.

## nominate

v. to propose someone for a position, especially in politics or an organization, or some honor

*synonym* : appoint, designate, elect

(1) **nominate** him for an award, (2) **nominate** government representatives

The organization **nominated** her to be the next president.

## nominee

n. a person who is proposed as a candidate or contender for a position, award, or honor

*synonym* : candidate, contender, applicant

(1) oscar **nominee**, (2) presidential **nominee**

The **nominee** for the upcoming election vows to make positive changes in their community.

## numerical

*adj.* relating to, expressed, or denoted by a number

*synonym* : quantitative, numeral, mathematical

(1) 3D **numerical** simulation, (2) the **numerical** keypad

The **numerical** value of Pi is approximately 3.14.

## 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**.

## handmade

*adj.* made by hand rather than by machine or mass production methods; crafted manually or using traditional methods

*synonym* : handcrafted, homemade, artisanal

(1) **handmade** crafts, (2) **handmade** soap

The jewelry was all **handmade** by local artisans using traditional techniques.

## scrape

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

*synonym* : scratch, graze, rub

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

## 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.

## adventure

*n.* a journey or a series of events that is unusual, exciting, or dangerous

*synonym* : experience, happening, incident

(1) gastronomic **adventures**, (2) **adventure** film

He sailed the Atlantic Ocean multiple times during his **adventures**.

## inflation

*n.* a general and progressive increase in prices;  
(cosmology) a theory of the exponential expansion of space in the early universe; the act of filling something with air

*synonym* : increase, swelling, boom

(1) **inflation** control, (2) global **inflation**

Investment in index funds can often be a hedge against **inflation**.

## denomination

*n.* a religious group or branch, usually including many local churches; a value or size of a banknote, coin, or postage stamp

*synonym* : sect, faith, creed

(1) a religious **denomination**, (2) notes of small **denomination**

He flashed a fistful of large **denomination** bills.

## responsible

*adj.* answerable or accountable for something within one's power, control, or management

*synonym* : accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

## nation

*n.* a large organized community of people living in a particular country or region and having a particular culture

*synonym*: country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and advanced technology.

## mathematics

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

*synonym*: arithmetic, calculation, calculus

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

He has a flair for **mathematics**.

## invitation

*n.* a spoken or written request to participate or be present or take part in something

*synonym*: request, asking, proposal

(1) a letter of **invitation**, (2) **invitation** of foreign investment  
I will be very happy to accept your **invitation**.

## jam

*n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

*synonym*: difficulty, mess, preserve

(1) a traffic **jam**, (2) a jar of **jam**

The shredder in the print room often has paper **jams**.

## gill

*n.* a respiratory organ of fish and some other aquatic animals that extracts dissolved oxygen from water and excretes carbon dioxide

*synonym*: respiratory organ, lung

(1) **gill** slits, (2) **gill** apparatus

The fish's **gills** are necessary for extracting oxygen from the

water.

## laureate

*n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

(1) Oscar **laureate**, (2) poet **laureate**

The Nobel **laureate** delivered an inspiring speech to the graduating class.

## announce

*v.* to make something known or officially inform people about something

*synonym*: disclose, declare, broadcast

(1) **announce** candidacy, (2) **announce** the award winners

The third season of the anime show has been **announced**.

## peter

*v.* to fail or lose power, efficiency, or value gradually before coming to an end

*synonym*: decrease, drop, lower

(1) eventually **peter** out, (2) begin to **peter** out

The music just **petered** out.

## guinea

*n.* a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic

*synonym*: coin, money, currency

(1) **guinea** coins, (2) **guinea** pig

The cost of the antique vase is three **guineas**.

## surprisingly

*adv.* in a way that causes amazement or wonder

*synonym*: exceptionally, notably, unusually

(1) **surprisingly** advanced culture, (2) have **surprisingly** little effect

The exam was **surprisingly** tricky for everyone.

## coconut

*n.* the large, hard-shelled seed of a tropical palm, which has a fibrous husk surrounding a single-seeded nut

(1) **coconut** milk, (2) **coconut** oil

He cracked open a **coconut** to drink the milk.

## highland

*adj.* an area of elevated land or hilly terrain

*synonym*: upland, plateau

(1) **highland** Indian, (2) **highland** agriculture

This region has a humid subtropical and **highland** climate.

## 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**.

## weigh

*v.* to have a particular weight; to carefully evaluate things before making a conclusion

*synonym*: consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo

The baby **weighs** 1 pound 3 oz.

## pound

*n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

(1) three-fourths of a **pound**, (2) thousands of **pounds**

The car's front bumper cost fifteen hundred **pounds**.

## colonoscopy

*n.* a medical procedure in which a flexible tube with a camera on its end is inserted into the rectum to examine the colon for potential abnormalities or diseases

*synonym*: colon examination, bowel scope, colonography

(1) **colonoscopy** screening, (2) virtual **colonoscopy**

He had to undergo a **colonoscopy** as part of his routine medical check-up.

## **fellow**

*adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you

*synonym* : buddy, mate, affiliate

(1) junior **fellow**, (2) nice **fellow**

He is the kind of **fellow** who only works for his success.

## **minimize**

*v.* to make something, especially something bad, small or less serious

*synonym* : diminish, mitigate, belittle

(1) **minimize** a loss, (2) way to **minimize** conflict

I bought a gadget before my trip to help **minimize** stress during the flight.

## **explode**

*v.* to burst or break open violently and noisily; to cause something to burst or break open

*synonym* : detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

## **technique**

*n.* 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.

## **difficulty**

*n.* a condition or state that causes problems

*synonym* : hardship, complication, problem

(1) the degree of **difficulty**, (2) **difficulty** in breathing

He has **difficulty** exercising because of a back injury sustained in an accident.

## **inflate**

*v.* to fill something with air or gas so that it becomes bigger and rounder

*synonym* : blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports



She **inflated** the balloons for the party.

## methane

*n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel

(1) atmospheric **methane**, (2) reduce **methane** emissions

The ignition of **methane** gas in the plant killed five employees.

## oxygen

*n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

## flammable

*adj.* able to burn easily

*synonym*: combustible, ignitable, incendiary

(1) **flammable** atmosphere, (2) non- **flammable** fiber

The warning labels indicated that the product was highly **flammable**.

## brass

*n.* a metal alloy of copper and zinc; a yellowish color; a group of wind instruments made of brass

*synonym*: metal, alloy, copper

(1) **brass** section, (2) **brass** instruments

The **brass** band was performing at the parade.

## 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**.

## separate

*v.* to force, take, or pull apart; mark as different

*synonym*: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

## mask

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

*synonym*: disguise, camouflage, conceal

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

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

## bystander

*n.* a person who witnesses an event or situation but does not actively participate or intervene

*synonym*: spectator, observer, witness

(1) innocent **bystander**, (2) shocked **bystander**

The **bystander** effect is a phenomenon where people are less likely to intervene in an emergency if others are present.

## victim

*n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event

*synonym*: prey, target, sufferer

(1) **victim** support, (2) **victim** compensation

The **victim** of the crime deserves justice and support to recover from the trauma.

## meltdown

*n.* a severe overheating of the core of a nuclear reactor resulting in the core melting and radiation escaping; a situation in which something fails or weakens suddenly or dramatically

*synonym*: collapse, disaster, failure

(1) **meltdown** disaster, (2) economic **meltdown**

The nuclear **meltdown** in the country was a disaster with far-reaching consequences.

## particle

*n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

*synonym*: atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

## unexpected

*adj.* not anticipated or regarded as likely to happen

*synonym*: surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events

The **unexpected** rainstorm caused the collapse of the corral.

## infant

*n.* a baby or very young child

*synonym*: baby, newborn, tot

(1) **infant** daughter, (2) **infant** food

Mozart was an **infant** prodigy.

## bra

*n.* a woman's undergarment designed to support the breasts

*synonym*: brassiere, undergarment, bustier

(1) push-up **bra**, (2) sports **bra**

She bought a new **bra** that was comfortable and supportive for all-day wear.

## prototype

*n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed

*synonym*: mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**

The flying car is presently in the **prototype** stage.

## demonstrate

*v.* to display something or give an exhibition to an interested audience

*synonym*: show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

## economics

*n.* the branch of social science that deals with the production, consumption, and transfer of goods and services

*synonym*: social science, finance, business

(1) welfare **economics**, (2) **economics** professor

His class will cover an introduction to agricultural **economics**.

## **physics**

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

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

He studied the **physics** of radiation.

## Session 2: Spelling

- |                                       |                                                                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. without in___y                     | <i>n.</i> harm done to a person's or an animal's body caused by an accident or an attack                                                                                 |
| 2. early pr_____pe                    | <i>n.</i> a first or preliminary example of something such as a device or vehicle from which other forms are developed                                                   |
| 3. virtual col_____py                 | <i>n.</i> a medical procedure in which a flexible tube with a camera on its end is inserted into the rectum to examine the colon for potential abnormalities or diseases |
| 4. ra___e along a road                | <i>v.</i> to make or cause to make short, successive, sharp, and loud sounds                                                                                             |
| 5. some une_____ed events             | <i>adj.</i> not anticipated or regarded as likely to happen                                                                                                              |
| 6. the great di_____ry of the century | <i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known                                    |
| 7. thousands of po__ds                | <i>n.</i> the standard unit of money in the UK; the standard unit of weight equal to 16 ounces                                                                           |
| 8. fl_____le atmosphere               | <i>adj.</i> able to burn easily                                                                                                                                          |
| 9. the degree of dif_____ty           | <i>n.</i> a condition or state that causes problems                                                                                                                      |
| 10. sl__h through the mud             | <i>v.</i> to move the liquid around, usually inside a container, with a splashing or slapping sound; to move clumsily through water or mud                               |

ANSWERS: 1. injury, 2. prototype, 3. colonoscopy, 4. rattle, 5. unexpected, 6. discovery, 7. pound, 8. flammable, 9. difficulty, 10. slosh

- |                                    |                                                                                                                                                                                                                                                                        |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11. a ti__t game                   | <i>adj.</i> fixed, fastened, or kept together firmly or closely                                                                                                                                                                                                        |
| 12. dif_____ty in breathing        | <i>n.</i> a condition or state that causes problems                                                                                                                                                                                                                    |
| 13. eventually pe__r out           | <i>v.</i> to fail or lose power, efficiency, or value gradually before coming to an end                                                                                                                                                                                |
| 14. co_____t only in knowing facts | <i>v.</i> to be composed or made up of                                                                                                                                                                                                                                 |
| 15. turn pu___d                    | <i>adj.</i> decaying or rotting and emitting a foul or offensive odor; morally corrupt, foul, or depraved; repulsive or disgusting                                                                                                                                     |
| 16. series of exp_____nts          | <i>n.</i> the scientific test conducted to observe what happens and gain new knowledge                                                                                                                                                                                 |
| 17. co_____t oil                   | <i>n.</i> the large, hard-shelled seed of a tropical palm, which has a fibrous husk surrounding a single-seeded nut                                                                                                                                                    |
| 18. em_____cy action               | <i>n.</i> a sudden unforeseen crisis usually involving danger that requires immediate action                                                                                                                                                                           |
| 19. welfare ec_____cs              | <i>n.</i> the branch of social science that deals with the production, consumption, and transfer of goods and services                                                                                                                                                 |
| 20. poet la_____te                 | <i>n.</i> a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work |
| 21. presidential no_____e          | <i>n.</i> a person who is proposed as a candidate or contender for a position, award, or honor                                                                                                                                                                         |

ANSWERS: 11. tight, 12. difficulty, 13. peter, 14. consist, 15. putrid, 16. experiment, 17. coconut, 18. emergency, 19. economics, 20. laureate, 21. nominee

22. three-fourths of a po\_\_d                    *n.*    the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
23. have a thick sk\_\_l                        *n.*    a bone framework that surrounds the brain and gives the head its shape
24. bit of a he\_\_\_\_he                        *n.*    pain in the head; someone or something that causes anxiety or trouble
25. pr\_\_k up her ears                         *v.*    to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
26. g\_\_l slits                                  *n.*    a respiratory organ of fish and some other aquatic animals that extracts dissolved oxygen from water and excretes carbon dioxide
27. Oscar la\_\_\_\_te                         *n.*    a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
28. se\_\_\_\_te cream from milk             *v.*    to force, take, or pull apart; mark as different
29. chemical re\_\_\_\_on                      *n.*    a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

ANSWERS: 22. pound, 23. skull, 24. headache, 25. prick, 26. gill, 27. laureate, 28. separate, 29. reaction

30. pa\_\_\_t law *n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted
31. br\_\_s instruments *n.* a metal alloy of copper and zinc; a yellowish color; a group of wind instruments made of brass
32. he\_\_\_\_\_he accompanied by fever *n.* pain in the head; someone or something that causes anxiety or trouble
33. woo\_\_\_\_\_er feeding *n.* a type of bird characterized by its habit of tapping or drumming against tree trunks with its strong beak, known for its ability to excavate holes in tree trunks and branches for nesting and foraging purposes
34. pu\_\_\_d atmosphere *adj.* decaying or rotting and emitting a foul or offensive odor; morally corrupt, foul, or depraved; repulsive or disgusting
35. many tr\_\_\_\_\_ons of dollars *n.* the number 1,000,000,000,000; a million million
36. begin to pe\_\_r out *v.* to fail or lose power, efficiency, or value gradually before coming to an end
37. permanent br\_\_n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
38. we\_\_h heavily on stock prices *v.* to have a particular weight; to carefully evaluate things before making a conclusion

ANSWERS: 30. patent, 31. brass, 32. headache, 33. woodpecker, 34. putrid, 35. trillion, 36. peter, 37. brain, 38. weigh



39. res\_\_\_\_\_le action *adj.* answerable or accountable for something within one's power, control, or management
40. pa\_\_\_\_\_le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
41. ex\_\_\_\_\_e in anger *v.* to burst or break open violently and noisily; to cause something to burst or break open
42. have sur\_\_\_\_\_gly little effect *adv.* in a way that causes amazement or wonder
43. the in\_\_\_\_\_on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
44. sc\_\_\_\_\_e a hole in the ground *v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
45. co\_\_\_\_\_t milk *n.* the large, hard-shelled seed of a tropical palm, which has a fibrous husk surrounding a single-seeded nut
46. sur\_\_\_\_\_gly advanced culture *adv.* in a way that causes amazement or wonder
47. de\_\_\_\_\_e respect *v.* to be worthy of or entitled to something, especially something good or valuable
48. col\_\_\_\_\_py screening *n.* a medical procedure in which a flexible tube with a camera on its end is inserted into the rectum to examine the colon for potential abnormalities or diseases

ANSWERS: 39. responsible, 40. particle, 41. explode, 42. surprisingly, 43. invention, 44. scrape, 45. coconut, 46. surprisingly, 47. deserve, 48. colonoscopy

49. in\_\_\_t food *n.* a baby or very young child
50. tr\_\_\_\_\_on cubic feet *n.* the number 1,000,000,000,000; a million million
51. en\_\_\_\_\_er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
52. a tr\_\_\_\_\_on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
53. get con\_\_\_\_\_nt results *adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
54. dem\_\_\_\_\_te a difference *v.* to display something or give an exhibition to an interested audience
55. in\_\_\_\_\_e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
56. the heat is int\_\_\_\_\_le *adj.* incapable of being tolerated or endured; unacceptable
57. en\_\_\_\_\_er a crisis *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
58. pr\_\_k a balloon *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
59. scientific jo\_\_\_\_\_l *n.* a newspaper or magazine specialized in a specific topic or profession

ANSWERS: 49. infant, 50. trillion, 51. engineer, 52. tradition, 53. consistent, 54. demonstrate, 55. inflate, 56. intolerable, 57. encounter, 58. prick, 59. journal

60. laws of ph\_\_\_\_s                      *n.* the science of matter and energy and their interactions
61. p\_\_k on the cheek                    *v.* to strike or bite someone or something repeatedly, usually with the beak or bill; to give a quick, small kiss or nibble
62. vi\_\_\_\_m compensation              *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
63. my\_\_\_\_y novel                      *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
64. mi\_\_\_\_ze a loss                      *v.* to make something, especially something bad, small or less serious
65. a good grounding in mat\_\_\_\_cs    *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
66. a te\_\_\_\_ue in martial arts        *n.* a particular way or art of doing something that needs skill
67. a bu\_\_h of trees                      *n.* a grouping of several similar things which are growing or fastened together
68. global in\_\_\_\_on                      *n.* a general and progressive increase in prices; (cosmology) a theory of the exponential expansion of space in the early universe; the act of filling something with air

ANSWERS: 60. physics, 61. peck, 62. victim, 63. mystery, 64. minimize, 65. mathematics, 66. technique, 67. bunch, 68. inflation

69. gastronomic ad\_\_\_\_\_res *n.* a journey or a series of events that is unusual, exciting, or dangerous
70. hi\_\_\_\_\_nd agriculture *adj.* an area of elevated land or hilly terrain
71. nu\_\_e practitioner *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
72. electronic de\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
73. reduce me\_\_\_\_\_e emissions *n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
74. heavy ma\_\_\_\_\_ry *n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
75. an\_\_\_\_\_ce candidacy *v.* to make something known or officially inform people about something
76. br\_\_s section *n.* a metal alloy of copper and zinc; a yellowish color; a group of wind instruments made of brass
77. woo\_\_\_\_\_er nest *n.* a type of bird characterized by its habit of tapping or drumming against tree trunks with its strong beak, known for its ability to excavate holes in tree trunks and branches for nesting and foraging purposes

ANSWERS: 69. adventure, 70. highland, 71. nurse, 72. device, 73. methane, 74. machinery, 75. announce, 76. brass, 77. woodpecker

78. charged pa\_\_\_\_le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
79. the hydrogen binds the ox\_\_\_\_n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
80. nice fe\_\_\_\_w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
81. the te\_\_\_\_ue applied to construction *n.* a particular way or art of doing something that needs skill
82. p\_\_k at feed *v.* to strike or bite someone or something repeatedly, usually with the beak or bill; to give a quick, small kiss or nibble
83. exp\_\_\_\_nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
84. junior fe\_\_\_\_w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
85. no\_\_\_\_te government representatives *v.* to propose someone for a position, especially in politics or an organization, or some honor
86. in\_\_\_\_on control *n.* a general and progressive increase in prices; (cosmology) a theory of the exponential expansion of space in the early universe; the act of filling something with air
87. acute em\_\_\_\_cy *n.* a sudden unforeseen crisis usually involving danger that requires immediate action

ANSWERS: 78. particle, 79. oxygen, 80. fellow, 81. technique, 82. peck, 83. experiment, 84. fellow, 85. nominate, 86. inflation, 87. emergency

88. cen\_\_\_\_\_al casting *adj.* tending or acting to move away from a center; relating to or operating by means of this force; deviating or diverging from a common point or central idea
89. the nu\_\_\_\_\_al keypad *adj.* relating to, expressed, or denoted by a number
90. nom\_\_\_\_\_on process *n.* the act or process of formally proposing someone for election or appointment to a position, office, or award; the act of designating or selecting someone for a particular role or purpose
91. a person of diverse ta\_\_\_\_ts *n.* a natural ability to be good at something; someone who has a natural ability to be good at something
92. in\_\_\_\_\_e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
93. 3D nu\_\_\_\_\_al simulation *adj.* relating to, expressed, or denoted by a number
94. jo\_\_\_\_\_l articles *n.* a newspaper or magazine specialized in a specific topic or profession
95. sk\_\_l fracture *n.* a bone framework that surrounds the brain and gives the head its shape
96. gu\_\_\_\_a pig *n.* a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic
97. consistency cr\_\_\_\_\_ia *n.* (plural of criterion) standards or conditions by which something may be judged or decided

ANSWERS: 88. centrifugal, 89. numerical, 90. nomination, 91. talent, 92. inflate, 93. numerical, 94. journal, 95. skull, 96. guinea, 97. criteria

98. pa\_\_\_\_t in the hospital      *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
99. la\_\_\_\_t device      *n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures
100. ra\_\_\_\_e and bang at the door      *v.* to make or cause to make short, successive, sharp, and loud sounds
101. ad\_\_\_\_te parking facilities      *adj.* enough, acceptable, satisfactory for a particular purpose or need
102. a letter of inv\_\_\_\_on      *n.* a spoken or written request to participate or be present or take part in something
103. leather st\_\_p      *n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport
104. common in\_\_\_\_on      *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
105. a bu\_\_h of schoolgirls      *n.* a grouping of several similar things which are growing or fastened together
106. raw ta\_\_\_\_t      *n.* a natural ability to be good at something; someone who has a natural ability to be good at something

ANSWERS: 98. patient, 99. lancet, 100. rattle, 101. adequate, 102. invitation, 103. strap, 104. invention, 105. bunch, 106. talent

107. b\_\_g his fist on a desk  
*v.* to hit or cause to hit something in a way that makes a loud noise
108. nuclear ph\_\_\_\_s  
*n.* the science of matter and energy and their interactions
109. re\_\_\_\_ve factors  
*adj.* considered and evaluated through comparison with something else
110. a religious den\_\_\_\_\_\_ion  
*n.* a religious group or branch, usually including many local churches; a value or size of a banknote, coin, or postage stamp
111. co\_\_\_\_t mainly of cells  
*v.* to be composed or made up of
112. ec\_\_\_\_cs professor  
*n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
113. a me\_\_\_\_l opinion  
*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
114. lack of ox\_\_\_\_n  
*n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
115. pr\_\_\_\_s improvement  
*n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 107. bang, 108. physics, 109. relative, 110. denomination, 111. consist, 112. economics, 113. medical, 114. oxygen, 115. process



116. economic me\_\_\_\_\_wn *n.* a severe overheating of the core of a nuclear reactor resulting in the core melting and radiation escaping; a situation in which something fails or weakens suddenly or dramatically
117. gr\_\_\_\_\_c design *adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful
118. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
119. camera st\_\_p *n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport
120. inv\_\_\_\_\_on of foreign investment *n.* a spoken or written request to participate or be present or take part in something
121. push-up b\_a *n.* a woman's undergarment designed to support the breasts
122. su\_\_\_\_\_e a blizzard *v.* to live or exist despite a dangerous event or period
123. me\_\_\_\_\_wn disaster *n.* a severe overheating of the core of a nuclear reactor resulting in the core melting and radiation escaping; a situation in which something fails or weakens suddenly or dramatically

ANSWERS: 116. meltdown, 117. graphic, 118. brain, 119. strap, 120. invitation, 121. bra, 122. survive, 123. meltdown

124. sports b\_a *n.* a woman's undergarment designed to support the breasts
125. a jar of j\_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit
126. ty\_\_\_\_l leader *adj.* having the usual characteristics or traits of a specific group of things
127. cr\_\_\_\_ia for action *n.* (plural of criterion) standards or conditions by which something may be judged or decided
128. a fatal in\_\_\_\_y *n.* harm done to a person's or an animal's body caused by an accident or an attack
129. ex\_\_\_\_e in popularity *v.* to burst or break open violently and noisily; to cause something to burst or break open
130. a civil en\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
131. de\_\_\_e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
132. a seafaring na\_\_\_\_n *n.* a large organized community of people living in a particular country or region and having a particular culture
133. an oxygen m\_\_k *v.* to conceal something; (noun) a covering that you wear over your face to hide it
134. ce\_\_\_\_ny hall *n.* a formal event or ritual, often religious or solemn

ANSWERS: 124. bra, 125. jam, 126. typical, 127. criteria, 128. injury, 129. explode, 130. engineer, 131. decide, 132. nation, 133. mask, 134. ceremony

135. nom\_\_\_\_\_on list *n.* the act or process of formally proposing someone for election or appointment to a position, office, or award; the act of designating or selecting someone for a particular role or purpose
136. atmospheric me\_\_\_\_\_e *n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
137. temporary me\_\_\_\_\_l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
138. mat\_\_\_\_\_cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
139. su\_\_\_\_\_e a plane crash *v.* to live or exist despite a dangerous event or period
140. oscar no\_\_\_\_\_e *n.* a person who is proposed as a candidate or contender for a position, award, or honor
141. ha\_\_\_\_\_de soap *adj.* made by hand rather than by machine or mass production methods; crafted manually or using traditional methods
142. trigger a re\_\_\_\_\_on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
143. tracking de\_\_\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 135. nomination, 136. methane, 137. medical, 138. mathematics, 139. survive, 140. nominee, 141. handmade, 142. reaction, 143. device

144. no\_\_\_\_\_te him for an award      *v.* to propose someone for a position, especially in politics or an organization, or some honor
145. se\_\_\_\_\_te video into chapter      *v.* to force, take, or pull apart; mark as different
146. de\_\_\_\_\_e in quality      *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
147. we\_\_h a cargo      *v.* to have a particular weight; to carefully evaluate things before making a conclusion
148. a scientific di\_\_\_\_\_ry      *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
149. dem\_\_\_\_\_te mastery      *v.* to display something or give an exhibition to an interested audience
150. ad\_\_\_\_\_re film      *n.* a journey or a series of events that is unusual, exciting, or dangerous
151. non-fl\_\_\_\_\_le fiber      *adj.* able to burn easily
152. ha\_\_\_\_\_de crafts      *adj.* made by hand rather than by machine or mass production methods; crafted manually or using traditional methods
153. ce\_\_\_\_\_ny location      *n.* a formal event or ritual, often religious or solemn
154. g\_\_l apparatus      *n.* a respiratory organ of fish and some other aquatic animals that extracts dissolved oxygen from water and excretes carbon dioxide

ANSWERS: 144. nominate, 145. separate, 146. decline, 147. weigh, 148. discovery, 149. demonstrate, 150. adventure, 151. flammable, 152. handmade, 153. ceremony, 154. gill

155. pa\_\_\_t application *n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted
156. student on a ti\_\_t budget *adj.* fixed, fastened, or kept together firmly or closely
157. unsolved my\_\_\_\_y *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
158. b\_\_g a phone down *v.* to hit or cause to hit something in a way that makes a loud noise
159. in\_\_\_t daughter *n.* a baby or very young child
160. as\_\_\_t a patient *v.* to help someone in doing anything
161. en\_\_\_\_\_er a storm *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
162. feel a sl\_\_\_t concern *adj.* very small in degree or amount
163. sc\_\_\_e meat off a bone *v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
164. a traffic j\_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

ANSWERS: 155. patent, 156. tight, 157. mystery, 158. bang, 159. infant, 160. assist, 161. encounter, 162. slight, 163. scrape, 164. jam

165. res\_\_\_\_\_le for a customer service     *adj.* answerable or accountable for something within one's power, control, or management
166. sl\_\_\_\_t increase     *adj.* very small in degree or amount
167. a bac\_\_\_\_\_nd color     *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
168. a volunteer nu\_\_e     *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
169. a gr\_\_\_\_c description of an accident     *adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful
170. inactive ma\_\_\_\_\_ry     *n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
171. shocked by\_\_\_\_\_er     *n.* a person who witnesses an event or situation but does not actively participate or intervene
172. a criminal bac\_\_\_\_\_nd     *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
173. cen\_\_\_\_\_al acceleration     *adj.* tending or acting to move away from a center; relating to or operating by means of this force; deviating or diverging from a common point or central idea

ANSWERS: 165. responsible, 166. slight, 167. background, 168. nurse, 169. graphic, 170. machinery, 171. bystander, 172. background, 173. centrifugal

174. notes of small den\_\_\_\_\_ion      *n.* a religious group or branch, usually including many local churches; a value or size of a banknote, coin, or postage stamp
175. complete a pr\_\_\_\_\_pe product      *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
176. m\_\_k body odor      *v.* to conceal something; (noun) a covering that you wear over your face to hide it
177. begin to r\_t      *v.* to decay, or cause something to decay, naturally and gradually
178. de\_\_\_\_\_e this prize      *v.* to be worthy of or entitled to something, especially something good or valuable
179. re\_\_\_e a story      *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
180. surgical la\_\_\_t      *n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures
181. against tr\_\_\_\_\_on      *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
182. an\_\_\_\_\_ce the award winners      *v.* to make something known or officially inform people about something
183. de\_\_\_e a question      *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

ANSWERS: 174. denomination, 175. prototype, 176. mask, 177. rot, 178. deserve, 179. relate, 180. lancet, 181. tradition, 182. announce, 183. decide

184. na\_\_\_n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
185. de\_\_\_\_\_e a job offer *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
186. decision-making pr\_\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
187. provide ad\_\_\_\_\_te funding *adj.* enough, acceptable, satisfactory for a particular purpose or need
188. pa\_\_\_\_\_t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
189. gu\_\_\_a coins *n.* a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic
190. vi\_\_\_m support *n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
191. int\_\_\_\_\_le situation *adj.* incapable of being tolerated or endured; unacceptable

ANSWERS: 184. nation, 185. decline, 186. process, 187. adequate, 188. patient, 189. guinea, 190. victim, 191. intolerable



192. way to mi\_\_\_\_ze conflict  
*v.* to make something, especially something bad, small or less serious
193. fairly ty\_\_\_\_l symptoms  
*adj.* having the usual characteristics or traits of a specific group of things
194. innocent by\_\_\_\_er  
*n.* a person who witnesses an event or situation but does not actively participate or intervene
195. as\_\_\_\_t his goal  
*v.* to help someone in doing anything
196. an une\_\_\_\_ed visitor  
*adj.* not anticipated or regarded as likely to happen
197. do on a con\_\_\_\_nt basis  
*adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.
198. re\_\_\_\_e a message  
*v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
199. sl\_\_\_\_h a drink  
*v.* to move the liquid around, usually inside a container, with a splashing or slapping sound; to move clumsily through water or mud
200. r\_\_\_\_t with age  
*v.* to decay, or cause something to decay, naturally and gradually
201. a remote re\_\_\_\_ve  
*adj.* considered and evaluated through comparison with something else
202. hi\_\_\_\_nd Indian  
*adj.* an area of elevated land or hilly terrain

ANSWERS: 192. minimize, 193. typical, 194. bystander, 195. assist, 196. unexpected, 197. consistent, 198. relate, 199. slosh, 200. rot, 201. relative, 202. highland

## Session 3: Fill in the Blanks

1. One light year is nearly 6 \_\_\_\_\_ miles.  
*n.* the number 1,000,000,000,000; a million million
2. He is the kind of \_\_\_\_\_ who only works for his success.  
*adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
3. The vast earthquake caused the house to \_\_\_\_\_.  
*v.* to make or cause to make short, successive, sharp, and loud sounds
4. He had to undergo a \_\_\_\_\_ as part of his routine medical check-up.  
*n.* a medical procedure in which a flexible tube with a camera on its end is inserted into the rectum to examine the colon for potential abnormalities or diseases
5. The ignition of \_\_\_\_\_ gas in the plant killed five employees.  
*n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
6. The Nobel \_\_\_\_\_ delivered an inspiring speech to the graduating class.  
*n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
7. The nuclear \_\_\_\_\_ in the country was a disaster with far-reaching consequences.  
*n.* a severe overheating of the core of a nuclear reactor resulting in the core melting and radiation escaping; a situation in which something fails or weakens suddenly or dramatically

ANSWERS: 1. trillion, 2. fellow, 3. rattle, 4. colonoscopy, 5. methane, 6. laureate, 7. meltdown

8. The \_\_\_\_\_ force of the spinning ride caused my hair to fly in all directions.  
*adj.* tending or acting to move away from a center; relating to or operating by means of this force; deviating or diverging from a common point or central idea
9. He has a flair for \_\_\_\_\_.  
*n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
10. One bad apple spoils the whole \_\_\_\_\_.  
*n.* a grouping of several similar things which are growing or fastened together
11. The \_\_\_\_\_ of audit formally issued a business improvement order.  
*n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
12. He accidentally \_\_\_\_\_ his finger with the needle.  
*v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
13. The \_\_\_\_\_ surrounding the disappearance of the traveler has yet to be solved by authorities.  
*n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle
14. This region has a humid subtropical and \_\_\_\_\_ climate.  
*adj.* an area of elevated land or hilly terrain

ANSWERS: 8. centrifugal, 9. mathematics, 10. bunch, 11. machinery, 12. pricked, 13. mystery, 14. highland

15. The \_\_\_\_\_ band was performing at the parade.
- n.* a metal alloy of copper and zinc; a yellowish color; a group of wind instruments made of brass
16. He didn't meet all the \_\_\_\_\_ but he was hired anyway.
- n.* (plural of criterion) standards or conditions by which something may be judged or decided
17. The water \_\_\_\_\_ over the edge of the bucket and spilled onto the floor.
- v.* to move the liquid around, usually inside a container, with a splashing or slapping sound; to move clumsily through water or mud
18. I'm prepared to \_\_\_\_\_ challenges throughout this adventure.
- v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
19. He sailed the Atlantic Ocean multiple times during his \_\_\_\_\_.
- n.* a journey or a series of events that is unusual, exciting, or dangerous
20. We can calculate the position of the \_\_\_\_\_ statistically.
- n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
21. The flying car is presently in the \_\_\_\_\_ stage.
- n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
22. I had to throw away the \_\_\_\_\_ food in the fridge because it had gone bad.
- adj.* decaying or rotting and emitting a foul or offensive odor; morally corrupt, foul, or depraved; repulsive or disgusting

ANSWERS: 15. brass, 16. criteria, 17. sloshed, 18. encounter, 19. adventures, 20. particles, 21. prototype, 22. putrid

23. The \_\_\_\_\_ of the crime deserves justice and support to recover from the trauma.
- n.* a person who has been harmed, injured, or otherwise negatively affected by a particular action, circumstance, or event
24. Mozart was an \_\_\_\_\_ prodigy.
- n.* a baby or very young child
25. The organization \_\_\_\_\_ her to be the next president.
- v.* to propose someone for a position, especially in politics or an organization, or some honor
26. The athlete tightened the \_\_\_\_\_ on his running shoes before the race.
- n.* a long, narrow strip or belt of leather, fabric, or another material used for binding, fastening, or supporting something or someone; a band or string that attaches one object to another, often used to secure items during transport
27. He has \_\_\_\_\_ exercising because of a back injury sustained in an accident.
- n.* a condition or state that causes problems
28. The \_\_\_\_\_ effect is a phenomenon where people are less likely to intervene in an emergency if others are present.
- n.* a person who witnesses an event or situation but does not actively participate or intervene
29. We made \_\_\_\_\_ modifications to reflect the views of both sides.
- adj.* very small in degree or amount
30. The company's hiring criteria emphasize personality, not a person's \_\_\_\_\_.
- n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

ANSWERS: 23. victim, 24. infant, 25. nominated, 26. strap, 27. difficulty, 28.

bystander, 29. slight, 30. background

31. Please \_\_\_\_\_ her with the furniture relocation.

*v.* to help someone in doing anything

32. The jewelry was all \_\_\_\_\_ by local artisans using traditional techniques.

*adj.* made by hand rather than by machine or mass production methods; crafted manually or using traditional methods

33. The music just \_\_\_\_\_ out.

*v.* to fail or lose power, efficiency, or value gradually before coming to an end

34. He studied the \_\_\_\_\_ of radiation.

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

35. We need to \_\_\_\_\_ the aspect of his personality from the part of his competence when making an investment decision.

*v.* to force, take, or pull apart; mark as different

36. The \_\_\_\_\_ of Japan is known for its unique culture and advanced technology.

*n.* a large organized community of people living in a particular country or region and having a particular culture

37. The \_\_\_\_\_ rainstorm caused the collapse of the corral.

*adj.* not anticipated or regarded as likely to happen

38. These birds can only \_\_\_\_\_ in temperate climates.

*v.* to live or exist despite a dangerous event or period

39. The \_\_\_\_\_ team worked quickly to save the patient's life.

*adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 31. assist, 32. handmade, 33. petered, 34. physics, 35. separate, 36. nation, 37. unexpected, 38. survive, 39. medical

40. The company has filed for a \_\_\_\_\_ to protect its new invention.
- n.* a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted
41. The wedding \_\_\_\_\_ was a beautiful and emotional event.
- n.* a formal event or ritual, often religious or solemn
42. Investment in index funds can often be a hedge against \_\_\_\_\_.
- n.* a general and progressive increase in prices; (cosmology) a theory of the exponential expansion of space in the early universe; the act of filling something with air
43. She bought a new \_\_\_\_ that was comfortable and supportive for all-day wear.
- n.* a woman's undergarment designed to support the breasts
44. X-rays revealed a small tumor in his \_\_\_\_\_.
- n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
45. It is a \_\_\_\_\_ in many families to have a big Thanksgiving dinner with all their relatives.
- n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
46. He tried to \_\_\_\_\_ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

ANSWERS: 40. patent, 41. ceremony, 42. inflation, 43. bra, 44. brain, 45. tradition, 46. relate



47. I will be very happy to accept your \_\_\_\_\_.
- n.* a spoken or written request to participate or be present or take part in something
48. The \_\_\_\_\_ value of Pi is approximately 3.14.
- adj.* relating to, expressed, or denoted by a number
49. The warning labels indicated that the product was highly \_\_\_\_\_.
- adj.* able to burn easily
50. Numerous great professional sports \_\_\_\_\_ have come from this city.
- n.* a natural ability to be good at something; someone who has a natural ability to be good at something
51. His class will cover an introduction to agricultural \_\_\_\_\_.
- n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
52. As people age, their digestive capacity also gradually \_\_\_\_\_.
- v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
53. How can you \_\_\_\_\_ that the earth is a sphere?
- v.* to display something or give an exhibition to an interested audience
54. The third season of the anime show has been \_\_\_\_\_.
- v.* to make something known or officially inform people about something
55. The employee \_\_\_\_\_ the promotion for their hard work and dedication.
- v.* to be worthy of or entitled to something, especially something good or valuable

ANSWERS: 47. invitation, 48. numerical, 49. flammable, 50. talents, 51. economics, 52. declines, 53. demonstrate, 54. announced, 55. deserved

56. Archaeologists found a Neanderthal \_\_\_\_\_ at that historic site.

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

57. The \_\_\_\_\_ will repair my telephone tomorrow morning.

*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

58. The \_\_\_\_\_ novel was a masterpiece with stunning illustrations that brought the story to life.

*adj.* relating to visual art or involving the use of diagrams or illustrations; very clear and powerful

59. The shredder in the print room often has paper \_\_\_\_\_.

*n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

60. You are not \_\_\_\_\_ in your behavior.

*adj.* always behaving or happening in the same way, or having the same thoughts, standards, etc.

61. Her research team made an important \_\_\_\_\_.

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

62. Jockey's superior \_\_\_\_\_ brought him victory.

*n.* a particular way or art of doing something that needs skill

63. Most countries prohibit sexual activity between certain close \_\_\_\_\_.

*adj.* considered and evaluated through comparison with something else

ANSWERS: 56. skull, 57. engineer, 58. graphic, 59. jams, 60. consistent, 61. discovery, 62. technique, 63. relatives

64. Chronic pain from the side effects of treatment made her life \_\_\_\_\_.  
*adj.* incapable of being tolerated or endured; unacceptable
65. The passenger grabbed for the \_\_\_\_\_ mask.  
*n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
66. The politician tried to \_\_\_\_\_ the corruption.  
*v.* to conceal something; (noun) a covering that you wear over your face to hide it
67. The doctor carefully examined the \_\_\_\_\_ medical history.  
*n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
68. I always carry a backup \_\_\_\_\_ in case my phone runs out of battery.  
*n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
69. The old building \_\_\_\_\_ in a fiery inferno.  
*v.* to burst or break open violently and noisily; to cause something to burst or break open
70. The physician is reading the \_\_\_\_\_ related to medicine  
*n.* a newspaper or magazine specialized in a specific topic or profession
71. This artwork is \_\_\_\_\_ of her work.  
*adj.* having the usual characteristics or traits of a specific group of things

ANSWERS: 64. intolerable, 65. oxygen, 66. mask, 67. patient's, 68. device, 69. exploded, 70. journals, 71. typical

72. The night shift \_\_\_\_\_ checked my vital signs before administering the medication.
- n.* a healthcare professional who is trained to provide care for the sick or injured;  
(verb) to try to cure by special care or treatment of an illness or injury
73. The exam was \_\_\_\_\_ tricky for everyone.
- adv.* in a way that causes amazement or wonder
74. My father tried to \_\_\_\_\_ mathematics into my head since childhood.
- v.* to hit or cause to hit something in a way that makes a loud noise
75. She \_\_\_\_\_ the balloons for the party.
- v.* to fill something with air or gas so that it becomes bigger and rounder
76. The national election was held amid \_\_\_\_\_ security.
- adj.* fixed, fastened, or kept together firmly or closely
77. This pill will relieve your \_\_\_\_\_ immediately.
- n.* pain in the head; someone or something that causes anxiety or trouble
78. Please refrigerate the meat, or it will \_\_\_\_\_.
- v.* to decay, or cause something to decay, naturally and gradually
79. There was a chemical \_\_\_\_\_ of the lime with the groundwater.
- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
80. The \_\_\_\_\_ for the upcoming election vows to make positive changes in their community.
- n.* a person who is proposed as a candidate or contender for a position, award, or honor

ANSWERS: 72. nurse, 73. surprisingly, 74. bang, 75. inflated, 76. tight, 77. headaches, 78. rot, 79. reaction, 80. nominee

81. He \_\_\_\_\_ the mud off his boots before entering the house.  
*v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
82. This argument is still not \_\_\_\_\_.  
*adj.* enough, acceptable, satisfactory for a particular purpose or need
83. The cost of the antique vase is three \_\_\_\_\_.  
*n.* a former British gold coin worth 21 shillings or a unit of currency used in some West African countries; (Guinea) a republic in western Africa on the Atlantic
84. She's a \_\_\_\_\_ pet owner who ensures her dog gets enough exercise and a healthy diet.  
*adj.* answerable or accountable for something within one's power, control, or management
85. I bought a gadget before my trip to help \_\_\_\_\_ stress during the flight.  
*v.* to make something, especially something bad, small or less serious
86. The wood\_\_\_\_\_ would peck at the tree high up in the branches.  
*v.* to strike or bite someone or something repeatedly, usually with the beak or bill; to give a quick, small kiss or nibble
87. The car's front bumper cost fifteen hundred \_\_\_\_\_.  
*n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
88. The baby \_\_\_\_\_ 1 pound 3 oz.  
*v.* to have a particular weight; to carefully evaluate things before making a conclusion

ANSWERS: 81. scraped, 82. adequate, 83. guineas, 84. responsible, 85. minimize, 86. pecker, 87. pounds, 88. weighs

89. He cracked open a \_\_\_\_\_ to drink the milk.
- n.* the large, hard-shelled seed of a tropical palm, which has a fibrous husk surrounding a single-seeded nut
90. The actress received a \_\_\_\_\_ for her passionate portrayal of a character in the critically-acclaimed film.
- n.* the act or process of formally proposing someone for election or appointment to a position, office, or award; the act of designating or selecting someone for a particular role or purpose
91. The doctor used a \_\_\_\_\_ for a small incision on the patient's skin.
- n.* a sharp, pointed surgical instrument used for making incisions or punctures, typically in medical procedures
92. Necessity is the mother of \_\_\_\_\_.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
93. He flashed a fistful of large \_\_\_\_\_ bills.
- n.* a religious group or branch, usually including many local churches; a value or size of a banknote, coin, or postage stamp
94. The president declared a state of \_\_\_\_\_.
- n.* a sudden unforeseen crisis usually involving danger that requires immediate action
95. I spotted a \_\_\_\_\_ drilling for insects in the trunk of an old oak tree.
- n.* a type of bird characterized by its habit of tapping or drumming against tree trunks with its strong beak, known for its ability to excavate holes in tree trunks and branches for nesting and foraging purposes

ANSWERS: 89. coconut, 90. nomination, 91. lancet, 92. invention, 93. denomination, 94. emergency, 95. woodpecker

96. His \_\_\_\_\_ showed highly positive results.  
*n.* the scientific test conducted to observe what happens and gain new knowledge
97. She couldn't \_\_\_\_\_ whether to order the pizza or the pasta for dinner.  
*v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
98. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.  
*n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
99. This examination \_\_\_\_\_ of five problems to solve.  
*v.* to be composed or made up of
100. The fish's \_\_\_\_\_ are necessary for extracting oxygen from the water.  
*n.* a respiratory organ of fish and some other aquatic animals that extracts dissolved oxygen from water and excretes carbon dioxide
101. My accidental \_\_\_\_\_ got better right away.  
*n.* harm done to a person's or an animal's body caused by an accident or an attack

ANSWERS: 96. experiments, 97. decide, 98. process, 99. consists, 100. gills, 101. injury