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## Vocabulary Builder Reference from...

Laura Indolfi: Good news in the fight against pancreatic cancer | TED Talk

[https://www.ted.com/talks/laura\\_indolfi\\_good\\_news\\_in\\_the\\_fight\\_against\\_pancreatic\\_cancer](https://www.ted.com/talks/laura_indolfi_good_news_in_the_fight_against_pancreatic_cancer)

### All Words

#### IMPORTANT

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## Session 1: Word List

### pancreas

*n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

*synonym* : gland, organ, islet

(1) **pancreas** inflammation, (2) **pancreas** function

The endocrine function of the **pancreas** involves the secretion of hormones such as insulin.

### cancer

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

*synonym* : tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

### lethal

*adj.* causing or capable of causing death; extremely dangerous

*synonym* : destructive, fatal, brutal

(1) **lethal** injection, (2) **lethal** weapon

Malignant hypertension is the most **lethal** form of hypertension.

## disease

*n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

*synonym* : illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

## 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.

## 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.

## breast

*n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth

*synonym* : bosom, chest, bust

(1) **breast** cancer, (2) the mountain's **breast**

He grilled the **breast** meat of a chicken.

## survival

*n.* the state of continuing to exist or live, frequently in the face of difficulty or danger

*synonym* : endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

## diagnose

*v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

*synonym* : identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

## shocking

*adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

*synonym* : startling, surprising, astounding

(1) **shocking** response, (2) **shocking** revelation

The news of the accident was **shocking** and left many in shock.

## progression

*n.* the act or process of changing to the next stage or phase or moving forward

*synonym* : advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

## tumor

*n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

*synonym* : neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

## biomedical

*adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

*synonym* : medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical**

**Biomedical** engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

## entrepreneur

*n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks

*synonym* : founder, executive

(1) a successful **entrepreneur**, (2) billionaire **entrepreneur**

**Entrepreneurs** willingly accept business risks to achieve success.

## innovative

*adj.* introducing or using new methods, ideas, etc.

*synonym*: creative, ingenious, inventive

(1) use of **innovative** technology, (2) stylistically **innovative** works

The Prime Minister stressed the need to create **innovative** industries.

## outcome

*n.* the result or effect of an action, event, etc.

*synonym*: result, consequence, effect

(1) improved student **outcomes**, (2) a desirable **outcome**

They awaited news of the **outcome** of the election.

## belly

*n.* the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft

*synonym*: stomach, abdomen, gut

(1) the **belly** of the ship, (2) with an empty **belly**

She had a tattoo just above her **belly** button.

## depict

*v.* to illustrate someone or something in a photograph

*synonym*: illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

## 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.

## vital

*adj.* necessary for the success or continued existence of something

*synonym*: critical, crucial, invigorating

(1) play a **vital** role, (2) **vital** for a healthy society

Perseverance and optimism are **vital** to success.

## **liver**

*n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**

The patient will undergo **liver** transplant surgery tomorrow.

## **stomach**

*n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach

*synonym* : belly, abdomen, gut

(1) upset **stomach**, (2) **stomach** virus

I have a **stomach** ache after overeating junk food.

## **bile**

*n.* a digestive fluid produced by the liver and stored in the gallbladder, which helps to break down fats in the small intestine; bitterness or spitefulness

*synonym* : gall, bitterness, acrimony

(1) **bile** secretion, (2) **bile** duct

The doctor identified excess **bile** in the patient's bloodstream, indicating a possible liver or gallbladder issue.

## **duct**

*n.* a tube, pipe, or channel for conveying air, water, or other substances

*synonym* : tube, pipe, channel

(1) breast **duct**, (2) **duct** tape

The air **ducts** in the building needed to be cleaned to improve the air quality.

## **locate**

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

*synonym* : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

## surgery

*n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

*synonym*: operation, (medical) procedure

(1) cardiac **surgery**, (2) the professor of **surgery**

He had undergone heart **surgery** years before.

## routinely

*adv.* on a regular or habitual basis; in a manner that is customary or expected

*synonym*: habitually, regularly, customarily

(1) **routinely** check, (2) **routinely** scheduled maintenance

They **routinely** conduct fire drills to ensure everyone in the building knows what to do in an emergency.

## chemotherapy

*n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation

*synonym*: anticancer treatment, radiotherapy, immunotherapy

(1) **chemotherapy** regimen, (2) **chemotherapy** side effects

Many cancer patients undergo **chemotherapy** as a treatment option.

## vessel

*n.* a ship or large boat

*synonym*: boat, ship, craft

(1) blood **vessels**, (2) naval **vessels**

The **vessel** arrived in port the following day.

## inject

*v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

*synonym*: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

## vein

*n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

*synonym* : artery, blood vessel, capillary

(1) spider **vein**, (2) collapsed **vein**

The nurse inserted the needle into the **vein** in his arm to draw blood.

## navigate

*v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map

*synonym* : guide, helm, voyage

(1) **navigate** the Pacific, (2) **navigate** through a document

Our knowledge helps **navigate** our clients successfully.

## highway

*n.* a main road, especially one connecting major towns or cities

*synonym* : road, expressway, freeway

(1) **highway** system, (2) an interstate **highway**

I'm going to take the **highway** to get to my destination faster.

## destination

*n.* the place to which someone or something is going or being sent; the ultimate purpose or goal of a journey or action

*synonym* : location, endpoint, target

(1) travel **destination**, (2) romantic **destinations**

I am excited to reach my **destination** and explore the new city finally.

## toxic

*adj.* of or relating to or caused by a poison; poisonous

*synonym* : poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals

This chemical compound is a thousand-fold more **toxic**.

## counterintuitive

*adj.* contrary to what common sense would suggest

*synonym* : unreasonable, paradoxical, nonsensical

(1) **counterintuitive** results, (2) **counterintuitive** behavior

The **counterintuitive** nature of quantum physics has been a source of confusion for scientists for decades.

## specific

*adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

*synonym*: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

## collaborate

*v.* to work with someone else to produce or achieve something

*synonym*: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

## revolution

*n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

*synonym*: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

## delivery

*n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth

*synonym*: sending, transporting, bringing

(1) an easy **delivery**, (2) special **delivery**

The **delivery** truck arrived with the packages.

## parachute

*n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air

(1) **parachute** troops, (2) golden **parachute**



This training includes emergency escape drills with **parachutes**.

## embedded

*adj.* fixed firmly into the surface of something

*synonym* : ingrained, implanted, inserted

(1) **embedded** systems, (2) LED- **embedded** glass

The **embedded** chip in my credit card allows me to make contactless payments.

## 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.

## flexible

*adj.* able to change or be changed to suit new conditions or situations; able to bend easily

*synonym* : adaptable, elastic, pliable

(1) **flexible** schedules, (2) a **flexible** wire

You can be more **flexible** and creative in your approach.

## catheter

*n.* a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure

*synonym* : tube, drainage tube, pipe

(1) insert **catheter**, (2) urinary **catheter**

After the surgery, the patient was required to wear a **catheter** for several days.

## implant

*v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

*synonym* : insert, fix, place

(1) **implant** genes in the animals, (2) **implant** into the uterus

The doctor will **implant** a pacemaker to regulate his heart

rate.

## invasive

*adj.* spreading very quickly, and often aggressively, and difficult to stop

*synonym* : aggressive, rampant, spreading

(1) **invasive** breast cancer, (2) **invasive** species

The **invasive** disease can spread quickly and potentially cause a global pandemic.

## solid

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

*synonym* : stable, reliable, hard

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

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

## cage

*n.* a structure made of metal bars or wire in which birds or animals can be kept

*synonym* : enclosure, jail, corral

(1) an insect **cage**, (2) a bird in a **cage**

The trapped bear is running amok in its **cage**.

## physically

*adv.* in a way related to a person's body or appearance rather than their mind

(1) **physically** and mentally, (2) stay **physically** fit

Having a **physically** healthy physique is essential for a great life.

## metastatic

*adj.* used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system

*synonym* : spreading, invasive, secondary

(1) **metastatic** disease, (2) **metastatic** spreading

**Metastatic** cancer has spread from its original site to other body parts.

## biodegrade

*v.* to decay naturally by microorganisms, such as bacteria and fungi

(1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**

The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

## dissolve

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

*synonym* : disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

## clinical

*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

*synonym* : dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials

She received special **clinical** training at the hospital.

## 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?

## improve

v. to make or become better

*synonym* : enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

## systemic

*adj.* affecting or related to the whole of something, especially the human body or a society

(1) the **systemic** arteries, (2) **systemic** reforms of the organization

This vaccine causes mild **systemic** side effects.

## relentless

*adj.* persistent and determined; continuing despite difficulties or setbacks

*synonym* :

unyielding, tireless, unremitting

(1) **relentless** attack, (2) face **relentless** pressure  
The athlete's **relentless** training paid off in the end.

## approval

*n.* the belief that someone or something is good or acceptable

*synonym*: acceptance, endorsement, permission

(1) a written **approval**, (2) express my **approval**

This project took a lot of time to get the president's **approval**.

## extend

*v.* to broaden in scope, range, or area

*synonym*: prolong, lengthen, advance

(1) **extend** the warranty, (2) **extend** a line

Her visit will **extend** from Monday to Friday.

## curable

*adj.* describing an illness or condition that can be treated or remedied to restore health; having the potential to be alleviated or resolved

*synonym*: healable, treatable, remediable

(1) **curable** disease, (2) **curable** condition

Most cases of the common cold are **curable** with rest and over-the-counter medications.

## rethink

*v.* to consider again a plan, idea, etc., especially to change it

*synonym*: reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager

We have to **rethink** our company's product lineup for further growth.

## Session 2: Spelling

- |                                    |  |
|------------------------------------|--|
| 1. an interstate hi_____y          | <i>n.</i> a main road, especially one connecting major towns or cities   |
| 2. cutting-edge bio_____al         | <i>adj.</i> relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare               |
| 3. a desirable ou_____e            | <i>n.</i> the result or effect of an action, event, etc.   |
| 4. su_____nd a town                | <i>v.</i> to be all around something or somebody   |
| 5. ro_____ly scheduled maintenance | <i>adv.</i> on a regular or habitual basis; in a manner that is customary or expected  |
| 6. ex____d a line                  | <i>v.</i> to broaden in scope, range, or area  |
| 7. em_____ed systems               | <i>adj.</i> fixed firmly into the surface of something   |
| 8. insert ca_____er                | <i>n.</i> a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure |
| 9. a successful ent_____eur        | <i>n.</i> an individual who creates or invests in one or more businesses, especially when this involves taking financial risks                         |
| 10. col_____te on a press release  | <i>v.</i> to work with someone else to produce or achieve something  |
| 11. an easy de_____ry              | <i>n.</i> the act of taking or sending something to a destination; the bringing of a baby during childbirth  |

ANSWERS: 1. highway, 2. biomedical, 3. outcome, 4. surround, 5. routinely, 6. extend, 7. embedded, 8. catheter, 9. entrepreneur, 10. collaborate, 11. delivery

12. cu\_\_\_\_e condition *adj.* describing an illness or condition that can be treated or remedied to restore health; having the potential to be alleviated or resolved
13. tu\_\_r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
14. phy\_\_\_\_\_ly and mentally *adv.* in a way related to a person's body or appearance rather than their mind
15. di\_\_\_\_ve the sugar *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
16. in\_\_\_\_t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
17. sp\_\_\_\_ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
18. tu\_\_r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
19. im\_\_\_\_e the test score *v.* to make or become better
20. pro\_\_\_\_\_on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
21. re\_\_\_\_k the role of the manager *v.* to consider again a plan, idea, etc., especially to change it
22. rel\_\_\_\_\_ss attack *adj.* persistent and determined; continuing despite difficulties or setbacks

ANSWERS: 12. curable, 13. tumor, 14. physically, 15. dissolve, 16. inject, 17. specific, 18. tumor, 19. improve, 20. progression, 21. rethink, 22. relentless

23. ex\_\_\_d the warranty *v.* to broaden in scope, range, or area
24. cou\_\_\_\_\_ive behavior *adj.* contrary to what common sense would suggest
25. tracking de\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
26. re\_\_\_\_\_k a marketing plan *v.* to consider again a plan, idea, etc., especially to change it
27. di\_\_\_\_\_se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
28. the sy\_\_\_\_\_ic arteries *adj.* affecting or related to the whole of something, especially the human body or a society
29. with an empty be\_\_y *n.* the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft
30. stay phy\_\_\_\_\_ly fit *adv.* in a way related to a person's body or appearance rather than their mind
31. che\_\_\_\_\_apy side effects *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
32. pa\_\_\_\_\_as function *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

ANSWERS: 23. extend, 24. counterintuitive, 25. device, 26. rethink, 27. diagnose, 28. systemic, 29. belly, 30. physically, 31. chemotherapy, 32. pancreas

33. met\_\_\_\_\_ic disease *adj.* used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system
34. industry-sp\_\_\_\_\_ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
35. billionaire ent\_\_\_\_\_eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
36. sy\_\_\_\_\_ic reforms of the organization *adj.* affecting or related to the whole of something, especially the human body or a society
37. im\_\_\_\_\_t genes in the animals *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
38. di\_\_\_\_\_e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
39. vi\_\_l for a healthy society *adj.* necessary for the success or continued existence of something
40. in\_\_\_\_\_ve breast cancer *adj.* spreading very quickly, and often aggressively, and difficult to stop
41. an insect c\_\_e *n.* a structure made of metal bars or wire in which birds or animals can be kept
42. in\_\_\_\_\_ve species *adj.* spreading very quickly, and often aggressively, and difficult to stop
43. im\_\_\_\_\_t into the uterus *v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind

ANSWERS: 33. metastatic, 34. specific, 35. entrepreneur, 36. systemic, 37. implant, 38. disease, 39. vital, 40. invasive, 41. cage, 42. invasive, 43. implant



44. ca\_\_\_r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
45. cl\_\_\_\_\_al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
46. cu\_\_\_\_\_e disease *adj.* describing an illness or condition that can be treated or remedied to restore health; having the potential to be alleviated or resolved
47. di\_\_\_\_\_e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
48. sh\_\_\_\_\_ng revelation *adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust
49. di\_\_\_\_\_se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
50. col\_\_\_\_\_te with the police *v.* to work with someone else to produce or achieve something
51. the be\_\_y of the ship *n.* the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft
52. ca\_\_\_r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 44. cancer, 45. clinical, 46. curable, 47. disease, 48. shocking, 49. diagnose, 50. collaborate, 51. belly, 52. cancer

53. de\_\_\_t a scene *v.* to illustrate someone or something in a photograph
54. ro\_\_\_\_\_ly check *adv.* on a regular or habitual basis; in a manner that is customary or expected
55. lo\_\_\_e a tumor *v.* to specify or determine the exact position of someone or something
56. stylistically inn\_\_\_\_\_ve works *adj.* introducing or using new methods, ideas, etc.
57. to\_\_c molecule *adj.* of or relating to or caused by a poison; poisonous
58. blood ve\_\_\_ls *n.* a ship or large boat
59. officially di\_\_\_\_\_ved the marriage *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
60. su\_\_\_\_\_e a blizzard *v.* to live or exist despite a dangerous event or period
61. a bird in a c\_\_e *n.* a structure made of metal bars or wire in which birds or animals can be kept
62. pa\_\_\_\_\_te troops *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
63. bioplastic designed to bio\_\_\_\_\_de *v.* to decay naturally by microorganisms, such as bacteria and fungi
64. exposure to to\_\_c chemicals *adj.* of or relating to or caused by a poison; poisonous
65. collapsed v\_\_n *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

ANSWERS: 53. depict, 54. routinely, 55. locate, 56. innovative, 57. toxic, 58. vessel, 59. dissolve, 60. survive, 61. cage, 62. parachute, 63. biodegrade, 64. toxic, 65. vein

66. use of inn\_\_\_\_\_ve technology      *adj.* introducing or using new methods, ideas, etc.
67. su\_\_\_\_\_e a plane crash      *v.* to live or exist despite a dangerous event or period
68. dem\_\_\_\_\_te a difference      *v.* to display something or give an exhibition to an interested audience
69. 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
70. b\_\_e duct      *n.* a digestive fluid produced by the liver and stored in the gallbladder, which helps to break down fats in the small intestine; bitterness or spitefulness
71. upset st\_\_\_\_\_h      *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
72. spider v\_\_n      *n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation
73. beginning of the industrial  
rev\_\_\_\_\_on      *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
74. dem\_\_\_\_\_te mastery      *v.* to display something or give an exhibition to an interested audience

ANSWERS: 66. innovative, 67. survive, 68. demonstrate, 69. patient, 70. bile, 71. stomach, 72. vein, 73. revolution, 74. demonstrate

75. golden pa\_\_\_\_\_te *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
76. a written ap\_\_\_\_\_al *n.* the belief that someone or something is good or acceptable
77. hi\_\_\_\_\_y system *n.* a main road, especially one connecting major towns or cities
78. su\_\_\_\_\_al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
79. romantic des\_\_\_\_\_ons *n.* the place to which someone or something is going or being sent; the ultimate purpose or goal of a journey or action
80. le\_\_\_\_l weapon *adj.* causing or capable of causing death; extremely dangerous
81. naval ve\_\_\_\_ls *n.* a ship or large boat
82. travel des\_\_\_\_\_on *n.* the place to which someone or something is going or being sent; the ultimate purpose or goal of a journey or action
83. lo\_\_\_\_e a missing pet *v.* to specify or determine the exact position of someone or something
84. le\_\_\_\_l injection *adj.* causing or capable of causing death; extremely dangerous
85. a fl\_\_\_\_\_le wire *adj.* able to change or be changed to suit new conditions or situations; able to bend easily

ANSWERS: 75. parachute, 76. approval, 77. highway, 78. survival, 79. destination, 80. lethal, 81. vessel, 82. destination, 83. locate, 84. lethal, 85. flexible

86. fl\_\_\_\_le schedules *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
87. sh\_\_\_\_ng response *adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust
88. cardiac su\_\_\_\_y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
89. so\_\_d ally *adj.* hard or firm; characterized by good substantial quality
90. br\_\_\_\_t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
91. d\_\_t tape *n.* a tube, pipe, or channel for conveying air, water, or other substances
92. so\_\_d employment measures *adj.* hard or firm; characterized by good substantial quality
93. pro\_\_\_\_on of disease *n.* the act or process of changing to the next stage or phase or moving forward
94. improved student ou\_\_\_\_es *n.* the result or effect of an action, event, etc.
95. 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

ANSWERS: 86. flexible, 87. shocking, 88. surgery, 89. solid, 90. breast, 91. duct, 92. solid, 93. progression, 94. outcome, 95. patient

96. the mountain's br\_\_\_t *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
97. in\_\_\_t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
98. a stone wall su\_\_\_\_nds the palace *v.* to be all around something or somebody
99. st\_\_\_\_h virus *n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
100. li\_\_r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
101. na\_\_\_\_te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
102. im\_\_\_\_e a process *v.* to make or become better
103. de\_\_\_t a feeling of isolation *v.* to illustrate someone or something in a photograph
104. a political rev\_\_\_\_on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
105. special de\_\_\_\_ry *n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth

ANSWERS: 96. breast, 97. inject, 98. surround, 99. stomach, 100. liver, 101. navigate, 102. improve, 103. depict, 104. revolution, 105. delivery

106. na\_\_\_\_te through a document      *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
107. face rel\_\_\_\_\_ss pressure      *adj.* persistent and determined; continuing despite difficulties or setbacks
108. su\_\_\_\_al ability      *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
109. participate in cl\_\_\_\_\_al trials      *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
110. play a vi\_\_l role      *adj.* necessary for the success or continued existence of something
111. b\_\_e secretion      *n.* a digestive fluid produced by the liver and stored in the gallbladder, which helps to break down fats in the small intestine; bitterness or spitefulness
112. met\_\_\_\_\_ic spreading      *adj.* used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system
113. cou\_\_\_\_\_ive results      *adj.* contrary to what common sense would suggest
114. fatty li\_\_r      *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
115. bio\_\_\_\_\_al assay      *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

ANSWERS: 106. navigate, 107. relentless, 108. survival, 109. clinical, 110. vital, 111. bile, 112. metastatic, 113. counterintuitive, 114. liver, 115. biomedical

116. che\_\_\_\_\_apy regimen *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
117. the professor of su\_\_\_\_\_y *n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures
118. bio\_\_\_\_\_de by the microorganism *v.* to decay naturally by microorganisms, such as bacteria and fungi
119. electronic de\_\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
120. urinary ca\_\_\_\_\_er *n.* a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure
121. LED-em\_\_\_\_\_ed glass *adj.* fixed firmly into the surface of something
122. breast d\_\_t *n.* a tube, pipe, or channel for conveying air, water, or other substances
123. pa\_\_\_\_\_as inflammation *n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine

ANSWERS: 116. chemotherapy, 117. surgery, 118. biodegrade, 119. device, 120. catheter, 121. embedded, 122. duct, 123. pancreas



124. express my ap\_\_\_\_\_al

*n.* the belief that someone or something is good or acceptable

ANSWERS: 124. approval

## Session 3: Fill in the Blanks

1. 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
2. I'm going to take the \_\_\_\_\_ to get to my destination faster.  
*n.* a main road, especially one connecting major towns or cities
3. The endocrine function of the \_\_\_\_\_ involves the secretion of hormones such as insulin.  
*n.* a glandular organ in the digestive system that produces several important hormones, including insulin and glucagon, as well as digestive enzymes that help break down food in the small intestine
4. After the surgery, the patient was required to wear a \_\_\_\_\_ for several days.  
*n.* a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure
5. The doctor identified excess \_\_\_\_\_ in the patient's bloodstream, indicating a possible liver or gallbladder issue.  
*n.* a digestive fluid produced by the liver and stored in the gallbladder, which helps to break down fats in the small intestine; bitterness or spitefulness
6. The \_\_\_\_\_ arrived in port the following day.  
*n.* a ship or large boat
7. He grilled the \_\_\_\_\_ meat of a chicken.  
*n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth

ANSWERS: 1. patient's, 2. highway, 3. pancreas, 4. catheter, 5. bile, 6. vessel, 7. breast

8. I am excited to reach my \_\_\_\_\_ and explore the new city finally.  
*n.* the place to which someone or something is going or being sent; the ultimate purpose or goal of a journey or action
9. She had a tattoo just above her \_\_\_\_\_ button.  
*n.* the front part of the body below the chest, containing the stomach and bowels; the rounded or curved part of an object, such as a ship or aircraft
10. The robot can accurately \_\_\_\_\_ construction material.  
*v.* to specify or determine the exact position of someone or something
11. This training includes emergency escape drills with \_\_\_\_\_.  
*n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
12. The doctor will \_\_\_\_\_ a pacemaker to regulate his heart rate.  
*v.* to insert or fix an artificial device in a person's body; to put an idea, attitude, etc., firmly in the mind
13. She received special \_\_\_\_\_ training at the hospital.  
*adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
14. The Prime Minister stressed the need to create \_\_\_\_\_ industries.  
*adj.* introducing or using new methods, ideas, etc.
15. The \_\_\_\_\_ chip in my credit card allows me to make contactless payments.  
*adj.* fixed firmly into the surface of something

ANSWERS: 8. destination, 9. belly, 10. locate, 11. parachutes, 12. implant, 13. clinical, 14. innovative, 15. embedded

16. The company's plastic products are easily \_\_\_\_\_ thanks to a unique manufacturing process.

*v.* to decay naturally by microorganisms, such as bacteria and fungi

17. This vaccine causes mild \_\_\_\_\_ side effects.

*adj.* affecting or related to the whole of something, especially the human body or a society

18. This chemical compound is a thousand-fold more \_\_\_\_\_.

*adj.* of or relating to or caused by a poison; poisonous

19. Most cases of the common cold are \_\_\_\_\_ with rest and over-the-counter medications.

*adj.* describing an illness or condition that can be treated or remedied to restore health; having the potential to be alleviated or resolved

20. We want to \_\_\_\_\_ ties between our two countries.

*v.* to make or become better

21. The scientist conducted a study that provided \_\_\_\_\_ details about the species' behavior.

*adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

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

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

23. She agreed to \_\_\_\_\_ with him in creating new artwork.

*v.* to work with someone else to produce or achieve something

ANSWERS: 16. biodegraded, 17. systemic, 18. toxic, 19. curable, 20. improve, 21. specific, 22. solid-state, 23. collaborate

24. \_\_\_\_\_ cancer has spread from its original site to other body parts.  
*adj.* used to describe cancer cells that have spread from the primary site of origin to other parts of the body through the bloodstream or lymphatic system
25. The patient was diagnosed with a \_\_\_\_\_ in her lung.  
*n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
26. How can you \_\_\_\_\_ that the earth is a sphere?  
*v.* to display something or give an exhibition to an interested audience
27. He evaluated his chances for \_\_\_\_\_ rather pessimistically.  
*n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
28. The trapped bear is running amok in its \_\_\_\_\_.  
*n.* a structure made of metal bars or wire in which birds or animals can be kept
29. I have a \_\_\_\_\_ ache after overeating junk food.  
*n.* the internal organ in the body where food is digested, situated in the abdomen; the part of the body below the chest that contains the stomach
30. The company has made great strides in its \_\_\_\_\_ toward sustainability.  
*n.* the act or process of changing to the next stage or phase or moving forward
31. These birds can only \_\_\_\_\_ in temperate climates.  
*v.* to live or exist despite a dangerous event or period
32. He had undergone heart \_\_\_\_\_ years before.  
*n.* medical treatment of injuries or diseases involving an incision with instruments and often removing or replacing some parts of the body; the branch of medical science that treats disease or injury by operative procedures

ANSWERS: 24. Metastatic, 25. tumor, 26. demonstrate, 27. survival, 28. cage, 29. stomach, 30. progression, 31. survive, 32. surgery

33. The doctor diagnosed him with a rare \_\_\_\_\_ that had no known cure.  
*n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
34. Her visit will \_\_\_\_\_ from Monday to Friday.  
*v.* to broaden in scope, range, or area
35. His son had accurately \_\_\_\_\_ the bloom.  
*v.* to illustrate someone or something in a photograph
36. The \_\_\_\_\_ disease can spread quickly and potentially cause a global pandemic.  
*adj.* spreading very quickly, and often aggressively, and difficult to stop
37. The patient will undergo \_\_\_\_\_ transplant surgery tomorrow.  
*n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
38. Our knowledge helps \_\_\_\_\_ our clients successfully.  
*v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
39. Having a \_\_\_\_\_ healthy physique is essential for a great life.  
*adv.* in a way related to a person's body or appearance rather than their mind
40. They awaited news of the \_\_\_\_\_ of the election.  
*n.* the result or effect of an action, event, etc.
41. \_\_\_\_\_ willingly accept business risks to achieve success.  
*n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks

ANSWERS: 33. disease, 34. extend, 35. depicted, 36. invasive, 37. liver, 38. navigate, 39. physically, 40. outcome, 41. Entrepreneurs

42. They \_\_\_\_\_ conduct fire drills to ensure everyone in the building knows what to do in an emergency.

*adv.* on a regular or habitual basis; in a manner that is customary or expected

43. The \_\_\_\_\_ by the citizen resulted in a redistribution of wealth.

*n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

44. The political party \_\_\_\_\_ after much internal fighting.

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

45. The \_\_\_\_\_ nature of quantum physics has been a source of confusion for scientists for decades.

*adj.* contrary to what common sense would suggest

46. This project took a lot of time to get the president's \_\_\_\_\_.

*n.* the belief that someone or something is good or acceptable

47. The nurse inserted the needle into the \_\_\_\_\_ in his arm to draw blood.

*n.* a blood vessel that carries blood from various parts of the body back to the heart; a mineral deposit or layer of rock that is contained within another rock formation

48. Perseverance and optimism are \_\_\_\_\_ to success.

*adj.* necessary for the success or continued existence of something

49. On three sides, mountains \_\_\_\_\_ the settlement.

*v.* to be all around something or somebody

ANSWERS: 42. routinely, 43. revolution, 44. dissolved, 45. counterintuitive, 46. approval, 47. vein, 48. vital, 49. surround

50. We have to \_\_\_\_\_ our company's product lineup for further growth.  
*v.* to consider again a plan, idea, etc., especially to change it
51. \_\_\_\_\_ engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.  
*adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
52. Let's try to \_\_\_\_\_ a bit of enthusiasm into your performance.  
*v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
53. 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
54. You can be more \_\_\_\_\_ and creative in your approach.  
*adj.* able to change or be changed to suit new conditions or situations; able to bend easily
55. Many cancer patients undergo \_\_\_\_\_ as a treatment option.  
*n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
56. The athlete's \_\_\_\_\_ training paid off in the end.  
*adj.* persistent and determined; continuing despite difficulties or setbacks
57. The news of the accident was \_\_\_\_\_ and left many in shock.  
*adj.* extremely or surprisingly bad, or causing a strong emotional response such as surprise or disgust

ANSWERS: 50. rethink, 51. Biomedical, 52. inject, 53. device, 54. flexible, 55. chemotherapy, 56. relentless, 57. shocking



58. Malignant hypertension is the most \_\_\_\_\_ form of hypertension.

*adj.* causing or capable of causing death; extremely dangerous

59. The \_\_\_\_\_ truck arrived with the packages.

*n.* the act of taking or sending something to a destination; the bringing of a baby during childbirth

60. This device is used to \_\_\_\_\_ brain cancer and other tumors.

*v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

61. Breast \_\_\_\_\_ is the most common type of cancer in women.

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

62. The air \_\_\_\_\_ in the building needed to be cleaned to improve the air quality.

*n.* a tube, pipe, or channel for conveying air, water, or other substances

ANSWERS: 58. lethal, 59. delivery, 60. diagnose, 61. cancer, 62. ducts