

# Englist.me



## Vocabulary Builder Reference from...

Michael R. Stiff: Why is cotton in everything? | TED Talk

[https://www.ted.com/talks/michael\\_r\\_stiff\\_why\\_is\\_cotton\\_in\\_everything](https://www.ted.com/talks/michael_r_stiff_why_is_cotton_in_everything)

### All Words

#### IMPORTANT

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## Session 1: Word List

### develop

*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

*synonym*: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

### ingenuous

*adj.* innocent, naive, or unsuspecting, often with a connotation of being childlike or honest; characterized by openness and sincerity of expression or behavior

*synonym*: naive, innocent, unsophisticated

(1) **ingenuous** smile, (2) **ingenuous** little girl

The artist's **ingenuous** approach to painting showcased a fresh and original perspective.

### suit

*n.* a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for

*synonym*: clothes, lawsuit, (verb) fit

(1) **suit** and tie restaurant, (2) **suit** at law  
Six **suits** are awaiting trial or verdict.

**flex** v. to show off one's strength, power, or possessions; to bend or be capable of bending easily  
*synonym*: bend, stretch, extend  
(1) **flex** a finger, (2) **flex** diplomatic muscle  
The gymnast was able to **flex** his muscles to perform the difficult routine.

**spear** n. a weapon with a long shaft and a sharp metal point used for battle, hunting, and fishing in the past  
*synonym*: javelin, pike, lance  
(1) hunting **spear**, (2) sharp-pointed **spear**  
Ancient people made **spears** with wood entirely.

**warrior** n. a person who engaged in or experienced warfare, especially in the past  
*synonym*: fighter, soldier, combatant  
(1) armored **warrior**, (2) **warrior** spirit  
The poem depicts the heroics of a legendary **warrior**.

**fierce** adj. severe and violent in a way that is frightening  
*synonym*: ferocious, convulsive, forceful  
(1) **fierce** competition, (2) a **fierce** animal  
The **fierce** thunders echoed across the plain.

**hardy** adj. able to withstand harsh conditions or difficult circumstances; robust, sturdy, or resilient  
*synonym*: tough, sturdy, resilient  
(1) **hardy** plants, (2) **hardy** breed  
The **hardy** construction workers worked tirelessly in the scorching heat to complete the project.

**structure** n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

*synonym*: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

## steel

*n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

*synonym*: iron

(1) magnetic **steel**, (2) **steel** beam

This bridge is the third largest **steel** bridge in the world.

## 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.

## cotton

*n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing

(1) **cotton** cloth, (2) culture of **cotton**

The price of raw **cotton** continued to rise.

## weave

*v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

*synonym*: braid, unite, contrive

(1) **weave** on a loom, (2) **weave** a story

The girl **weaves** a garland for her friend.

## quilt

*n.* a warm bed covering made of padding enclosed between layers of fabric and kept in place by lines of stitching, typically forming a decorative pattern

*synonym*: puff, coverlet, blanket

(1) **quilt** blanket, (2) handmade **quilt**

My grandmother made me a beautiful **quilt** as a gift for my

wedding.

## distribute

*v.* to give something to a large number of individuals, or to spread or furnish something

*synonym*: broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content  
His estate was **distributed** to his sons.

## shield

*n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves

*synonym*: guard, protection, safeguard

(1) a heat **shield**, (2) a **shield** for protecting against a bullet  
Lead is an effective **shield** against X-rays, gamma rays, and other harmful radiation.

## restrict

*v.* to limit someone's actions or movements, or to limit something to lessen its size or prevent it from increasing

*synonym*: limit, confine, hinder

(1) **restrict** an Internet access, (2) **restrict** the use of this parking lot

We **restrict** the number of students per course to twenty.

## mobility

*n.* the ability to move or be moved freely or easily from one place, job, or social class to another

*synonym*: flexibility, maneuverability

(1) lack in **mobility**, (2) improve social **mobility**

I have limited **mobility** in my arms.

## contradictory

*adj.* containing or consisting of conflicting or incompatible elements

*synonym*: conflicting, opposing, inconsistent

(1) apparently **contradictory**, (2) **contradictory** evidence  
His statements were **contradictory**, leaving the audience confused.

- feat** *n.* a notable or impressive achievement, especially one that requires great skill or bravery  
*synonym* : achievement, accomplishment, exploit  
(1) intellectual **feat**, (2) **feat** accomplishment  
It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.
- strength** *n.* the quality or state of being physically, or sometimes mentally, strong  
*synonym* : resilience, power, muscles  
(1) **strength** of the economy, (2) muscular **strength**  
Health and **strength** are, above all, gold.
- flexibility** *n.* the quality of changing or being changed easily according to new conditions or situations  
*synonym* : elasticity, adaptability, resilience  
(1) mental **flexibility**, (2) the **flexibility** of the body  
We dealt with those problems with speed and **flexibility**.
- durability** *n.* the ability to withstand wear, pressure, or damage over a while; longevity  
*synonym* : resilience, strength, longevity  
(1) **durability** test, (2) improve **durability**  
The **durability** of this jacket is impressive, and it has held up for years.
- intricate** *adj.* having many different parts and small details that all work together  
*synonym* : complicated, convoluted, complex  
(1) **intricate** details, (2) **intricate** lacework  
The politician managed to deal with that **intricate** issue.
- biology** *n.* the scientific study of life and the natural processes of living things  
(1) evolutionary **biology**, (2) cell and molecular **biology**  
In junior high school, we had to dissect a frog in **biology**

class.

## invisible

*adj.* impossible or nearly impossible to see

*synonym* : hidden, imperceptible, unseen

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

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

## fiber

*n.* thread or filament used to make a vegetable tissue, mineral material, or textile

*synonym* : yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

## festoon

*v.* to drape or decorate with strings of flowers, leaves, or ribbons; to adorn with decorative or festive elements

*synonym* : adorn, decorate, embellish

(1) **festoon** the party venue, (2) **festoon** a room for a party

The stage was **festooned** with flowers for the wedding ceremony.

## bulge

*v.* to protrude or extend outward

*synonym* : protrude, swell, expand

(1) **bulge** at the enterprise, (2) **bulge** with books

The muscles in his arm **bulged** as he lifted the heavyweights.

## miniature

*adj.* being on a very small scale

*synonym* : mini, scaled-down, pint-sized

(1) **miniature** camera, (2) **miniature** version

He did complicated pen-and-ink drawings like medieval **miniatures**.

## balloon

*n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated

*synonym* : aerostat, blimp, (verb) billow out

(1) **balloon** ride, (2) **balloon** into a severe political problem

The satellite **balloon** slowly ascended into the sky.

## **stiffen**

v. to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior

*synonym*: harden, solidify, tense

(1) **stiffen** joints, (2) **stiffen** penalties

The cold weather made my muscles **stiffen** up.

## **elongate**

v. to extend something in length; to lengthen, stretch out, or to make longer

*synonym*: stretch, lengthen, extend

(1) **elongate** muscles, (2) **elongate** a dress

The yoga instructor told us to **elongate** our spines during the practice.

## **strengthen**

v. to become stronger or more effective; to make someone or something stronger or more effective

*synonym*: reinforce, harden, boost

(1) **strengthen** the immune system, (2) **strengthen** a border patrol

Difficulties **strengthen** the mind, as labor does the body.

## **carbohydrate**

n. (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals

*synonym*: sugar, starch, cellulose

(1) complex **carbohydrate**, (2) **carbohydrate** metabolism

Foods high in **carbohydrates** include bread, pasta, and rice.

## **cellulose**

n. a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials

*synonym*: fiber, paper, wood pulp

(1) **cellulose** acetate, (2) **cellulose** insulation

The **cellulose** content in fruits and vegetables contributes to their dietary fiber.

**swift**

*adj.* happening, moving, or capable of moving quickly

*synonym* : quick, speedy, brisk

(1) take **swift** action, (2) a **swift** current of a river

Her voice was **swift**, yet ever the last words fell lingeringly.

**reinforce**

*v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger

*synonym* : strengthen, fortify, support

(1) **reinforce** the military, (2) **reinforce** good behavior

We should **reinforce** the troops at the front line.

**grain**

*n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance

*synonym* : seed, piece, cereal

(1) a **grain** of sand, (2) flour made from **grain**

Ordinary air purifiers cannot adequately remove pollen **grains**.

**rigid**

*adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending

*synonym* : strict, inflexible, stringent

(1) **rigid** rules, (2) **rigid** structure

He was unpopular because of his **rigid** adherence to the rules.

**remodel**

*v.* to change the structure or form of something

*synonym* : refurbish, remake, revamp

(1) **remodel** the car, (2) **remodel** portfolio

We are **remodeling** these rooms now.

**ultimate**

*adj.* furthest or highest in degree or order

*synonym* : highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.



## rough

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

*synonym* : inelegant, coarse, barbarian

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

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

## fabric

*n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

*synonym* : cloth, material, goods

(1) a hand-loomed **fabric**, (2) **fabric** of creation

These synthetic **fabrics** are used in military vests because of their excellent abrasion resistance.

## sturdy

*adj.* physically strong and not easily damaged

*synonym* : tough, bulky, inflexible

(1) **sturdy** frame, (2) **sturdy** young athletes

The vehicle is **sturdy** enough to handle rough terrain.

## 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.

## fertilizer

*n.* a natural or chemical substance added to soil to make plants grow more successfully

*synonym* : manure

(1) a chemical **fertilizer**, (2) nonsynthetic **fertilizer**

Nitrogen fixation by the Haber-Bosch method leads to the mass production of **fertilizers**.

## pest

*n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome

*synonym* : nuisance, problem, annoyance

(1) **pest** control, (2) a **pest** of bean plants

The gardener used natural methods to keep **pests** away from her plants.

### centimeter

*n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

### micrometer

*n.* a tool for measuring small distances or dimensions, typically accurate to within one-thousandth of a millimeter

*synonym*: caliper, measuring gauge

(1) **micrometer** gauge, (2) vernier **micrometer**

The scientist used a digital **micrometer** to measure the exact thickness of the material.

### wrap

*v.* to cover or enclose something entirely with paper, cloth, or other material

*synonym*: surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting

**Wrap** the bandage tightly around the injured arm.

### thread

*n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

*synonym*: filament, string, yarn

(1) **thread** a catheter, (2) start a new **thread**

The detective followed a **thread** of clues which ultimately led to the suspect's arrest.

## diverse

*adj.* including numerous categories of individuals or entities;  
various

*synonym*: manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents  
New York is a city with a **diverse** ethnic population.

## textile

*n.* any type of cloth made by weaving or felting or knitting

*synonym*: cloth, material, fabric

(1) **textile** production, (2) tissue **textiles**

China's **textile** industry has developed rapidly with the input of foreign capital.

## crucial

*adj.* extremely vital or necessary

*synonym*: essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the country's growth.

## deposit

*n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

*synonym*: bank, installment, sedimentation

(1) **deposit** money, (2) **deposit** accumulation

I made a **deposit** at the bank to add money to my account.

## quantity

*n.* the amount or number of something; magnitude

*synonym*: abundance, portion, amount

(1) half **quantity**, (2) residual **quantity**

In southward, the average annual water **quantity** increases.

## dense

*adj.* containing a large number of people or something with little space between them

*synonym*: heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

## 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.

## essential

*adj.* indispensable; fundamental

*synonym* : critical, crucial, basic

(1) **essential** amino acid, (2) **essential** commodities of life

Trial and error is an **essential** part of education.

## long-lasting

*adj.* existing or continuing for a long time

*synonym* : enduring, abiding, durable

(1) **long-lasting** battery, (2) a **long-lasting** friendship

They finally decided to solve the **long-lasting** problem.

## garment

*n.* a piece of clothing, such as a dress, coat, or shirt

*synonym* : apparel, clothing, attire

(1) **garment** industry, (2) silk **garment**

She hung the wet **garment** on the clothesline to dry.

## withstand

*v.* to resist the effect or impact of something

*synonym* : endure, bear, resist

(1) **withstand** pressure, (2) **withstand** temptation

The new phone is waterproof and can **withstand** being dropped in water.

## 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.

## density

*n.* the quality of compactness of a substance

*synonym* : tightness, viscosity

(1) population **density**, (2) higher pixel **density**

Do you know the **density** of the population in Hong Kong?

## influence

*n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself

*synonym* : power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

## pod

*n.* a seed case, especially of a leguminous plant such as a pea or bean; a detachable container of something, especially on an airplane

*synonym* : capsule, seed case, husk

(1) escape **pod**, (2) cocoa **pod**

The **pod** of whales swam gracefully through the water.

## boll

*n.* a seed pod or capsule, particularly one from a cotton plant

*synonym* : pole, post, stake

(1) **boll** weevil, (2) mature **bolts**

The cotton **boll** was picked from the field and taken to the gin for processing.

## surround

*v.* to be all around something or somebody

*synonym* : encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace

On three sides, mountains **surround** the settlement.

## crack

*v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

*synonym* : snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

## unveil

*v.* to reveal or make something publicly known, especially for the first time

*synonym*: reveal, uncover, expose

(1) **unveil** a monument, (2) **unveil** a comprehensive plan  
The company plans to **unveil** its new product at the trade show next week.

## fluffy

*adj.* soft and light, often with a texture that resembles feathers or fur

*synonym*: soft, feathery, puffy

(1) **fluffy** clouds, (2) **fluffy** blanket

The kitten had **fluffy** fur that was soft to the touch.

## mass

*n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

*synonym*: abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

## spin

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

*synonym*: rotate, twirl, swirl

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

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

## yarn

*n.* a long, thin thread or fiber, typically made of wool or cotton, used for knitting, weaving, or sewing; a long, elaborate, or fictional story, often told informally or with exaggeration; (verb) to tell a long, often embellished story or to spin a tale

*synonym*: thread, fiber, threadbare

(1) spinning **yarn**, (2) **yarn** about my past

Grandma used to knit a cozy blanket from soft **yarns** to keep us warm in winter.

## filter

*n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

*synonym* : strainer

(1) gas **filter**, (2) clogged **filter**

Ozone is a primary **filter** to protect Earth's surface from harmful UV rays.

## diaper

*n.* a soft, absorbent piece of material worn by babies and young children around their waist and between their legs to catch urine and feces

*synonym* : napkin, nappy

(1) **diaper** bag, (2) cloth **diaper**

I need to buy a pack of **diapers** for my baby before we run out.

## modern

*adj.* of or belonging to the present time or recent times

*synonym* : contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

## 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.

## investigate

*v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

*synonym* : examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent

inconsistencies.

## optimize

*v.* to make the best or most effective use of something  
*synonym*: advance, amend, improve

(1) **optimize** a process, (2) **optimize** control for cooling  
The essence of economics is to **optimize** the allocation of limited resources.

## nutrient

*n.* any substance that is essential for the maintenance and growth of living things

*synonym*: food, vitamin

(1) **nutrient** medicine, (2) a **nutrient** for hair

They used fast-acting **nutrients** on the flowers in the flower beds.

## genetics

*n.* the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.



## Session 2: Spelling

1. ba\_\_\_\_n ride  
*n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
2. s\_\_t and tie restaurant  
*n.* a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for
3. st\_\_l beam  
*n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
4. st\_\_\_\_\_re and function of the brain  
*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
5. magnetic st\_\_l  
*n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
6. su\_\_\_\_\_nd a town  
*v.* to be all around something or somebody
7. in\_\_\_\_\_le stars  
*adj.* impossible or nearly impossible to see
8. co\_\_\_\_n cloth  
*n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing

ANSWERS: 1. balloon, 2. suit, 3. steel, 4. structure, 5. steel, 6. surround, 7. invisible, 8. cotton

- |                                   |  |
|-----------------------------------|--|
| 9. carbon fi__r                   | <i>n.</i> thread or filament used to make a vegetable tissue, mineral material, or textile   |
| 10. a nu_____nt for hair          | <i>n.</i> any substance that is essential for the maintenance and growth of living things  |
| 11. sharp-pointed sp__r           | <i>n.</i> a weapon with a long shaft and a sharp metal point used for battle, hunting, and fishing in the past   |
| 12. thirty cen_____ers tall       | <i>n.</i> a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter   |
| 13. vernier mic_____er            | <i>n.</i> a tool for measuring small distances or dimensions, typically accurate to within one-thousandth of a millimeter  |
| 14. culture of co___n             | <i>n.</i> a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing |
| 15. di_____e backgrounds          | <i>adj.</i> including numerous categories of individuals or entities; various  |
| 16. dis_____te video content      | <i>v.</i> to give something to a large number of individuals, or to spread or furnish something  |
| 17. clogged fi___r                | <i>n.</i> any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light                       |
| 18. op_____ze control for cooling | <i>v.</i> to make the best or most effective use of something  |

ANSWERS: 9. fiber, 10. nutrient, 11. spear, 12. centimeter, 13. micrometer, 14. cotton, 15. diverse, 16. distribute, 17. filter, 18. optimize

19. a det\_\_\_\_\_nt of crop yields      *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
20. in\_\_\_\_\_te details      *adj.* having many different parts and small details that all work together
21. cen\_\_\_\_\_er measurement      *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
22. nutrient-de\_\_\_e foods      *adj.* containing a large number of people or something with little space between them
23. ha\_\_\_y breed      *adj.* able to withstand harsh conditions or difficult circumstances; robust, sturdy, or resilient
24. re\_\_\_\_\_ce the military      *v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
25. an une\_\_\_\_\_ed visitor      *adj.* not anticipated or regarded as likely to happen
26. p\_\_\_t control      *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
27. cell and molecular bi\_\_\_\_\_y      *n.* the scientific study of life and the natural processes of living things
28. re\_\_\_\_\_l portfolio      *v.* to change the structure or form of something
29. the fle\_\_\_\_\_ty of the body      *n.* the quality of changing or being changed easily according to new conditions or situations

ANSWERS: 19. determinant, 20. intricate, 21. centimeter, 22. dense, 23. hardy, 24. reinforce, 25. unexpected, 26. pest, 27. biology, 28. remodel, 29. flexibility

30. ge\_\_\_\_cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
31. ba\_\_\_\_n into a severe political problem *n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
32. the atmospheric tem\_\_\_\_\_re *n.* the degree of hotness or coldness of a thing or place
33. an in\_\_\_\_\_le asset *adj.* impossible or nearly impossible to see
34. mic\_\_\_\_\_er gauge *n.* a tool for measuring small distances or dimensions, typically accurate to within one-thousandth of a millimeter
35. wi\_\_\_\_\_nd pressure *v.* to resist the effect or impact of something
36. in\_\_\_\_\_us little girl *adj.* innocent, naive, or unsuspecting, often with a connotation of being childlike or honest; characterized by openness and sincerity of expression or behavior
37. f\_\_x a finger *v.* to show off one's strength, power, or possessions; to bend or be capable of bending easily
38. cloth di\_\_\_r *n.* a soft, absorbent piece of material worn by babies and young children around their waist and between their legs to catch urine and feces
39. fe\_\_\_\_\_n the party venue *v.* to drape or decorate with strings of flowers, leaves, or ribbons; to adorn with decorative or festive elements

ANSWERS: 30. genetics, 31. balloon, 32. temperature, 33. invisible, 34. micrometer, 35. withstand, 36. ingenuous, 37. flex, 38. diaper, 39. festoon

40. w\_\_p up a meeting *v.* to cover or enclose something entirely with paper, cloth, or other material
41. a sh\_\_\_d for protecting against a bullet *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
42. di\_\_\_r bag *n.* a soft, absorbent piece of material worn by babies and young children around their waist and between their legs to catch urine and feces
43. dur\_\_\_\_\_ty test *n.* the ability to withstand wear, pressure, or damage over a while; longevity
44. some une\_\_\_\_\_ed events *adj.* not anticipated or regarded as likely to happen
45. ri\_\_d rules *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
46. la\_\_\_\_\_y mitigate the issue *adv.* virtually entirely; to a large degree
47. es\_\_\_\_\_al commodities of life *adj.* indispensable; fundamental
48. re\_\_\_\_\_ct the use of this parking lot *v.* to limit someone's actions or movements, or to limit something to lessen its size or prevent it from increasing
49. el\_\_\_\_\_te a dress *v.* to extend something in length; to lengthen, stretch out, or to make longer
50. critical m\_\_s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 40. wrap, 41. shield, 42. diaper, 43. durability, 44. unexpected, 45. rigid, 46. largely, 47. essential, 48. restrict, 49. elongate, 50. mass

51. a gr\_\_n of sand *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
52. a sw\_\_t current of a river *adj.* happening, moving, or capable of moving quickly
53. intellectual f\_\_t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
54. re\_\_\_\_\_nt population *adj.* able to withstand or recover quickly from difficult conditions
55. in\_\_\_\_\_ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
56. b\_\_l weevil *n.* a seed pod or capsule, particularly one from a cotton plant
57. ce\_\_\_\_\_se insulation *n.* a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials
58. a cr\_\_k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
59. flour made from gr\_\_n *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
60. th\_\_\_d a catheter *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

ANSWERS: 51. grain, 52. swift, 53. feat, 54. resilient, 55. influence, 56. boll, 57. cellulose, 58. crack, 59. grain, 60. thread

61. handmade qu\_\_t *n.* a warm bed covering made of padding enclosed between layers of fabric and kept in place by lines of stitching, typically forming a decorative pattern
62. y\_\_n about my past *n.* a long, thin thread or fiber, typically made of wool or cotton, used for knitting, weaving, or sewing; a long, elaborate, or fictional story, often told informally or with exaggeration; (verb) to tell a long, often embellished story or to spin a tale
63. un\_\_\_l a comprehensive plan *v.* to reveal or make something publicly known, especially for the first time
64. armored wa\_\_\_\_r *n.* a person who engaged in or experienced warfare, especially in the past
65. improve social mo\_\_\_\_ty *n.* the ability to move or be moved freely or easily from one place, job, or social class to another
66. ga\_\_\_\_t industry *n.* a piece of clothing, such as a dress, coat, or shirt
67. a heat sh\_\_\_\_d *n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
68. take sw\_\_t action *adj.* happening, moving, or capable of moving quickly
69. residual qu\_\_\_\_ty *n.* the amount or number of something; magnitude

ANSWERS: 61. quilt, 62. yarn, 63. unveil, 64. warrior, 65. mobility, 66. garment, 67. shield, 68. swift, 69. quantity



70. the ul\_\_\_\_te luxury *adj.* furthest or highest in degree or order
71. improve dur\_\_\_\_ty *n.* the ability to withstand wear, pressure, or damage over a while; longevity
72. cr\_\_k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
73. de\_\_e forests *adj.* containing a large number of people or something with little space between them
74. the science of ge\_\_\_\_cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
75. silk ga\_\_\_\_t *n.* a piece of clothing, such as a dress, coat, or shirt
76. higher pixel de\_\_\_\_y *n.* the quality of compactness of a substance
77. pre-mo\_\_\_\_n agricultural society *adj.* of or belonging to the present time or recent times
78. the ul\_\_\_\_te goal in life *adj.* furthest or highest in degree or order
79. a chemical fer\_\_\_\_er *n.* a natural or chemical substance added to soil to make plants grow more successfully
80. fe\_\_\_\_n a room for a party *v.* to drape or decorate with strings of flowers, leaves, or ribbons; to adorn with decorative or festive elements
81. st\_\_\_\_th of the economy *n.* the quality or state of being physically, or sometimes mentally, strong

ANSWERS: 70. ultimate, 71. durability, 72. crack, 73. dense, 74. genetics, 75. garment, 76. density, 77. modern, 78. ultimate, 79. fertilizer, 80. festoon, 81. strength

82. half qu\_\_\_\_ty *n.* the amount or number of something; magnitude
83. in\_\_\_\_\_us smile *adj.* innocent, naive, or unsuspecting, often with a connotation of being childlike or honest; characterized by openness and sincerity of expression or behavior
84. fa\_\_\_c of creation *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
85. str\_\_\_\_\_en a border patrol *v.* to become stronger or more effective; to make someone or something stronger or more effective
86. hunting sp\_\_r *n.* a weapon with a long shaft and a sharp metal point used for battle, hunting, and fishing in the past
87. str\_\_\_\_\_en the immune system *v.* to become stronger or more effective; to make someone or something stronger or more effective
88. op\_\_\_\_\_ze a process *v.* to make the best or most effective use of something
89. spinning y\_\_n *n.* a long, thin thread or fiber, typically made of wool or cotton, used for knitting, weaving, or sewing; a long, elaborate, or fictional story, often told informally or with exaggeration; (verb) to tell a long, often embellished story or to spin a tale
90. mo\_\_\_n poetry *adj.* of or belonging to the present time or recent times

ANSWERS: 82. quantity, 83. ingenuous, 84. fabric, 85. strengthen, 86. spear, 87. strengthen, 88. optimize, 89. yarn, 90. modern

91. in\_\_\_\_\_te lacework *adj.* having many different parts and small details that all work together
92. a person of di\_\_\_\_\_e talents *adj.* including numerous categories of individuals or entities; various
93. s\_\_n thread out of cotton *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
94. es\_\_\_\_\_al amino acid *adj.* indispensable; fundamental
95. de\_\_\_\_\_p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
96. ri\_\_d structure *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
97. mature b\_\_ls *n.* a seed pod or capsule, particularly one from a cotton plant
98. con\_\_\_\_\_ory evidence *adj.* containing or consisting of conflicting or incompatible elements
99. ro\_\_h estimation *adj.* not quite exact or correct; having or caused by an irregular surface
100. un\_\_\_l a monument *v.* to reveal or make something publicly known, especially for the first time
101. complex car\_\_\_\_\_ate *n.* (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals

ANSWERS: 91. intricate, 92. diverse, 93. spin, 94. essential, 95. develop, 96. rigid, 97. boll, 98. contradictory, 99. rough, 100. unveil, 101. carbohydrate

102. apparently con\_\_\_\_\_ory *adj.* containing or consisting of conflicting or incompatible elements
103. st\_\_\_\_\_n joints *v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
104. bu\_\_e at the enterprise *v.* to protrude or extend outward
105. nonsynthetic fer\_\_\_\_\_er *n.* a natural or chemical substance added to soil to make plants grow more successfully
106. inv\_\_\_\_\_te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
107. el\_\_\_\_\_te muscles *v.* to extend something in length; to lengthen, stretch out, or to make longer
108. fi\_\_\_e competition *adj.* severe and violent in a way that is frightening
109. escape p\_d *n.* a seed case, especially of a leguminous plant such as a pea or bean; a detachable container of something, especially on an airplane
110. muscular st\_\_\_\_\_th *n.* the quality or state of being physically, or sometimes mentally, strong
111. evolutionary bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
112. re\_\_\_\_\_l the car *v.* to change the structure or form of something
113. st\_\_\_\_\_n penalties *v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior

ANSWERS: 102. contradictory, 103. stiffen, 104. bulge, 105. fertilizer, 106. investigate, 107. elongate, 108. fierce, 109. pod, 110. strength, 111. biology, 112. remodel, 113. stiffen

114. fl\_\_\_y blanket *adj.* soft and light, often with a texture that resembles feathers or fur
115. we\_\_e a story *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
116. extreme tem\_\_\_\_\_res *n.* the degree of hotness or coldness of a thing or place
117. re\_\_\_\_\_ct an Internet access *v.* to limit someone's actions or movements, or to limit something to lessen its size or prevent it from increasing
118. ce\_\_\_\_\_se acetate *n.* a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials
119. re\_\_\_\_\_ce good behavior *v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
120. la\_\_\_\_\_y accepted *adv.* virtually entirely; to a large degree
121. cr\_\_\_\_\_l information *adj.* extremely vital or necessary
122. a hand-loomed fa\_\_\_c *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
123. in\_\_\_\_\_ce the daily life *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
124. nu\_\_\_\_\_nt medicine *n.* any substance that is essential for the maintenance and growth of living things

ANSWERS: 114. fluffy, 115. weave, 116. temperature, 117. restrict, 118. cellulose, 119. reinforce, 120. largely, 121. crucial, 122. fabric, 123. influence, 124. nutrient

125. gas fi\_\_\_r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
126. synthetic fi\_\_\_r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
127. dis\_\_\_\_\_te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
128. the st\_\_\_\_\_re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
129. car\_\_\_\_\_ate metabolism *n.* (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals
130. a cr\_\_\_\_\_l issue for women *adj.* extremely vital or necessary
131. a p\_\_t of bean plants *n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
132. lack in mo\_\_\_\_\_ty *n.* the ability to move or be moved freely or easily from one place, job, or social class to another
133. f\_\_x diplomatic muscle *v.* to show off one's strength, power, or possessions; to bend or be capable of bending easily

ANSWERS: 125. filter, 126. fiber, 127. distribute, 128. structure, 129. carbohydrate, 130. crucial, 131. pest, 132. mobility, 133. flex

134. a hard and re\_\_\_\_\_nt steel      *adj.* able to withstand or recover quickly from difficult conditions
135. we\_\_e on a loom      *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
136. fl\_\_\_y clouds      *adj.* soft and light, often with a texture that resembles feathers or fur
137. w\_\_p a fish in foil      *v.* to cover or enclose something entirely with paper, cloth, or other material
138. a m\_\_s of molten rock      *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
139. st\_\_\_y young athletes      *adj.* physically strong and not easily damaged
140. de\_\_\_\_\_t money      *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
141. a lon\_\_\_\_\_ing friendship      *adj.* existing or continuing for a long time
142. s\_\_t at law      *n.* a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for
143. de\_\_\_\_\_p a strategy      *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 134. resilient, 135. weave, 136. fluffy, 137. wrap, 138. mass, 139. sturdy, 140. deposit, 141. long-lasting, 142. suit, 143. develop

144. a stone wall su\_\_\_\_\_nds the palace      *v.* to be all around something or somebody
145. mi\_\_\_\_\_re version      *adj.* being on a very small scale
146. te\_\_\_\_\_e production      *n.* any type of cloth made by weaving or felting or knitting
147. lon\_\_\_\_\_ing battery      *adj.* existing or continuing for a long time
148. mental fle\_\_\_\_\_ty      *n.* the quality of changing or being changed easily according to new conditions or situations
149. s\_\_n a top      *v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
150. inv\_\_\_\_\_te a data leak      *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
151. a fi\_\_\_e animal      *adj.* severe and violent in a way that is frightening
152. bu\_\_\_e with books      *v.* to protrude or extend outward
153. environmental det\_\_\_\_\_nt      *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
154. f\_\_t accomplishment      *n.* a notable or impressive achievement, especially one that requires great skill or bravery
155. wa\_\_\_\_\_r spirit      *n.* a person who engaged in or experienced warfare, especially in the past

ANSWERS: 144. surround, 145. miniature, 146. textile, 147. long-lasting, 148. flexibility, 149. spin, 150. investigate, 151. fierce, 152. bulge, 153. determinant, 154. feat, 155. warrior



156. population de\_\_\_\_\_y *n.* the quality of compactness of a substance
157. mi\_\_\_\_\_re camera *adj.* being on a very small scale
158. tissue te\_\_\_\_\_es *n.* any type of cloth made by weaving or felting or knitting
159. qu\_\_t blanket *n.* a warm bed covering made of padding enclosed between layers of fabric and kept in place by lines of stitching, typically forming a decorative pattern
160. wi\_\_\_\_\_nd temptation *v.* to resist the effect or impact of something
161. ha\_\_y plants *adj.* able to withstand harsh conditions or difficult circumstances; robust, sturdy, or resilient
162. de\_\_\_\_\_t accumulation *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
163. ro\_\_h and tough *adj.* not quite exact or correct; having or caused by an irregular surface
164. st\_\_\_y frame *adj.* physically strong and not easily damaged
165. cocoa p\_d *n.* a seed case, especially of a leguminous plant such as a pea or bean; a detachable container of something, especially on an airplane
166. start a new th\_\_\_\_d *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small

opening, in preparation for sewing or stitching

ANSWERS: 156. density, 157. miniature, 158. textile, 159. quilt, 160. withstand, 161. hardy, 162. deposit, 163. rough, 164. sturdy, 165. pod, 166. thread

ANSWERS:

## Session 3: Fill in the Blanks

1. The company plans to \_\_\_\_\_ its new product at the trade show next week.  
*v.* to reveal or make something publicly known, especially for the first time
2. The \_\_\_\_\_ construction workers worked tirelessly in the scorching heat to complete the project.  
*adj.* able to withstand harsh conditions or difficult circumstances; robust, sturdy, or resilient
3. Management must take \_\_\_\_\_ responsibility for the accident.  
*adj.* furthest or highest in degree or order
4. Their headquarters are in a \_\_\_\_\_ skyscraper.  
*adj.* of or belonging to the present time or recent times
5. The \_\_\_\_\_ content in fruits and vegetables contributes to their dietary fiber.  
*n.* a complex carbohydrate that is the main structural component of plant cell walls and fibers; a substance used to make paper, textiles, and other materials
6. He that would eat the kernel must \_\_\_\_\_ the nut.  
*v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
7. The \_\_\_\_\_ thunders echoed across the plain.  
*adj.* severe and violent in a way that is frightening
8. The \_\_\_\_\_ rainstorm caused the collapse of the corral.  
*adj.* not anticipated or regarded as likely to happen

ANSWERS: 1. unveil, 2. hardy, 3. ultimate, 4. modern, 5. cellulose, 6. crack, 7. fierce, 8. unexpected

9. 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
10. The poem depicts the heroics of a legendary \_\_\_\_\_.
- n.* a person who engaged in or experienced warfare, especially in the past
11. They finally decided to solve the \_\_\_\_\_ problem.
- adj.* existing or continuing for a long time
12. The cold weather made my muscles \_\_\_\_\_ up.
- v.* to make or become stiff or rigid; to become inflexible or unyielding in one's attitude or behavior
13. The satellite \_\_\_\_\_ slowly ascended into the sky.
- n.* a small bag made of thin rubber or other light material that can be inflated with air or gas, used as a toy or as a decoration; (verb) to become inflated
14. The new phone is waterproof and can \_\_\_\_\_ being dropped in water.
- v.* to resist the effect or impact of something
15. We \_\_\_\_\_ the number of students per course to twenty.
- v.* to limit someone's actions or movements, or to limit something to lessen its size or prevent it from increasing
16. The girl \_\_\_\_\_ a garland for her friend.
- v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them

ANSWERS: 9. determinant, 10. warrior, 11. long-lasting, 12. stiffen, 13. balloon, 14. withstand, 15. restrict, 16. weaves

17. The muscles in his arm \_\_\_\_\_ as he lifted the heavyweights.  
*v.* to protrude or extend outward
18. This bridge is the third largest \_\_\_\_\_ bridge in the world.  
*n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
19. The price of raw \_\_\_\_\_ continued to rise.  
*n.* a plant that is grown in warm countries and bears bolls containing seeds with soft and long hairs that are made into textile fiber and thread for sewing
20. Six \_\_\_\_\_ are awaiting trial or verdict.  
*n.* a set of clothes that are made from the same material; a claim or complaint that a person or organization can file in court against another party; (verb) to be fit or acceptable for
21. The stage was \_\_\_\_\_ with flowers for the wedding ceremony.  
*v.* to drape or decorate with strings of flowers, leaves, or ribbons; to adorn with decorative or festive elements
22. The entire mountain is covered in \_\_\_\_\_ rainforest.  
*adj.* containing a large number of people or something with little space between them
23. Grandma used to knit a cozy blanket from soft \_\_\_\_\_ to keep us warm in winter.  
*n.* a long, thin thread or fiber, typically made of wool or cotton, used for knitting, weaving, or sewing; a long, elaborate, or fictional story, often told informally or with exaggeration; (verb) to tell a long, often embellished story or to spin a tale
24. We should \_\_\_\_\_ the troops at the front line.  
*v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger

ANSWERS: 17. bulged, 18. steel, 19. cotton, 20. suits, 21. festooned, 22. dense, 23. yarns, 24. reinforce

25. Foods high in \_\_\_\_\_ include bread, pasta, and rice.  
*n.* (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals
26. The phenomenon is \_\_\_\_\_ at optical wavelengths.  
*adj.* impossible or nearly impossible to see
27. The scientist used a digital \_\_\_\_\_ to measure the exact thickness of the material.  
*n.* a tool for measuring small distances or dimensions, typically accurate to within one-thousandth of a millimeter
28. The essence of economics is to \_\_\_\_\_ the allocation of limited resources.  
*v.* to make the best or most effective use of something
29. On three sides, mountains \_\_\_\_\_ the settlement.  
*v.* to be all around something or somebody
30. The committee \_\_\_\_\_ several apparent inconsistencies.  
*v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
31. Ozone is a primary \_\_\_\_\_ to protect Earth's surface from harmful UV rays.  
*n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
32. We must \_\_\_\_\_ a new system to streamline our workflow and increase efficiency.  
*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 25. carbohydrates, 26. invisible, 27. micrometer, 28. optimize, 29. surround, 30. investigated, 31. filter, 32. develop

33. The tornado is \_\_\_\_\_ across the countryside, destroying everything in its path.  
*v.* to cause something to rotate rapidly; to cause someone to feel dizzy or disoriented
34. The vehicle bounced along the \_\_\_\_\_ mountain road.  
*adj.* not quite exact or correct; having or caused by an irregular surface
35. Nitrogen fixation by the Haber-Bosch method leads to the mass production of \_\_\_\_\_.  
*n.* a natural or chemical substance added to soil to make plants grow more successfully
36. They used fast-acting \_\_\_\_\_ on the flowers in the flower beds.  
*n.* any substance that is essential for the maintenance and growth of living things
37. Ordinary air purifiers cannot adequately remove pollen \_\_\_\_\_.  
*n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
38. His estate was \_\_\_\_\_ to his sons.  
*v.* to give something to a large number of individuals, or to spread or furnish something
39. The artist's \_\_\_\_\_ approach to painting showcased a fresh and original perspective.  
*adj.* innocent, naive, or unsuspecting, often with a connotation of being childlike or honest; characterized by openness and sincerity of expression or behavior
40. New York is a city with a \_\_\_\_\_ ethnic population.  
*adj.* including numerous categories of individuals or entities; various

ANSWERS: 33. spinning, 34. rough, 35. fertilizers, 36. nutrients, 37. grains, 38. distributed, 39. ingenuous, 40. diverse



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

*adv.* virtually entirely; to a large degree

42. We are \_\_\_\_\_ these rooms now.

*v.* to change the structure or form of something

43. The vehicle is \_\_\_\_\_ enough to handle rough terrain.

*adj.* physically strong and not easily damaged

44. We dealt with those problems with speed and \_\_\_\_\_.

*n.* the quality of changing or being changed easily according to new conditions or situations

45. We must consume dietary \_\_\_\_\_ to maintain good health.

*n.* thread or filament used to make a vegetable tissue, mineral material, or textile

46. My grandmother made me a beautiful \_\_\_\_\_ as a gift for my wedding.

*n.* a warm bed covering made of padding enclosed between layers of fabric and kept in place by lines of stitching, typically forming a decorative pattern

47. Do you know the \_\_\_\_\_ of the population in Hong Kong?

*n.* the quality of compactness of a substance

48. China's \_\_\_\_\_ industry has developed rapidly with the input of foreign capital.

*n.* any type of cloth made by weaving or felting or knitting

49. The room was only one \_\_\_\_\_ wider than the piano, making it a tight fit.

*n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

ANSWERS: 41. largely, 42. remodeling, 43. sturdy, 44. flexibility, 45. fiber, 46. quilt, 47. density, 48. textile, 49. centimeter

50. The gymnast was able to \_\_\_\_\_ his muscles to perform the difficult routine.  
*v.* to show off one's strength, power, or possessions; to bend or be capable of bending easily
51. In southward, the average annual water \_\_\_\_\_ increases.  
*n.* the amount or number of something; magnitude
52. The gardener used natural methods to keep \_\_\_\_\_ away from her plants.  
*n.* a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
53. The \_\_\_\_\_ of people who do not own property is politically impotent.  
*n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
54. The kitten had \_\_\_\_\_ fur that was soft to the touch.  
*adj.* soft and light, often with a texture that resembles feathers or fur
55. Difficulties \_\_\_\_\_ the mind, as labor does the body.  
*v.* to become stronger or more effective; to make someone or something stronger or more effective
56. The yoga instructor told us to \_\_\_\_\_ our spines during the practice.  
*v.* to extend something in length; to lengthen, stretch out, or to make longer
57. \_\_\_\_\_ the bandage tightly around the injured arm.  
*v.* to cover or enclose something entirely with paper, cloth, or other material
58. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things

ANSWERS: 50. flex, 51. quantity, 52. pests, 53. mass, 54. fluffy, 55. strengthen, 56. elongate, 57. Wrap, 58. biology

59. These synthetic \_\_\_\_\_ are used in military vests because of their excellent abrasion resistance.
- n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
60. The revitalization of technology companies is \_\_\_\_\_ to the country's growth.
- adj.* extremely vital or necessary
61. The cotton \_\_\_\_\_ was picked from the field and taken to the gin for processing.
- n.* a seed pod or capsule, particularly one from a cotton plant
62. Cities around the world set records for highest \_\_\_\_\_ this summer.
- n.* the degree of hotness or coldness of a thing or place
63. I made a \_\_\_\_\_ at the bank to add money to my account.
- n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
64. The \_\_\_\_\_ of whales swam gracefully through the water.
- n.* a seed case, especially of a leguminous plant such as a pea or bean; a detachable container of something, especially on an airplane
65. Ancient people made \_\_\_\_\_ with wood entirely.
- n.* a weapon with a long shaft and a sharp metal point used for battle, hunting, and fishing in the past
66. She hung the wet \_\_\_\_\_ on the clothesline to dry.
- n.* a piece of clothing, such as a dress, coat, or shirt

ANSWERS: 59. fabrics, 60. crucial, 61. boll, 62. temperatures, 63. deposit, 64. pod, 65. spears, 66. garment

67. Lead is an effective \_\_\_\_\_ against X-rays, gamma rays, and other harmful radiation.
- n.* a protective covering or structure, especially in the past, that soldiers held in front of their bodies to protect themselves
68. His statements were \_\_\_\_\_ leaving the audience confused.
- adj.* containing or consisting of conflicting or incompatible elements
69. The organizational \_\_\_\_\_ of start-ups is often flat and straightforward.
- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
70. I have limited \_\_\_\_\_ in my arms.
- n.* the ability to move or be moved freely or easily from one place, job, or social class to another
71. The detective followed a \_\_\_\_\_ of clues which ultimately led to the suspect's arrest.
- n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching
72. She is a \_\_\_\_\_ person and has always bounced back from setbacks.
- adj.* able to withstand or recover quickly from difficult conditions
73. The politician managed to deal with that \_\_\_\_\_ issue.
- adj.* having many different parts and small details that all work together

ANSWERS: 67. shield, 68. contradictory, 69. structure, 70. mobility, 71. thread, 72. resilient, 73. intricate

74. The former emperor had a particular \_\_\_\_\_ even after he abdicated.  
*n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
75. The \_\_\_\_\_ of this jacket is impressive, and it has held up for years.  
*n.* the ability to withstand wear, pressure, or damage over a while; longevity
76. I need to buy a pack of \_\_\_\_\_ for my baby before we run out.  
*n.* a soft, absorbent piece of material worn by babies and young children around their waist and between their legs to catch urine and feces
77. He was unpopular because of his \_\_\_\_\_ adherence to the rules.  
*adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
78. He is a specialist in the \_\_\_\_\_ of aging.  
*n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
79. It is an incredible \_\_\_\_\_ to climb Mount Everest, the highest mountain in the world.  
*n.* a notable or impressive achievement, especially one that requires great skill or bravery
80. He did complicated pen-and-ink drawings like medieval \_\_\_\_\_.  
*adj.* being on a very small scale
81. Health and \_\_\_\_\_ are, above all, gold.  
*n.* the quality or state of being physically, or sometimes mentally, strong

ANSWERS: 74. influence, 75. durability, 76. diapers, 77. rigid, 78. genetics, 79. feat, 80. miniatures, 81. strength

82. Trial and error is an \_\_\_\_\_ part of education.

*adj.* indispensable; fundamental

83. Her voice was \_\_\_\_\_ yet ever the last words fell lingeringly.

*adj.* happening, moving, or capable of moving quickly

ANSWERS: 82. essential, 83. swift,