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Vocabulary Builder Reference from...

Rose Goslinga: Crop insurance, an idea worth seeding | TED Talk

https://www.ted.com/talks/rose_goslinga_crop_insurance_an_idea_worth_seeding

All Words

IMPORTANT

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Session 1: Word List

maize

n. a cereal grain that is native to the Americas and cultivated in wide varieties for its large, yellow, edible seed and as a feed for livestock

synonym : corn

(1) **maize** meal, (2) genetically altered **maize**

The farmers grew a large **maize** crop this year and expected a good harvest.

harvest

n. yields of plants in a single growing season; the period of the year when gathering occurs on a farm

synonym : crop, reaping, yield

(1) a scanty **harvest**, (2) reap a **harvest**

During **harvest**, farmers are incredibly busy.

drought

n. a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

synonym : dryness, aridity, water shortage

(1) periods of **drought**, (2) **drought** conditions

The region has been experiencing a severe **drought**, leading to water shortages and crop failures.

insure

v. to provide coverage in the event of loss or damage
synonym: protect, guard, safeguard

(1) **insure** my house against fire, (2) **insure** domestic tranquility

I will **insure** my car before I go on a road trip.

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.

psychiatric

adj. of or relating to the treatment or study of mental illness or disorders

synonym: mental, psychological, psychotherapeutic

(1) people with **psychiatric** disorders, (2) **psychiatric** hospital

The **psychiatric** evaluation revealed that the patient had been suffering from anxiety.

ministry

n. a department of government responsible for a particular area of public service

synonym: department, agency, bureau

(1) **ministry** officials, (2) enter the **ministry**

The **ministry** of education is responsible for managing the schools in the country.

agriculture

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

synonym: farming, husbandry, agribusiness

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

Agriculture is the foundation of our economy.

promote

v. to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank

synonym : boost, raise, advertise

(1) **promote** a better relationship, (2) **promote** bad behavior
The government should do more to **promote** sustainable agribusiness.

launch

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

synonym : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack
The company is set to **launch** its new product line next month.

ambitious

adj. having a great desire to attain achievement, power, or wealth

synonym : enterprising, challenging, earnest

(1) achieve **ambitious** goals, (2) with an **ambitious** eye
Their company has been in business for a short time but has **ambitious** goals.

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.

import

v. to bring goods or services into a country from another country; to transfer electronic data into a database or document;

synonym : bring, spell

(1) **import** goods, (2) **import** a style sheet

The company **imports** raw materials from other countries to manufacture its products.

fertilizer

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

synonym : manure

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

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

monetary

adj. of or relating to the money in the country

synonym : financial, fiscal, economic

(1) the stance of **monetary** policy, (2) **monetary** rewards
The policy might bring more excellent **monetary** stability to the country.

minister

n. a person appointed to or a job of a head of a government department

synonym : bishop, official, ambassador

(1) **Minister** for Education, (2) deputy prime **minister**

The **minister** occasionally preaches at this church.

defiant

adj. showing bold resistance or disobedience to authority, rules, or norms

synonym : rebellious, disobedient, insubordinate

(1) a **defiant** attitude, (2) **defiant** eye

The **defiant** student refused to follow the teacher's instructions and continued to talk during class.

pray

v. to make a request or petition to a higher power, especially in the form of a respectful or humble request

synonym : implore, supplicate, entreat

(1) **pray** devoutly, (2) **pray** for rain

She closed her eyes and **prayed** for strength to overcome difficult times.

discuss

v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic

synonym : talk about, converse, debate

(1) **discuss** options, (2) **discuss** solutions

We need to **discuss** the next steps for the project during our meeting tomorrow.

finance

n. the management of money, credit, banking, and investments, especially by a government or commercial organization; the branch of economics that studies the management of money and other assets

synonym: banking, investment, fund

(1) **finance** act, (2) manage my **finances**

Our company decided to hire an advisor who specializes in **finance**.

fortunate

adj. having good luck or lucky

synonym: fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

acre

n. a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)

(1) half- **acre** parcel, (2) an **acre** of forest

The farm covers over 200 **acres** of land.

euro

n. the official currency of most European Union countries

(1) the value of the **Euro**, (2) **Euro** crises

Some countries may leave the **Euro**.

premium

n. an amount of money paid periodically; the price or cost of something, especially when it is considered to be of high quality or value; (adjective) having or reflecting superior quality or value

synonym: dividend, bonus, (adjective) expensive

(1) insurance **premium**, (2) **premium** quality

Some people are willing to pay a **premium** for a rare and valuable collectible.

tradition

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

synonym : custom, practice, ritual

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

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

rely

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

synonym : depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him

Babies heavily **rely** on others for food.

halfway

adj. in or at a point midway or an equal distance between two points

synonym : middle, median, center

(1) **halfway** through my journey, (2) **halfway** decent job

The famous restaurant stands **halfway** up the hill.

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.

damage

v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

synonym : harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

mathematics

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

synonym: arithmetic, calculation, calculus

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

He has a flair for **mathematics**.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym: orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

onset

n. the beginning or early stages of unpleasant something; a military attack

synonym: beginning, attack, commencement

(1) at the first **onset**, (2) the **onset** of spring

This medicine works best when taken at the **onset** of a cold.

disappear

v. to cease to exist or be visible

synonym: fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

devise

v. to come up with an idea, plan, theory, etc., using your intelligence or imagination

synonym: create, concoct, invent

(1) **devise** a plan, (2) **devise** a literary plot

They had to **devise** a system that did not depend on fossil fuels.

agronomy

n. the science of the management and cultivation of crops and the raising of livestock for food, fuel, and other products

synonym : soil science, farm management

(1) **agronomy** research, (2) **agronomy** practices

The **agronomy** program at the university trains students in the latest farming techniques.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym : logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

rainfall

n. the amount of rain that falls in a specific location at a particular moment

synonym : downpour, drizzle, rain

(1) the mean annual **rainfall**, (2) heavy **rainfall**

These plants thrive in hot climates with abundant **rainfall**.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym : output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

prop

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

synonym : support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

germinate

v. to begin to grow or develop, typically as a seed sprouts

synonym : sprout, grow, develop

(1) days to **germinate**, (2) **germinate** the idea

The seeds **germinated** quickly in the warm soil.

frequent

adj. happening constantly

synonym : periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use

His heartaches are less **frequent** now.

cob

n. a type of bread made from cornmeal, traditionally associated with Native American cuisine; the central hub or axis of a wheel or turbine; a small, delicately built horse, typically used for riding or light work

synonym : lump, clod, nugget

(1) **cob** construction, (2) **cob** loaf

The chef boiled the corn **cob** in water before roasting it on the grill.

modest

adj. having or showing a humble estimate of one's merits, importance, etc.; free from vanity, egotism, boastfulness, or great pretensions

synonym : unassuming, humble, unpretentious

(1) **modest** income, (2) only a **modest** fee

Despite his many achievements, he remained **modest** and down-to-earth.

intense

adj. (especially of a feeling) very strong; extremely sharp or severe

synonym : extreme, fierce, harsh

(1) **intense** heat, (2) develop **intense** itching

That statement by the prime minister drew **intense** international criticism.

grand

adj. important and large in size, scope, or extent

synonym : impressive, great, ambitious

(1) a **grand** meal, (2) **grand** bargain

This year's **grand** gathering will be held in Canada.

disappoint

v. to fail to meet someone or their hopes or expectations; to make someone feel sad

synonym : sadden, dismay, frustrate

(1) **disappoint** the audience, (2) don't **disappoint** me
She worked very hard not to **disappoint** her boss's expectations.

confound

v. to confuse or perplex; to mix up or throw into disorder; to prove to be false or illogical

synonym: confuse, mix up, perplex

(1) **confound** right and wrong, (2) **confound** the problem
The unexpected events **confounded** the scientists, who had to rethink their hypothesis.

prime

adj. main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)

synonym: excellent, exceptional, premium

(1) **prime** number, (2) deputy **prime** minister

After a thorough investigation, she has been named as the **prime** suspect.

microcredit

n. small loans, typically less than \$50,000, given to individuals or groups, particularly those who lack access to traditional banking services, to start or expand small businesses or other income-generating activities

synonym: microfinance, microloan, small loan

(1) **microcredit** lender, (2) **microcredit** program

The government has established a **microcredit** scheme to stimulate entrepreneurship and create job opportunities.

pioneer

n. inventor; explorer; someone who is among the first to achieve something

synonym: frontiersperson, innovator, trailblazer

(1) act as a **pioneer**, (2) early **pioneers**

John Whitney was a computer animation **pioneer**.

creditor

n. a person, company, etc. to whom a debtor owes money

(1) the **creditor's** claims, (2) bankrupt **creditor**

I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

advance

v. to go or move forward; to develop in a positive way
synonym: progress, boost, come along

(1) **advance** the technology, (2) **advance** a cooperative relationship

Scientific knowledge will **advance** significantly with the power of AI.

attractive

adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable

synonym: beautiful, fetching, alluring

(1) **attractive** men, (2) **attractive** opportunity

The growth of the "sharing economy" is **attractive** for tech companies.

propose

v. to make a proposal, declare a plan for something
synonym: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

uptick

n. a slight increase or upward trend in something, such as a stock price or a particular statistic or trend

synonym: increase, rise, surge

(1) **uptick** in crime, (2) a dramatic **uptick** in sales

There was a noticeable **uptick** in customer complaints after implementing the new policy.

institutionalize

v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

synonym: formalize, establish, regularize

(1) **institutionalize** a system, (2) **institutionalize** customary laws

The new policy aims to **institutionalize** the use of renewable energy sources.

government

n. the group of people with authority to control a country or state

synonym: administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

repay

v. to give back or make restitution for money, debt, or other obligation that is owed; to compensate or reward someone for something done or given

synonym: compensate, refund, reimburse

(1) **repay** a kindness, (2) **repay** a debt

I must **repay** my loan on time to avoid late fees and penalties.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

encourage

v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do

synonym: facilitate, persuade, stimulate

(1) **encourage** a sense of affinity, (2) **encourage** antisocial behavior

They **encouraged** customers with a premium for loyal patronage.

shrivel

v. to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time

synonym : wilt, shrink, dry up

(1) **shrivel** up due to drought, (2) **shrivel** in the sun

The grapes **shriveled** in the heat, making them inedible.

replant

v. to remove a plant from one place and transplant it in another, often to promote growth or preserve its existence; to reattach a body part, such as a finger, hand, or even a limb, that has been completely severed from the body

synonym : transplant, relocate

(1) **replant** the patient's severed arm, (2) **replant** crops

After the storm, we had to **replant** all the uprooted trees.

convinced

adj. completely certain about something; having a strong belief or conviction in a particular religion

synonym : confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal

The public is **convinced** that the prime minister has committed fraud.

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.

allocate

v. to give or distribute something, such as resources or duties, to someone or something for a particular purpose

synonym : apportion, assign, distribute

(1) **allocate** resource, (2) **allocate** budgets

The company **allocated** a portion of its profits to developing new products.

pixel

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

synonym : dot, point, picture element

(1) **pixel** density, (2) color **pixels**

The computer screen comprises thousands of tiny **pixels** that create the overall picture.

replace

v. to take the place of something

synonym: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone
Eventually, the new design will **replace** all older models.

beneficiary

n. a person who receives benefits or advantage from something, especially a financial trust or a will

synonym: recipient, heir, inheritor

(1) the **beneficiary** of a trust, (2) primary **beneficiary**
She was the sole **beneficiary** of her grandfather's estate.

insist

v. to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say

synonym: demand, assert, claim

(1) **insist** on a clear answer, (2) **insist** over and over
He **insisted** that she pay her debt to the last penny.

zoom

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

synonym: move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens
He **zoomed** back in time to the soccer game.

destiny

n. the events that will inevitably happen to a particular person or thing in the future

synonym: fate, future, outcome

(1) foreordained **destiny**, (2) **destiny** of the individual
It is said that our **destiny** is written in the stars.

Session 2: Spelling

1. only a mo___t fee
adj. having or showing a humble estimate of one's merits, importance, etc.; free from vanity, egotism, boastfulness, or great pretensions
2. da___e assessment
v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
3. sp____ic instructions
adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
4. early pi____rs
n. inventor; explorer; someone who is among the first to achieve something
5. c__p herbicide
n. a plant that is cultivated in large amounts, particularly for food
6. de___e a plan
v. to come up with an idea, plan, theory, etc., using your intelligence or imagination
7. mat____cs competition
n. the science dealing with the logic of quantities, shapes, spaces, and arrangement
8. the mean annual ra____ll
n. the amount of rain that falls in a specific location at a particular moment
9. att____ve men
adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable

ANSWERS: 1. modest, 2. damage, 3. specific, 4. pioneer, 5. crop, 6. devise, 7. mathematics, 8. rainfall, 9. attractive

10. de____t eye *adj.* showing bold resistance or disobedience to authority, rules, or norms
11. deputy prime mi____er *n.* a person appointed to or a job of a head of a government department
12. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
13. the cr____or's claims *n.* a person, company, etc. to whom a debtor owes money
14. ins_____ize customary laws *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
15. la___h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
16. p__p stick *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
17. co____e chemically with another substance *v.* to join or merge to form a single thing or group
18. p__y devoutly *v.* to make a request or petition to a higher power, especially in the form of a respectful or humble request
19. pr__e number *adj.* main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)

ANSWERS: 10. defiant, 11. minister, 12. crop, 13. creditor, 14. institutionalize, 15. launch, 16. prop, 17. combine, 18. pray, 19. prime

20. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
21. es_____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
22. a de_____t attitude *adj.* showing bold resistance or disobedience to authority, rules, or norms
23. bankrupt cr_____or *n.* a person, company, etc. to whom a debtor owes money
24. the RSA al_____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
25. don't dis_____nt me *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
26. de_____y of the individual *n.* the events that will inevitably happen to a particular person or thing in the future
27. a chemical fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
28. Mi_____er for Education *n.* a person appointed to or a job of a head of a government department
29. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
30. fr_____nt absence *adj.* happening constantly
31. dr_____t conditions *n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

ANSWERS: 20. mathematics, 21. estimate, 22. defiant, 23. creditor, 24. algorithm, 25. disappoint, 26. destiny, 27. fertilizer, 28. minister, 29. zoom, 30. frequent, 31. drought

32. enter the mi____ry *n.* a department of government responsible for a particular area of public service
33. beginning of the industrial rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
34. im____t a style sheet *v.* to bring goods or services into a country from another country; to transfer electronic data into a database or document;
35. mic_____it lender *n.* small loans, typically less than \$50,000, given to individuals or groups, particularly those who lack access to traditional banking services, to start or expand small businesses or other income-generating activities
36. the value of the E__o *n.* the official currency of most European Union countries
37. dis_____nt the audience *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad
38. p__y for rain *v.* to make a request or petition to a higher power, especially in the form of a respectful or humble request
39. periods of dr_____t *n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
40. half-a__e parcel *n.* a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)

ANSWERS: 32. ministry, 33. revolution, 34. import, 35. microcredit, 36. euro, 37. disappoint, 38. pray, 39. drought, 40. acre

41. heavy ra____ll *n.* the amount of rain that falls in a specific location at a particular moment
42. at the first on__t *n.* the beginning or early stages of unpleasant something; a military attack
43. ad____e the technology *v.* to go or move forward; to develop in a positive way
44. ad____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
45. ag____my practices *n.* the science of the management and cultivation of crops and the raising of livestock for food, fuel, and other products
46. co____nd the problem *v.* to confuse or perplex; to mix up or throw into disorder; to prove to be false or illogical
47. da____e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
48. the stance of mo____ry policy *adj.* of or relating to the money in the country
49. insurance pr____m *n.* an amount of money paid periodically; the price or cost of something, especially when it is considered to be of high quality or value; (adjective) having or reflecting superior quality or value

ANSWERS: 41. rainfall, 42. onset, 43. advance, 44. advance, 45. agronomy, 46. confound, 47. damage, 48. monetary, 49. premium

50. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
51. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
52. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
53. re__y a kindness *v.* to give back or make restitution for money, debt, or other obligation that is owed; to compensate or reward someone for something done or given
54. mi_____ry officials *n.* a department of government responsible for a particular area of public service
55. fo_____te situation *adj.* having good luck or lucky
56. en_____ge antisocial behavior *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
57. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
58. ha_____y through my journey *adj.* in or at a point midway or an equal distance between two points
59. co_____nd right and wrong *v.* to confuse or perplex; to mix up or throw into disorder; to prove to be false or illogical

ANSWERS: 50. revolution, 51. rely, 52. locate, 53. repay, 54. ministry, 55. fortunate, 56. encourage, 57. estimate, 58. halfway, 59. confound

60. co_____ed of the idea *adj.* completely certain about something; having a strong belief or conviction in a particular religion
61. act as a pi_____r *n.* inventor; explorer; someone who is among the first to achieve something
62. di_____s solutions *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
63. pr_____e bad behavior *v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
64. genetically altered ma__e *n.* a cereal grain that is native to the Americas and cultivated in wide varieties for its large, yellow, edible seed and as a feed for livestock
65. mo_____ry rewards *adj.* of or relating to the money in the country
66. ins_____ize a system *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
67. the on__t of spring *n.* the beginning or early stages of unpleasant something; a military attack
68. achieve am_____us goals *adj.* having a great desire to attain achievement, power, or wealth
69. psy_____ic hospital *adj.* of or relating to the treatment or study of mental illness or disorders
70. la___h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 60. convinced, 61. pioneer, 62. discuss, 63. promote, 64. maize, 65. monetary, 66. institutionalize, 67. onset, 68. ambitious, 69. psychiatric, 70. launch

71. al_____hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
72. ma__e meal *n.* a cereal grain that is native to the Americas and cultivated in wide varieties for its large, yellow, edible seed and as a feed for livestock
73. a scanty ha_____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
74. people with psy_____ic disorders *adj.* of or relating to the treatment or study of mental illness or disorders
75. reap a ha_____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
76. ge_____te the idea *v.* to begin to grow or develop, typically as a seed sprouts
77. re_____e a phone *v.* to take the place of something
78. di_____s options *v.* to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
79. a dramatic up___k in sales *n.* a slight increase or upward trend in something, such as a stock price or a particular statistic or trend
80. in___e my house against fire *v.* to provide coverage in the event of loss or damage
81. r___y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

ANSWERS: 71. algorithm, 72. maize, 73. harvest, 74. psychiatric, 75. harvest, 76. germinate, 77. replace, 78. discuss, 79. uptick, 80. insure, 81. rely

82. att_____ve opportunity *adj.* immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable
83. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
84. mic_____it program *n.* small loans, typically less than \$50,000, given to individuals or groups, particularly those who lack access to traditional banking services, to start or expand small businesses or other income-generating activities
85. emotional p__p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
86. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
87. di_____ar after a week *v.* to cease to exist or be visible
88. lo___e a tumor *v.* to specify or determine the exact position of someone or something
89. up___k in crime *n.* a slight increase or upward trend in something, such as a stock price or a particular statistic or trend
90. manage my fi_____es *n.* the management of money, credit, banking, and investments, especially by a government or commercial organization; the branch of economics that studies the management of money and other assets

ANSWERS: 82. attractive, 83. tradition, 84. microcredit, 85. prop, 86. government, 87. disappear, 88. locate, 89. uptick, 90. finance

91. c_b loaf *n.* a type of bread made from cornmeal, traditionally associated with Native American cuisine; the central hub or axis of a wheel or turbine; a small, delicately built horse, typically used for riding or light work
92. in___t on a clear answer *v.* to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say
93. with an am_____us eye *adj.* having a great desire to attain achievement, power, or wealth
94. pr_____m quality *n.* an amount of money paid periodically; the price or cost of something, especially when it is considered to be of high quality or value; (adjective) having or reflecting superior quality or value
95. ag_____my research *n.* the science of the management and cultivation of crops and the raising of livestock for food, fuel, and other products
96. nonsynthetic fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
97. deputy pr__e minister *adj.* main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)
98. pi__l density *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

ANSWERS: 91. cob, 92. insist, 93. ambitious, 94. premium, 95. agronomy, 96. fertilizer, 97. prime, 98. pixel

108. intensive agr_____re
n. the practice or science of cultivating the land or raising stock
109. in_____e heat
adj. (especially of a feeling) very strong; extremely sharp or severe
110. less fo_____te person
adj. having good luck or lucky
111. mo_____t income
adj. having or showing a humble estimate of one's merits, importance, etc.; free from vanity, egotism, boastfulness, or great pretensions
112. im_____t goods
v. to bring goods or services into a country from another country; to transfer electronic data into a database or document;
113. ha_____y decent job
adj. in or at a point midway or an equal distance between two points
114. sh_____l in the sun
v. to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time
115. co_____ed criminal
adj. completely certain about something; having a strong belief or conviction in a particular religion
116. re_____t crops
v. to remove a plant from one place and transplant it in another, often to promote growth or preserve its existence; to reattach a body part, such as a finger, hand, or even a limb, that has been completely severed from the body
117. fi_____e act
n. the management of money, credit, banking, and investments, especially by a government or commercial organization; the branch of economics that studies the management of money and other assets

ANSWERS: 108. agriculture, 109. intense, 110. fortunate, 111. modest, 112. import, 113. halfway, 114. shrivel, 115. convinced, 116. replant, 117. finance

118. gov_____nt funding *n.* the group of people with authority to control a country or state
119. an a__e of forest *n.* a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
120. the ben_____ry of a trust *n.* a person who receives benefits or advantage from something, especially a financial trust or a will
121. re_____e one word with another *v.* to take the place of something
122. sh_____l up due to drought *v.* to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time
123. pr_____e changes *v.* to make a proposal, declare a plan for something
124. organic agr_____re *n.* the practice or science of cultivating the land or raising stock
125. en_____ge a sense of affinity *v.* to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
126. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
127. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

ANSWERS: 118. government, 119. acre, 120. beneficiary, 121. replace, 122. shrivel, 123. propose, 124. agriculture, 125. encourage, 126. specific, 127. satellite

128. al_____te resource *v.* to give or distribute something, such as resources or duties, to someone or something for a particular purpose
129. fr_____nt use *adj.* happening constantly
130. re_____t the patient's severed arm *v.* to remove a plant from one place and transplant it in another, often to promote growth or preserve its existence; to reattach a body part, such as a finger, hand, or even a limb, that has been completely severed from the body
131. pr_____e a better relationship *v.* to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
132. days to ge_____te *v.* to begin to grow or develop, typically as a seed sprouts
133. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
134. a gr__d meal *adj.* important and large in size, scope, or extent
135. in___e domestic tranquility *v.* to provide coverage in the event of loss or damage
136. pr_____e the amendment *v.* to make a proposal, declare a plan for something
137. foreordained de_____y *n.* the events that will inevitably happen to a particular person or thing in the future
138. primary ben_____ry *n.* a person who receives benefits or advantage from something, especially a financial trust or a will

ANSWERS: 128. allocate, 129. frequent, 130. replant, 131. promote, 132. germinate, 133. tradition, 134. grand, 135. insure, 136. propose, 137. destiny, 138. beneficiary

139. develop in_____e itching

adj. (especially of a feeling) very strong; extremely sharp or severe

140. re__y a debt

v. to give back or make restitution for money, debt, or other obligation that is owed; to compensate or reward someone for something done or given

141. color pi__ls

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

142. di_____ar without a trace

v. to cease to exist or be visible

ANSWERS: 139. intense, 140. repay, 141. pixel, 142. disappear

Session 3: Fill in the Blanks

1. During _____ farmers are incredibly busy.
n. yields of plants in a single growing season; the period of the year when gathering occurs on a farm
2. John Whitney was a computer animation _____.
n. inventor; explorer; someone who is among the first to achieve something
3. After a thorough investigation, she has been named as the _____ suspect.
adj. main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)
4. The grapes _____ in the heat, making them inedible.
v. to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time
5. The _____ occasionally preaches at this church.
n. a person appointed to or a job of a head of a government department
6. The _____ evaluation revealed that the patient had been suffering from anxiety.
adj. of or relating to the treatment or study of mental illness or disorders
7. The _____ program at the university trains students in the latest farming techniques.
n. the science of the management and cultivation of crops and the raising of livestock for food, fuel, and other products

ANSWERS: 1. harvest, 2. pioneer, 3. prime, 4. shriveled, 5. minister, 6. psychiatric, 7. agronomy

8. Babies heavily _____ on others for food.
- v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
9. He _____ that she pay her debt to the last penny.
- v. to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say
10. The new policy aims to _____ the use of renewable energy sources.
- v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
11. There was a noticeable _____ in customer complaints after implementing the new policy.
- n. a slight increase or upward trend in something, such as a stock price or a particular statistic or trend
12. I must _____ my loan on time to avoid late fees and penalties.
- v. to give back or make restitution for money, debt, or other obligation that is owed; to compensate or reward someone for something done or given
13. Launching an artificial _____ contributed to the technological development of our country.
- n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
14. She worked very hard not to _____ her boss's expectations.
- v. to fail to meet someone or their hopes or expectations; to make someone feel sad

ANSWERS: 8. rely, 9. insisted, 10. institutionalize, 11. uptick, 12. repay, 13. satellite, 14. disappoint

15. The computer screen comprises thousands of tiny _____ that create the overall picture.

- n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

16. I want to _____ a toast in honor of our longstanding relationship.

- v.* to make a proposal, declare a plan for something

17. The robot can accurately _____ construction material.

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

18. We _____ the season's total trade deficit at \$50 billion.

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

19. 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

20. Some people are willing to pay a _____ for a rare and valuable collectible.

- n.* an amount of money paid periodically; the price or cost of something, especially when it is considered to be of high quality or value; (adjective) having or reflecting superior quality or value

21. _____ is the foundation of our economy.

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

22. The farm covers over 200 _____ of land.

- n.* a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)

ANSWERS: 15. pixels, 16. propose, 17. locate, 18. estimated, 19. specific, 20. premium, 21. Agriculture, 22. acres

23. Eventually, the new design will _____ all older models.
v. to take the place of something
24. These plants thrive in hot climates with abundant _____.
n. the amount of rain that falls in a specific location at a particular moment
25. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.
n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
26. Despite his many achievements, he remained _____ and down-to-earth.
adj. having or showing a humble estimate of one's merits, importance, etc.; free from vanity, egotism, boastfulness, or great pretensions
27. The unexpected events _____ the scientists, who had to rethink their hypothesis.
v. to confuse or perplex; to mix up or throw into disorder; to prove to be false or illogical
28. We need to _____ the next steps for the project during our meeting tomorrow.
v. to talk about or examine in detail through conversation or debate; to exchange ideas, opinions, or information on a particular topic
29. They _____ customers with a premium for loyal patronage.
v. to give someone support, confidence, or hope; to persuade someone to do or continue to do something by making it easier for them and making them believe it is a good thing to do
30. Their company has been in business for a short time but has _____ goals.
adj. having a great desire to attain achievement, power, or wealth

ANSWERS: 23. replace, 24. rainfall, 25. tradition, 26. modest, 27. confounded, 28. discuss, 29. encouraged, 30. ambitious

31. The _____ of education is responsible for managing the schools in the country.
n. a department of government responsible for a particular area of public service
32. She closed her eyes and _____ for strength to overcome difficult times.
v. to make a request or petition to a higher power, especially in the form of a respectful or humble request
33. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.
n. a person, company, etc. to whom a debtor owes money
34. Our company decided to hire an advisor who specializes in _____.
n. the management of money, credit, banking, and investments, especially by a government or commercial organization; the branch of economics that studies the management of money and other assets
35. They had to _____ a system that did not depend on fossil fuels.
v. to come up with an idea, plan, theory, etc., using your intelligence or imagination
36. Nitrogen fixation by the Haber-Bosch method leads to the mass production of _____.
n. a natural or chemical substance added to soil to make plants grow more successfully
37. It is said that our _____ is written in the stars.
n. the events that will inevitably happen to a particular person or thing in the future
38. He was pretty _____ to pass the exam.
adj. having good luck or lucky

ANSWERS: 31. ministry, 32. prayed, 33. creditor, 34. finance, 35. devise, 36. fertilizers, 37. destiny, 38. fortunate

39. Scientific knowledge will _____ significantly with the power of AI.
v. to go or move forward; to develop in a positive way
40. We can evaluate the performance of an _____ in terms of computation time.
n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
41. The seeds _____ quickly in the warm soil.
v. to begin to grow or develop, typically as a seed sprouts
42. That statement by the prime minister drew _____ international criticism.
adj. (especially of a feeling) very strong; extremely sharp or severe
43. The policy might bring more excellent _____ stability to the country.
adj. of or relating to the money in the country
44. The government has established a _____ scheme to stimulate entrepreneurship and create job opportunities.
n. small loans, typically less than \$50,000, given to individuals or groups, particularly those who lack access to traditional banking services, to start or expand small businesses or other income-generating activities
45. Some countries may leave the _____.
n. the official currency of most European Union countries
46. After the storm, we had to _____ all the uprooted trees.
v. to remove a plant from one place and transplant it in another, often to promote growth or preserve its existence; to reattach a body part, such as a finger, hand, or even a limb, that has been completely severed from the body

ANSWERS: 39. advance, 40. algorithm, 41. germinated, 42. intense, 43. monetary, 44. microcredit, 45. Euro, 46. replant

47. The company _____ a portion of its profits to developing new products.
- v. to give or distribute something, such as resources or duties, to someone or something for a particular purpose
48. During the surgery, the doctor had to be extremely cautious not to _____ a blood vessel.
- v. to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
49. His heartaches are less _____ now.
- adj. happening constantly
50. The farmers grew a large _____ crop this year and expected a good harvest.
- n. a cereal grain that is native to the Americas and cultivated in wide varieties for its large, yellow, edible seed and as a feed for livestock
51. I will _____ my car before I go on a road trip.
- v. to provide coverage in the event of loss or damage
52. The chef boiled the corn ____ in water before roasting it on the grill.
- n. a type of bread made from cornmeal, traditionally associated with Native American cuisine; the central hub or axis of a wheel or turbine; a small, delicately built horse, typically used for riding or light work
53. 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;

ANSWERS: 47. allocated, 48. damage, 49. frequent, 50. maize, 51. insure, 52. cob, 53. revolution

54. The company is set to _____ its new product line next month.

- v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

55. We have finally lost our last _____.

- n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

56. This year's _____ gathering will be held in Canada.

- adj.* important and large in size, scope, or extent

57. The _____ student refused to follow the teacher's instructions and continued to talk during class.

- adj.* showing bold resistance or disobedience to authority, rules, or norms

58. Sow early for an early _____.

- n.* a plant that is cultivated in large amounts, particularly for food

59. The company _____ raw materials from other countries to manufacture its products.

- v.* to bring goods or services into a country from another country; to transfer electronic data into a database or document;

60. The famous restaurant stands _____ up the hill.

- adj.* in or at a point midway or an equal distance between two points

61. He _____ back in time to the soccer game.

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

ANSWERS: 54. launch, 55. prop, 56. grand, 57. defiant, 58. crop, 59. imports, 60. halfway, 61. zoomed

62. This medicine works best when taken at the _____ of a cold.
n. the beginning or early stages of unpleasant something; a military attack
63. The government should do more to _____ sustainable agribusiness.
v. to encourage or persuade people to like, buy, use, do, or support something; to raise someone to a higher position or rank
64. The growth of the "sharing economy" is _____ for tech companies.
adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable
65. The public is _____ that the prime minister has committed fraud.
adj. completely certain about something; having a strong belief or conviction in a particular religion
66. The region has been experiencing a severe _____ leading to water shortages and crop failures.
n. a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
67. He has a flair for _____.
n. the science dealing with the logic of quantities, shapes, spaces, and arrangement
68. They watched the train _____ into the distance.
v. to cease to exist or be visible
69. The federal _____ is planning to increase taxes for the next fiscal year.
n. the group of people with authority to control a country or state

ANSWERS: 62. onset, 63. promote, 64. attractive, 65. convinced, 66. drought, 67. mathematics, 68. disappear, 69. government

70. She was the sole _____ of her grandfather's estate.

n. a person who receives benefits or advantage from something, especially a financial trust or a will

71. Hydrogen and oxygen _____ to form water.

v. to join or merge to form a single thing or group

ANSWERS: 70. beneficiary, 71. combine