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Vocabulary Builder Reference from...

Jennifer Pluznick: You smell with your body, not just your nose | TED Talk https://www.ted.com/talks/jennifer_pluznick_you_sme | with_your_body_not_just_your_nose



All Words

IMPORTANT

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Session 1: Word List

scent

- n. a distinctive smell, especially a pleasant one
- synonym: fragrance, aroma, perfume
- (1) natural **scent**, (2) **scent** memory

The **scent** of freshly baked bread filled the bakery.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences I will introduce you to how to **identify** the leading causes of the malfunction.

accuracy

 the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake

synonym: precision, exactness, truthfulness

(1) degree of **accuracy**, (2) the **accuracy** of his compass To assure **accuracy**, I recommend investing in high-quality test kits.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym: calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders. The security camera has **detected** four intruders.

trillion

- n. the number 1,000,000,000,000; a million million
- (1) **trillion** cubic feet, (2) many **trillions** of dollars One light year is nearly 6 **trillion** miles.

odor

 a distinctive or unpleasant smell; a scent or aroma that can be sensed through the sense of smell

synonym: smell, aroma, fragrance

(1) odor control, (2) pleasant odor

The **odor** from the trash can was unbearable, so I had to take it out.

molecular

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

synonym: microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology **Molecular** weight is the sum of all the atoms.

machinery

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

synonym: apparatus, appliance, equipment

(1) heavy **machinery**, (2) inactive **machinery**The **machinery** of audit formally issued a business improvement order.

olfactory

adj. relating to the sense of smell; connected with the perception of odors or scents

synonym: olfactive, scent-based, aromatic

(1) **olfactory** cortex, (2) **olfactory** memory

The **olfactory** senses play a key role in our taste and flavor perception.

receptor

- an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
- (1) cellular **receptor**, (2) **receptor** for HIV in humans Hay fever occurs when a substance called histamine binds to **receptors** in the nose and eyes.

patient

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.
- a molecule or ion that binds to a central metal atom or n. ion in a coordination complex or to a receptor in a biological system, typically forming a coordination bond or a weak chemical interaction

synonym: binder, receptor, molecule

(1) ligand binding, (2) protein ligand The ligand-receptor interaction triggers a series of

biochemical reactions.

assign

- to give a specific job or piece of work to a someone synonym: entrust, delegate, designate
- (1) assign projects, (2) assign top priority Please **assign** a different color to each other kind of item.

ligand

vertebrate

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

synonym: animal, chordate, backboned

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

devote

to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

synonym: commit, dedicate, apply

(1) **devote** all of my energies, (2) **devote** my own life He **devoted** himself to studying the history of ancient civilizations.

protein

- a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
- (1) stress **protein**, (2) **protein** synthesis The body needs a certain amount of **protein** to build and repair tissues.

addition

the act or process of adding something to something else; the process of adding numbers

synonym: accumulation, expansion, addendum

- (1) chemical addition, (2) addition of vectors In **addition**, private corporations provide healthcare services.
- a male deer; a unit of currency, especially the US dollar; n. a sudden jolt or movement; a young man; (verb) to resist or oppose something, such as an authority, trend, or convention

synonym: dollar, money, currency

(1) buck the trend, (2) extra buck

I spotted a majestic **buck** with large antlers standing at the forest's edge.

buck

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth He continued his investigation and soon **uncovered** another crime.

identity

n. the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another

synonym: character, personality, individuality

(1) mistaken **identity**, (2) **identity** as an individual The terrorist's **identity** remains unknown.

ultimate

adj. furthest or highest in degree or ordersynonym: highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury Management must take **ultimate** responsibility for the accident.

assume

 to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym: guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

emerge

v. to move out of or away from something and become visible

synonym: arise, occur, appear

- (1) **emerge** as a butterfly, (2) **emerge** from poverty During colonial eras, new migratory patterns **emerged**.
- an ensemble of similar cells of the animal or plant that together carry out a specific function

tissue

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

unexpected

adj. not anticipated or regarded as likely to happen *synonym*: surprising, unanticipated, incredible

an unexpected visitor, (2) some unexpected events
 the unexpected rainstorm caused the collapse of the corral.

kidney

- either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
- (1) an artificial **kidney**, (2) chronic **kidney** disease

 The surgeon removed the healthy **kidney** from the donor.

lung

- either of the two organs in the chest that people and some animals use for breathing
- (1) **lung** capacity, (2) do **lung** transplantation He has terminal **lung** cancer.

vessel

- n. a ship or large boatsynonym: boat, ship, craft
- (1) blood vessels, (2) naval vesselsThe vessel arrived in port the following day.

sensitive

 adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

synonym: exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin The teacher is very **sensitive** to children's feelings.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

mediate

v. to try to bring about an agreement or understanding between people who are in conflict

synonym: arbitrate, reconcile, intervene

(1) **mediate** allergic reaction, (2) **mediate** a negotiation The teacher had to **mediate** a disagreement between two students over a stolen pencil.

liver

- 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.

aroma

a distinctive, usually pleasant smell, often of a specific food, plant, or object

synonym: fragrance, scent, smell

(1) aroma therapy, (2) coffee aroma

The **aroma** of freshly baked bread filled the kitchen.

concentration

 the ability to focus all your time and energy on one thing without thinking about anything else.

synonym: attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent concentration to pass.

bloodstream

- n. the blood flowing through the body
- (1) **bloodstream** in an artery, (2) **bloodstream** to the brain Cancer cells are often carried throughout the body by the **bloodstream**.

chemo

n. short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells

synonym: chemotherapy, antineoplastic

(1) chemo patient, (2) chemo-radiotherapy

The side effects of **chemo**, such as nausea and hair loss, were a major concern for the patient.

hormone

- a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood
- (1) hormone secretion, (2) female hormone

The doctor diagnosed me with a **hormone** disorder.

metabolite

 a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

synonym: intermediate

(1) **metabolite** concentration, (2) drug **metabolite** The liver **metabolite** levels were higher than usual.

molecule

 a group of two or more atoms held together by attractive forces known as chemical bonds

synonym: particle, element, atom

small molecules, (2) molecule behavior
 The shape of the DNA molecule is a double helix.

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.

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.

reinvent

 to change something so drastically that it looks to be completely new

synonym: recreate, remake, revive

(1) **reinvent** local dishes, (2) **reinvent** our life They have tried to **reinvent** their grocery stores.

sperm

- n. the reproductive cell produced by a man or male animal synonym: seed, semen, seminal fluid
- (1) man with a low **sperm** count, (2) production of **sperm** The male **sperm** fertilizes the female egg.

intriguing

adj. arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating

synonym: fascinating, captivating, arresting

(1) **intriguing** concept, (2) **intriguing** character The novel's plot was **intriguing** and kept readers in their seats.

implication

 something that is inferred or indirectly stated; the act or fact of being involved in something

synonym: suggestion, association, conclusion

(1) the **implication** in a crime, (2) the **implication** of a word His poem has a very significant **implication**.

aid

 things sent to help countries in need, notably food or money; support

synonym: helper, resource, assistance

(1) financial **aid**, (2) country-by-country **aid** programs Pakistan's **aid** budget was still being reviewed.

sniff

to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath

synonym: smell, inhale, scent

(1) sniff the air, (2) sniff the perfume

The dog stopped to **sniff** around the tree, looking for something interesting.

demonstrate

 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?

primary

adj. first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

synonym: chief, main, fundamental

(1) **primary** school, (2) **primary** education

The **primary** cause of the accident was due to the icy road conditions.

context

n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

synonym: background, setting, environment

(1) historical context, (2) legal context

It's important to understand the **context** of a situation before making a decision.

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.

perceive

v. to become aware or conscious of something through the senses

synonym: sense, discern, feel

(1) **perceive** a threat, (2) **perceive** light

Australia is widely **perceived** as having low levels of corruption.

process

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

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process**The **process** for applying for a visa can be lengthy and complicated.

imply

v. to indicate the truth or existence of something without referring to it

synonym: hint, indicate, denote

(1) **imply** a strong correlation, (2) **imply** the presence of alien

The salespeople speak in technical terms to **imply** that they are more knowledgeable than the customer.

migration

n. the movement of animals to a new location, frequently as the seasons change

synonym: exodus

(1) the **migration** of birds, (2) overseas **migration**There was a **migration** of impoverished farmers into the towns.

inhale

- v. to breathe in air or a different substance, such as smoke synonym: breathe in, take in, draw in
- (1) **inhale** the smoke, (2) **inhale** the aroma He **inhaled** deeply, trying to calm down.

healing

 n. the process of becoming or making somebody or something well again

synonym: recovery, recuperation, convalescence

(1) natural **healing** ability, (2) part of the **healing** process

Each ancient tribe has its **healing** traditions.

similarly

adv. in almost the same waysynonym: also, likewise, ditto

(1) **similarly** situated, (2) have **similarly** great abilities We argue that wages for temporary workers should **similarly** rise.

tongue

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

synonym: lingo, language, vocabulary

(1) native tongue, (2) tongue cancer

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

surprisingly

adv. in a way that causes amazement or wonder synonym: exceptionally, notably, unusually

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

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

lab

 a workplace for the conduct of scientific research; a laboratory

synonym: workshop, laboratory, research chamber

(1) lab instrument, (2) medical lab

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

homeostasis

 the maintenance of stability or balance within an organism or system through various physiological processes that regulate internal conditions, such as temperature and pH

synonym: balance, equilibrium, stability

(1) cellular **homeostasis**, (2) **homeostasis** imbalance The body's ability to maintain **homeostasis** is essential for survival in harsh environments.

employ

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

synonym: hire, engage, use

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

delete

- v. to remove something, especially that has been written; to wipe out digitally or magnetically recorded information synonym: erase, wipe out, remove
- (1) **delete** a file, (2) **delete** this modification Highlight the sentences that you want to **delete**.

chain

 a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

synonym: series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

fatty

adj. containing a lot of fat

synonym: greasy, oily

(1) less fatty meat, (2) fatty acid

You should keep away from fatty foods.

acid

 sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

synonym: Sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease synonym: microorganism, microbe

 pathogenic bacteria, (2) harmless bacteria
 Bacteria prevalent in hospitals are often resistant to antibiotics.

reside

v. to live in a particular place, typically for a prolonged period of time

synonym: live, dwell, inhabit

(1) **reside** on the skin, (2) **reside** permanently They **reside** in a beautiful old house in the countryside.

gut

n. the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

synonym: belly, abdomen, courage

(1) the blind **gut**, (2) **gut** feelings

He told me a **gut-wrenching** truth about my parent's death.

microbiota

 n. (also "flora") the community of microorganisms that live within a particular environment or host organism, including bacteria, viruses, fungi, and other microorganisms

synonym: microflora, microbiome

(1) intestinal **microbiota**, (2) **microbiota** diversity

The **microbiota** in our gut plays a crucial role in our overall health and immune system.

absorb

- v. to take in a fluid or other substance gradually synonym: consume, soak, ingest
- (1) **absorb** energy, (2) **absorb** a shock The sponge **absorbs** water well.

interact

- v. to communicate or react with somebody synonym: cooperate, combine, collaborate
- (1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

metabolism

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

tease

v. to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing

synonym: bully, annoy, provoke

(1) **tease** the children, (2) **tease** wool

This ad is intended to **tease** a competing product.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) function properly, (2) immune function

The brain is an incredibly complex organ that controls the body's **function**.

investigation

n. the act or process of thoroughly examining a crime, problem, statement, etc., to uncover the truth

synonym: examination, analysis, inspection

(1) a preliminary **investigation**, (2) the scope of an **investigation**

We have never before conducted a legitimate **investigation**.

exciting

adj. causing a lot of interest or excitement *synonym*: exhilarating, stimulating, thrilling

(1) exciting football player, (2) exciting news

The findings of the experiment were both exciting and

unexpected.

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.

scope

 the range of one's perceptions, thoughts, or actions, or a subject that

synonym: content, coverage, extent

(1) **scope** of a project, (2) have broad **scope** The **scope** of human thought is diverse.

aspect

- n. one part or feature of a situation, problem, subject, etc. synonym: characteristic, element, factor
- (1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

physiology

- the branch of the biological sciences dealing with the functioning of organisms
- (1) human **physiology**, (2) **physiology** research **Physiology** is the science of how living things work.

Session 2: Spelling

1.	cellular homis	n.	the maintenance of stability or balance within an organism or system through various physiological processes that regulate internal conditions, such as temperature and pH
2.	exng football player	adj.	causing a lot of interest or excitement
3.	mee allergic reaction	v.	to try to bring about an agreement or understanding between people who are in conflict
4.	lir disease	n.	a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
5.	pat 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
6.	inct directly with customers	ν.	to communicate or react with somebody
7.	cho-radiotherapy	n.	short for chemotherapy, a treatment for cancer that uses drugs to destroy cancer cells
8.	blood vels	n.	a ship or large boat
9.	metsm enzyme	n.	the set of chemical reactions in cells or organisms that are necessary for life-sustaining

ANSWERS: 1. homeostasis, 2. exciting, 3. mediate, 4. liver, 5. patient, 6. interact, 7. chemo, 8. vessel, 9. metabolism

10.	industry-spic regulations	adj.	clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
11.	bloam in an artery	n.	the blood flowing through the body
12.	abb energy	v.	to take in a fluid or other substance gradually
13.	micta diversity	n.	(also "flora") the community of microorganisms that live within a particular environment or host organism, including bacteria, viruses, fungi, and other microorganisms
14.	dee a file	<i>v</i> .	to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
15.	idfy handwriting	v.	to recognize someone or something and say or prove who or what they are
16.	toxic chals	adj.	relating to or connected with chemistry;
17.	surgly advanced culture	adv.	in a way that causes amazement or wonder
18.	ree permanently	<i>v</i> .	to live in a particular place, typically for a prolonged period of time
19.	harmless baia	n.	single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
20.	asn projects	<i>v</i> .	to give a specific job or piece of work to a someone

ANSWERS: 10. specific, 11. bloodstream, 12. absorb, 13. microbiota, 14. delete, 15. identify, 16. chemical, 17. surprisingly, 18. reside, 19. bacteria, 20. assign

21.	toe cancer	n.	a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
22.	a chal compound	adj.	relating to or connected with chemistry;
23.	hemoglobin metsm	n.	the set of chemical reactions in cells or organisms that are necessary for life-sustaining
24.	demte mastery	<i>v</i> .	to display something or give an exhibition to an interested audience
25.	sct memory	n.	a distinctive smell, especially a pleasant one
26.	ase a lousy attitude to his boss	ν.	to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
27.	conion of armaments	n.	the ability to focus all your time and energy on one thing without thinking about anything else.
28.	mole behavior	n.	a group of two or more atoms held together by attractive forces known as chemical bonds
29.	verte biology	adj.	relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
30.	natural sct	n.	a distinctive smell, especially a pleasant one
31.	degree of accy	n.	the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake

ANSWERS: 21. tongue, 22. chemical, 23. metabolism, 24. demonstrate, 25. scent, 26. assume, 27. concentration, 28. molecule, 29. vertebrate, 30. scent, 31. accuracy

32.	a facial tie	n.	an ensemble of similar cells of the animal or plant that together carry out a specific function
33.	dee all of my energies	v.	to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
34.	asts of social, political, and economic life	n.	one part or feature of a situation, problem, subject, etc.
35.	the ulte goal in life	adj.	furthest or highest in degree or order
36.	dee my own life	ν.	to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose
37.	the muscle tissue of a verte	adj.	relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
38.	stress prn	n.	a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
39.	unr the truth	v.	to remove the cover from something; to discover something previously unseen or hidden
40.	reor for HIV in humans	n.	an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
41.	tee the children	v.	to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing

ANSWERS: 32. tissue, 33. devote, 34. aspect, 35. ultimate, 36. devote, 37. vertebrate, 38. protein, 39. uncover, 40. receptor, 41. tease

42.	decision-making prs	n.	a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
43.	some uneed events	adj.	not anticipated or regarded as likely to happen
44.	the blind g_t	n.	the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
45.	det a bad event	ν.	to find or recognize something, especially something difficult to see, hear, etc.
46.	dee this modification	<i>v</i> .	to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
47.	asn top priority	<i>v</i> .	to give a specific job or piece of work to a someone
48.	or control	n.	a distinctive or unpleasant smell; a scent or aroma that can be sensed through the sense of smell
49.	have surgly little effect	adv.	in a way that causes amazement or wonder
50.	prs improvement	n.	a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 42. process, 43. unexpected, 44. gut, 45. detect, 46. delete, 47. assign,

51.	naval vels	n.	a ship or large boat
52.	pathogenic baia	n.	single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
53.	hoe secretion	n.	a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood
54.	the ulte luxury	adj.	furthest or highest in degree or order
55.	production of spm	n.	the reproductive cell produced by a man or male animal
56.	many trons of dollars	n.	the number 1,000,000,000,000; a million million
57.	homis imbalance	n.	the maintenance of stability or balance within an organism or system through various physiological processes that regulate internal conditions, such as temperature and pH
58.	Ig capacity	n.	either of the two organs in the chest that people and some animals use for breathing
59.	spic instructions	adj.	clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
60.	drug mette	n.	a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

ANSWERS: 51. vessel, 52. bacteria, 53. hormone, 54. ultimate, 55. sperm, 56. trillion, 57. homeostasis, 58. lung, 59. specific, 60. metabolite

67. in e the smoke

68. nontechnical as ts of the job

69. ch__o patient

70. the imp____on in a crime

sour flavor; any of a variety of generally

or something is; the features, emotions, or ideas that distinguish persons from one another

to breathe in air or a different substance, such as smoke

one part or feature of a situation, problem, subject, etc.

short for chemotherapy, a treatment for n. cancer that uses drugs to destroy cancer cells

something that is inferred or indirectly n. stated; the act or fact of being involved in something

ANSWERS: 61. lung, 62. primary, 63. interact, 64. acid, 65. detect, 66. identity, 67. inhale, 68. aspect, 69. chemo, 70. implication

- 71. in____ce the daily life
- 72. natural he____g ability
- 73. historical co____t
- 74. pr___n synthesis
- 75. supply ch n
- 76. li___d binding
- 77. id____fy gene sequences
- 78. mo____ar structure
- 79. man with a low sp m count

- n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself
- *n.* the process of becoming or making somebody or something well again
- n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
- a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
- a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
- n. a molecule or ion that binds to a central metal atom or ion in a coordination complex or to a receptor in a biological system, typically forming a coordination bond or a weak chemical interaction
- v. to recognize someone or something and say or prove who or what they are
- adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
- n. the reproductive cell produced by a man or male animal

ANSWERS: 71. influence, 72. healing, 73. context, 74. protein, 75. chain, 76. ligand, 77. identify, 78. molecular, 79. sperm

ANSWERS: 80. employ, 81. assume, 82. sniff, 83. fatty, 84. pancreas, 85. identity, 86. buck, 87. employ, 88. investigation

n.

88. the scope of an inv ion

the act or process of thoroughly

etc., to uncover the truth

examining a crime, problem, statement,

89. country-by-country a d programs things sent to help countries in need, n. notably food or money; support things sent to help countries in need, 90. financial a d n. notably food or money; support to live in a particular place, typically for 91. re___e on the skin ν. a prolonged period of time 92. me____e a negotiation to try to bring about an agreement or ν. understanding between people who are in conflict 93. em e from poverty to move out of or away from something and become visible 94. sc e of a project the range of one's perceptions, thoughts, or actions, or a subject that 95. g t feelings the long tube in the body of a person or n. animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant 96. es____te this chicken to weigh to guess or calculate the cost, size, ν. value, etc. of something three pounds 97. se____ve documents adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

98. es___te a fair value

99. un r a potential problem

96. estimate, 97. sensitive, 98. estimate, 99. uncover

ANSWERS: 89. aid, 90. aid, 91. reside, 92. mediate, 93. emerge, 94. scope, 95. gut,

ν.

to guess or calculate the cost, size,

to remove the cover from something; to

discover something previously unseen

value, etc. of something

or hidden

100. baby with seve skin	adj.	able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
101. inactive mary	n.	a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
102. ar_a therapy	n.	a distinctive, usually pleasant smell, often of a specific food, plant, or object
103. the mion of birds	n.	the movement of animals to a new location, frequently as the seasons change
104. an ad reaction	n.	sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
105. tee wool	v.	to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
106. paas 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
107. pry school	adj.	first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

ANSWERS: 100. sensitive, 101. machinery, 102. aroma, 103. migration, 104. acid, 105. tease, 106. pancreas, 107. primary

108. legal cot	n.	the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
109. part of the heg process	n.	the process of becoming or making somebody or something well again
110. peve light	ν.	to become aware or conscious of something through the senses
111. phygy research	n.	the branch of the biological sciences dealing with the functioning of organisms
112. I_b instrument	n.	a workplace for the conduct of scientific research; a laboratory
113. pat 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
114. olry cortex	adj.	relating to the sense of smell; connected with the perception of odors or scents
115. extra bk	n.	a male deer; a unit of currency, especially the US dollar; a sudden jolt or movement; a young man; (verb) to resist or oppose something, such as an authority, trend, or convention
116. mette concentration	n.	a substance produced by metabolic processes in living organisms, especially those that are essential for normal physiological functions

ANSWERS: 108. context, 109. healing, 110. perceive, 111. physiology, 112. lab, 113. patient, 114. olfactory, 115. buck, 116. metabolite

117. heavy mary	n.	a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
118. snf the perfume	ν.	to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
119. bloam to the brain	n.	the blood flowing through the body
120. chn reaction	n.	a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
121. demte a difference	<i>v</i> .	to display something or give an exhibition to an interested audience
122. imy the presence of alien	<i>v</i> .	to indicate the truth or existence of something without referring to it
123. tron cubic feet	n.	the number 1,000,000,000,000; a million million
124. medical I_b	n.	a workplace for the conduct of scientific research; a laboratory
125. sily situated	adv.	in almost the same way
126. small moles	n.	a group of two or more atoms held together by attractive forces known as chemical bonds
127. cellular reor	n.	an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

ANSWERS: 117. machinery, 118. sniff, 119. bloodstream, 120. chain, 121. demonstrate, 122. imply, 123. trillion, 124. lab, 125. similarly, 126. molecule, 127. receptor

128. fay acid	adj.	containing a lot of fat
129. exng news	adj.	causing a lot of interest or excitement
130. a political revon	n.	a large-scale attempt to overthrow the government of a country, often using violence or war;
131. the accy of his compass	n.	the state or degree of being exact or correct; the ability to perform something with proficiency and without mistake
132. fuon properly	n.	the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
133. beginning of the industrial revon	n.	a large-scale attempt to overthrow the government of a country, often using violence or war;
134. ince a child's future	n.	the ability to affect someone's or something's character, growth, or behavior, or the effect itself
135. native toe	n.	a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
136. imy a strong correlation	<i>v</i> .	to indicate the truth or existence of something without referring to it
137. intng concept	adj.	arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating

ANSWERS: 128. fatty, 129. exciting, 130. revolution, 131. accuracy, 132. function, 133. revolution, 134. influence, 135. tongue, 136. imply, 137. intriguing

138. loss of muscle tie	n.	an ensemble of similar cells of the animal or plant that together carry out a specific function
139. chemical adon	n.	the act or process of adding something to something else; the process of adding numbers
140. an uneed visitor	adj.	not anticipated or regarded as likely to happen
141. eme as a butterfly	v.	to move out of or away from something and become visible
142. rent our life	v.	to change something so drastically that it looks to be completely new
143. his research area of conion	n.	the ability to focus all your time and energy on one thing without thinking about anything else.
144. human phygy	n.	the branch of the biological sciences dealing with the functioning of organisms
145. an artificial kiy	n.	either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
146. intestinal micta	n.	(also "flora") the community of microorganisms that live within a particular environment or host organism, including bacteria, viruses, fungi, and other microorganisms
147. have broad sce	n.	the range of one's perceptions, thoughts, or actions, or a subject that

ANSWERS: 138. tissue, 139. addition, 140. unexpected, 141. emerge, 142. reinvent, 143. concentration, 144. physiology, 145. kidney, 146. microbiota, 147. scope

148. the impon of a word	n.	something that is inferred or indirectly stated; the act or fact of being involved in something
149. coffee ara	n.	a distinctive, usually pleasant smell, often of a specific food, plant, or object
150. a preliminary invion	n.	the act or process of thoroughly examining a crime, problem, statement, etc., to uncover the truth
151. abb a shock	v.	to take in a fluid or other substance gradually
152. have sily great abilities	adv.	in almost the same way
153. immune fuon	n.	the purpose or use of an object, system or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
154. fatty lir	n.	a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
155. olry memory	adj.	relating to the sense of smell; connected with the perception of odors or scents
156. female hoe	n.	a chemical substance made by organs that encourages or influences the development, growth, sex, etc., of an animal and is carried around the body in the blood

ANSWERS: 148. implication, 149. aroma, 150. investigation, 151. absorb, 152. similarly, 153. function, 154. liver, 155. olfactory, 156. hormone

157. peve a threat	<i>v</i> .	to become aware or conscious of something through the senses
158. adon of vectors	n.	the act or process of adding something to something else; the process of adding numbers
159. intng character	adj.	arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating
160. protein lid	n.	a molecule or ion that binds to a central metal atom or ion in a coordination complex or to a receptor in a biological system, typically forming a coordination bond or a weak chemical interaction
161. overseas mion	n.	the movement of animals to a new location, frequently as the seasons change
162. rent local dishes	<i>v</i> .	to change something so drastically that it looks to be completely new
163. ine the aroma	<i>v</i> .	to breathe in air or a different substance, such as smoke
164. chronic kiy disease	n.	either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
165. moar biology	adj.	of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
166. pleasant or	n.	a distinctive or unpleasant smell; a scent or aroma that can be sensed through the sense of smell

ANSWERS: 157. perceive, 158. addition, 159. intriguing, 160. ligand, 161. migration, 162. reinvent, 163. inhale, 164. kidney, 165. molecular, 166. odor

Vocab-Builder Ref from	"Jennifer Pluznick: `	You smell with you	ur body, not just yo	ur nose TED Ta	lk" (83 words)
ANSWERS:					

Session 3: Fill in the Blanks

1.	Cancer cells are often carried throughout the body by the
n.	the blood flowing through the body
2.	The researcher separated the nervous for microscopic examinations.
n.	an ensemble of similar cells of the animal or plant that together carry out a specific function
3.	The surgeon removed the healthy from the donor.
n.	either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
4.	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;
5.	The of freshly baked bread filled the bakery.
n.	a distinctive smell, especially a pleasant one
6.	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
7.	The dog stopped to around the tree, looking for something interesting.
v.	to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
8.	The novel's plot was and kept readers in their seats.
adj	 arousing curiosity or interest, often due to a mysterious or complex quality; fascinating or captivating
	SWERS: 1. bloodstream, 2. tissue, 3. kidney, 4. revolution, 5. scent, 6. liver, 7. ff, 8. intriguing

molecule, 15. absorbs, 16. receptors, 17. protein

ANSWERS: 9. employ, 10. fatty, 11. metabolite, 12. emerged, 13. perceived, 14.

ANSWERS: 18. gut-wrenching, 19. specific, 20. addition, 21. machinery, 22. Molecular, 23. aroma, 24. primary

year or election cycle

ANSWERS: 34. metabolism, 35. lab, 36. pancreas, 37. Physiology, 38. vertebrate, 39. buck, 40. inhaled, 41. ligand-receptor

ANSWERS: 51. ultimate, 52. function, 53. hormone, 54. detected, 55. uncovered, 56. aspects, 57. chemical, 58. assumes

ANSWERS: 59. delete, 60. surprisingly, 61. similarly, 62. olfactory, 63. concentration,

64. acid, 65. exciting, 66. Bacteria

Vocab-Builder Ref from "Jennifer Pluznick: You smell with your body, not just your nose | TED Talk" (83 words)

ANSWERS: 74. sensitive, 75. process, 76. imply, 77. unexpected, 78. mediate, 79. context, 80. reinvent, 81. tease

82.	There was a	of impoverished farmers into the towns.
n.	the moveme	ent of animals to a new location, frequently as the seasons change
83. v.	•	in a beautiful old house in the countryside. articular place, typically for a prolonged period of time

Vocab-Builder Ref from "Jennifer Pluznick: You smell with your body, not just your nose | TED Talk" (83 words)

ANSWERS: 82. migration, 83. reside