

Englist.me



Vocabulary Builder Reference from...

Roy Gould + Curtis Wong: A preview of the
WorldWide Telescope | TED Talk

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

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source.
We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

celebrate

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

synonym: praise, glorify, honor

(1) **celebrate** his election, (2) **celebrate** Christmas

He **celebrated** the 10th anniversary of his tenure.

astronomy

n. the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies

synonym: astrophysics, stargazing, cosmology

(1) **astronomy** science, (2) a branch of **astronomy**

He had a deep passion for extragalactic **astronomy** and spent hours observing the night sky.

anniversary

n. the annual recurrence of a date marking a notable event; a date on which an event occurred in a previous year

synonym: commemoration, celebration, observance

(1) **anniversary** celebration, (2) a bicentennial **anniversary**

They celebrated their 10th **anniversary** with a romantic dinner.

glimpse

n. a brief or partial view; the act of seeing something or someone for a very short time or only partly

synonym : glance, peek, sighting

(1) a momentary **glimpse**, (2) passing **glimpse**

Our team caught a **glimpse** of the world-class technique in this game.

telescope

n. a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

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.

invention

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

synonym : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

profound

adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

synonym : deep, unsounded, far-reaching

(1) a **profound** book, (2) the **profound** depths of the sea

My mother's illness had a **profound** impact on us all.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym : cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**
The **universe** is about 13.8 billion years old.

urge

v. to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist

synonym: push for, advise, (noun) impulse

(1) **urge** a total ban, (2) a sexual **urge**

The lobbyist **urged** Congress not to approve the measure.

lab

n. 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**.

downstairs

adv. on or to a lower or ground floor of a building

synonym: below

(1) creep **downstairs**, (2) escort him **downstairs**

Please get the desk **downstairs**.

weave

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

synonym: braid, unite, contrive

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

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

seamless

adj. without spaces or breaks between one part and the next

synonym: smooth, continuous, unseamed

(1) enable **seamless** access, (2) **seamless** device connectivity

The service was **seamless**, and the food was quite delicious.

holistic

adj. relating to or dealing with the whole of something rather than just its parts

synonym: comprehensive, all-encompassing, total

(1) **holistic** education, (2) develop a **holistic** vision

The **holistic** approach to healthcare considers the person's physical, mental, and emotional well-being.

grandparent

n. a parent of one's father or mother

(1) great- **grandparent**, (2) person of **grandparent** age

She was close to her paternal **grandparents** and often spent summers with them.

claim

v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

synonym: assert, declare, maintain

(1) **claim** responsibility, (2) false **claim**

He wants to **claim** ownership of the abandoned property.

observatory

n. a building designed and equipped to observe the planets, the stars, the weather, etc.

(1) space **observatory**, (2) a meteorological **observatory**

That astronomical **observatory** stands at the top of the mountain.

debate

n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

synonym: argument, discussion, dispute

(1) **debate** topic, (2) **debate** competition

The **debate** over climate change continues to be a hot topic in politics.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym : debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

synonym : star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors

The Milky Way **galaxy** has numerous water-bearing planets.

extend

v. to broaden in scope, range, or area

synonym : prolong, lengthen, advance

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

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

observable

adj. that can be noticed or seen

synonym : visible, perceptible, detectable

(1) **observable** change, (2) experimentally **observable**

Any theorem relies on both **observable** fact and assumption.

bang

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

synonym : crash, hit, smash

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

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

spectrum

n. an ordered array of colors into which a light beam can be split

synonym : range, scale, spread

(1) a broad **spectrum** of opinion, (2) infrared **spectrum**

This device displayed the speech **spectrum** spectrographically.

reveal

v. to make known or disclose something that was previously hidden, secret, or unknown; to unveil or show something that was concealed or not visible

synonym : disclose, unveil, expose

(1) **reveal** secrets, (2) **reveal** a plan

The detective carefully **revealed** the true identity of the murderer.

invisible

adj. impossible or nearly impossible to see

synonym : hidden, imperceptible, unseen

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

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

magnificent

adj. extremely beautiful and impressive; grand or noble in thought or deed

synonym : splendid, brilliant, exquisite

(1) a **magnificent** plan, (2) a **magnificent** mountain

The **magnificent** scene of the glacier is awe-inspiring.

nursery

n. a place where babies and young children are cared for while their parents are at work; a place where plants are grown and nurtured, especially for commercial purposes

synonym : playroom, greenhouse, conservatory

(1) day **nursery**, (2) **nursery** school

I work at the breeding **nursery**, where we grow and sell a variety of plants.

arrange

v. to plan, prepare for, and carry out something

synonym : set up, order, organize

(1) **arrange** the meeting, (2) the list was **arranged** alphabetically

I need to **arrange** plans with him for the celebration.

numb

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

synonym : dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

alien

n. a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere

synonym: foreigner, unfamiliar, unknown

(1) **alien** fungi, (2) resident **aliens**

Alien species have drastically altered the ecosystem in this area.

solar

adj. of, from, or relating to the sun

(1) the **solar** system, (2) a **solar** eclipse

Solar panels have greatly improved not only in performance but also in durability.

disconnect

v. to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment

synonym: unplug, detach, take apart

(1) **disconnect** a plug, (2) **disconnect** the water supply

She finally decided to **disconnect** herself from the company.

fragment

n. a small piece or part broken off or detached

synonym: piece, shard, segment

(1) **fragment** of a text, (2) a broken **fragment**

The archaeologist carefully pieced together the tiny **fragments** of pottery found at the dig site.

marvelous

adj. causing wonder or astonishment; excellent

synonym: wonderful, amazing, superb

(1) **marvelous** performance, (2) **marvelous** power

The view from the top of the mountain was **marvelous**.

crack

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

synonym: snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board
He that would eat the kernel must **crack** the nut.

mention

v. to speak or write about something or someone briefly
synonym: reference, allude, cite

(1) **mention** name, (2) **mention** in a report
I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

colleague

n. one of a group of a coworker, especially in a profession or a business

synonym: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**
I decided to seek counseling on the advice of my **colleague**.

excite

v. to make someone feel suddenly enthusiastic or eager
synonym: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion
The news of her promotion **excited** her.

transform

v. to change in outward structure or looks;
synonym: alter, convert, change

(1) **transform** an education system, (2) **transform** heat into power
My father's death **transformed** my life completely.

magic

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

synonym: fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**
He performed **magic** tricks with sophisticated moves.

navigate

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

synonym: guide, helm, voyage

(1) **navigate** the Pacific, (2) **navigate** through a document
Our knowledge helps **navigate** our clients successfully.

astronomer

n. a physicist who studies astronomy

synonym: stargazer, cosmologist, astrophysicist

(1) amateur **astronomer**, (2) solar **astronomer**

This question has fascinated solar **astronomers** for decades.

passionate

adj. showing intense emotion or strong feeling; characterized by great enthusiasm or zeal; deeply committed to a cause or belief

synonym: ardent, fervent, intense

(1) **passionate** speech, (2) **passionate** kiss

Their **passionate** argument lasted for hours, neither willing to back down.

nook

n. a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet

synonym: niche, corner, alcove

(1) every **nook** and cranny, (2) breakfast **nook**

The kitchen **nook** was perfect for coffee and chatting with friends.

cranny

n. a small, narrow opening or crack, especially in a wall or rock

synonym: crevice, nook, niche

(1) a **cranny** in the corner, (2) look in every nook and **cranny**

The mouse squeezed into the tiniest **cranny** of the wall to avoid being caught by the cat.

enthusiasm

n. a strong feeling of excitement and interest in a particular subject or cause and an eagerness to become involved in it

synonym: eagerness, zeal, willingness

(1) unflagging **enthusiasm**, (2) lose **enthusiasm**

We are tackling the development for updates with **enthusiasm**.

storytelling

n. the act or art of narrating or writing stories

synonym: narrating, relating, recounting

(1) **storytelling** performance, (2) courtroom **storytelling**

She was skilled in **storytelling** techniques, such as using different voices for other characters.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

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**.

introduction

n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

synonym: initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**

The **introduction** to the new class was informative and

engaging.

responsible

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

synonym : accountable, answerable, liable

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

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

insignificant

adj. of little importance, influence, or power

synonym : unimportant, trivial, irrelevant

(1) **insignificant** amount, (2) an **insignificant** mistake

He made me feel small and **insignificant**.

gaze

v. to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

synonym : stare, gawk, look

(1) **gaze** steadily at his face, (2) **gaze** absently out a window

The youngster was **gazed** at by the beast.

dialogue

n. a conversation in a book, play, or film

synonym : conversation, discussion, talk

(1) Platonic **dialogues**, (2) the form of a **dialogue**

He recorded the **dialogue** at the time of the incident.

convince

v. to persuade someone or make someone believe that something is true

synonym : persuade, win over, convert

(1) **convince** her to go with us, (2) **convince** an opponent

I am considering what I should do to **convince** him.

significance

n. the importance or value attached to something; the quality of being significant or noteworthy

synonym : importance, value, worth

(1) **significance** level, (2) mystical **significance**

The **significance** of his discovery cannot be overstated.

privilege

n. a special right or advantage that only one person or group of people has, usually because they are rich and powerful in a society

synonym: benefit, authorization, advantage

(1) a breach of **privilege**, (2) **privilege** of membership

In the Middle Ages, the right to hunt in the wild was the **privilege** of royalty and nobility.

presentation

n. the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise

synonym: exhibition, display, speech

(1) **presentation** skills, (2) **presentation** slides

She gave a fantastic **presentation** at the conference and received a standing ovation.

interactive

adj. acting reciprocally; mutually responsive

synonym: reciprocal, responsive, mutual

(1) **interactive** experience, (2) an **interactive** device

The new video game has an **interactive** storyline that allows players to make choices that affect the game's outcome.

pause

v. to take a short break from talking or doing something before continuing

synonym: halt, break, intermit

(1) **pause** a moment, (2) **pause** for a reaction

The man **paused** before opening the door.

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.

curt

adj. rudely brief or abrupt in speech or manner; blunt

synonym : abrupt, brusque, terse

(1) **curt** dismissal, (2) **curt** nod

The receptionist's **curt** reply made me feel unwelcome in the office.

dedicate

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

synonym : consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

labor

n. productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

synonym : toil, moil, donkeywork

(1) seasonal **labor**, (2) manual **labor**

In several countries, child **labor** is a serious social problem.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym : boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym : analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

download

- v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

synonym: load, save, transfer

(1) **download** files from the Internet, (2) **download** the assignment from the website

I need to **download** the latest update for my computer's operating system.

fraction

- n.* a small part or item forming a piece of a whole; the quotient of two rational numbers

synonym: piece, part, fragment

(1) a **fractional** share of the vote, (2) a numerator in a **fraction**

He spent only a **fraction** of his earnings.

Session 2: Spelling

1. an in_____le asset *adj.* impossible or nearly impossible to see
2. a cr____y in the corner *n.* a small, narrow opening or crack, especially in a wall or rock
3. ar__e a case *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
4. in_____le stars *adj.* impossible or nearly impossible to see
5. pr_____ge of membership *n.* a special right or advantage that only one person or group of people has, usually because they are rich and powerful in a society
6. ce_____te Christmas *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
7. the pr_____nd depths of the sea *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
8. look in every nook and cr____y *n.* a small, narrow opening or crack, especially in a wall or rock
9. int_____ve experience *adj.* acting reciprocally; mutually responsive
10. unflagging ent_____sm *n.* a strong feeling of excitement and interest in a particular subject or cause and an eagerness to become involved in it

ANSWERS: 1. invisible, 2. cranny, 3. argue, 4. invisible, 5. privilege, 6. celebrate, 7. profound, 8. cranny, 9. interactive, 10. enthusiasm

11. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
12. a fr_____onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
13. a broken fr_____nt *n.* a small piece or part broken off or detached
14. great-gra_____nt *n.* a parent of one's father or mother
15. manual la____r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
16. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
17. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
18. do_____ad files from the Internet *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

ANSWERS: 11. inspire, 12. fraction, 13. fragment, 14. grandparent, 15. labor, 16. argue, 17. introduction, 18. download

19. collaborate with co_____ues *n.* one of a group of a coworker, especially in a profession or a business
20. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
21. pas_____te speech *adj.* showing intense emotion or strong feeling; characterized by great enthusiasm or zeal; deeply committed to a cause or belief
22. space obs_____ry *n.* a building designed and equipped to observe the planets, the stars, the weather, etc.
23. ma_____us power *adj.* causing wonder or astonishment; excellent
24. ann_____ry celebration *n.* the annual recurrence of a date marking a notable event; a date on which an event occurred in a previous year
25. a bicentennial ann_____ry *n.* the annual recurrence of a date marking a notable event; a date on which an event occurred in a previous year
26. co_____ce an opponent *v.* to persuade someone or make someone believe that something is true
27. breakfast n__k *n.* a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet
28. creep dow_____rs *adv.* on or to a lower or ground floor of a building
29. a cr__k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

ANSWERS: 19. colleague, 20. magic, 21. passionate, 22. observatory, 23. marvelous, 24. anniversary, 25. anniversary, 26. convince, 27. nook, 28. downstairs, 29. crack

30. a momentary gl_____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly
31. amateur ast_____er *n.* a physicist who studies astronomy
32. g__e steadily at his face *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
33. the list was ar_____ed alphabetically *v.* to plan, prepare for, and carry out something
34. solar ast_____er *n.* a physicist who studies astronomy
35. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
36. pre_____ion slides *n.* the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise
37. pa__e a moment *v.* to take a short break from talking or doing something before continuing
38. a broad sp_____um of opinion *n.* an ordered array of colors into which a light beam can be split
39. sig_____nce level *n.* the importance or value attached to something; the quality of being significant or noteworthy
40. dis_____ct the water supply *v.* to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment

ANSWERS: 30. glimpse, 31. astronomer, 32. gaze, 33. arrange, 34. astronomer, 35. responsible, 36. presentation, 37. pause, 38. spectrum, 39. significance, 40. disconnect

41. al__n fungi *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
42. em___e as a butterfly *v.* to move out of or away from something and become visible
43. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
44. expansion of the un____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
45. a ga___y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
46. a branch of as_____my *n.* the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies
47. na_____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
48. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
49. em___e from poverty *v.* to move out of or away from something and become visible
50. an int_____ve device *adj.* acting reciprocally; mutually responsive

ANSWERS: 41. alien, 42. emerge, 43. excite, 44. universe, 45. galaxy, 46. astronomy, 47. navigate, 48. magic, 49. emerge, 50. interactive

51. ex____e the world *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
52. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
53. de____e competition *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
54. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
55. obs_____le change *adj.* that can be noticed or seen
56. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
57. n__b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
58. a binocular te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
59. tr_____rm an education system *v.* to change in outward structure or looks;
60. fr_____nt of a text *n.* a small piece or part broken off or detached
61. int_____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

ANSWERS: 51. explore, 52. lab, 53. debate, 54. zoom, 55. observable, 56. responsible, 57. numb, 58. telescope, 59. transform, 60. fragment, 61. introduction

62. 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
63. u__e a total ban *v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist
64. we__e on a loom *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
65. re___l secrets *v.* to make known or disclose something that was previously hidden, secret, or unknown; to unveil or show something that was concealed or not visible
66. 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
67. cr__k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
68. a breach of pr____ge *n.* a special right or advantage that only one person or group of people has, usually because they are rich and powerful in a society

ANSWERS: 62. launch, 63. urge, 64. weave, 65. reveal, 66. launch, 67. crack, 68. privilege

69. mystical sig_____nce *n.* the importance or value attached to something; the quality of being significant or noteworthy
70. elliptic ga____y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
71. look through a te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
72. escort him dow_____rs *adv.* on or to a lower or ground floor of a building
73. a meteorological obs_____ry *n.* a building designed and equipped to observe the planets, the stars, the weather, etc.
74. resident al__ns *n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
75. the form of a di_____ue *n.* a conversation in a book, play, or film
76. na_____te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
77. re____l a plan *v.* to make known or disclose something that was previously hidden, secret, or unknown; to unveil or show something that was concealed or not visible
78. lose ent_____sm *n.* a strong feeling of excitement and interest in a particular subject or cause and an eagerness to become involved in it

ANSWERS: 69. significance, 70. galaxy, 71. telescope, 72. downstairs, 73. observatory, 74. alien, 75. dialogue, 76. navigate, 77. reveal, 78. enthusiasm

79. seasonal la__r *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
80. the so__r system *adj.* of, from, or relating to the sun
81. in____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
82. theory of the un____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
83. ev____e *v.* to develop gradually, or to cause the development of something or someone gradually
84. Platonic di____ues *n.* a conversation in a book, play, or film
85. de____te a chapter to the subject *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
86. common in____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
87. co____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
88. pa__e for a reaction *v.* to take a short break from talking or doing something before continuing

ANSWERS: 79. labor, 80. solar, 81. inspire, 82. universe, 83. evolve, 84. dialogue, 85. dedicate, 86. invention, 87. communal, 88. pause

89. develop a ho____ic vision *adj.* relating to or dealing with the whole of something rather than just its parts
90. ce_____te his election *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
91. me_____n in a report *v.* to speak or write about something or someone briefly
92. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
93. ex____e the crowd *v.* to make someone feel suddenly enthusiastic or eager
94. we__e a story *v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
95. nu_____y school *n.* a place where babies and young children are cared for while their parents are at work; a place where plants are grown and nurtured, especially for commercial purposes
96. c__t dismissal *adj.* rudely brief or abrupt in speech or manner; blunt
97. as_____my science *n.* the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies
98. de____e topic *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

ANSWERS: 89. holistic, 90. celebrate, 91. mention, 92. invention, 93. excite, 94. weave, 95. nursery, 96. curt, 97. astronomy, 98. debate

109. g__e absently out a window *v.* to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else
110. ex_____e our options *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
111. de_____te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
112. person of gra_____nt age *n.* a parent of one's father or mother
113. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
114. a mag_____nt mountain *adj.* extremely beautiful and impressive; grand or noble in thought or deed
115. former co_____ue *n.* one of a group of a coworker, especially in a profession or a business
116. cl__m responsibility *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
117. passing gl_____e *n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly
118. a pr_____nd book *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

ANSWERS: 109. gaze, 110. explore, 111. dedicate, 112. grandparent, 113. communal, 114. magnificent, 115. colleague, 116. claim, 117. glimpse, 118. profound

119. infrared sp_____um *n.* an ordered array of colors into which a light beam can be split
120. day nu_____y *n.* a place where babies and young children are cared for while their parents are at work; a place where plants are grown and nurtured, especially for commercial purposes
121. experimentally obs_____le *adj.* that can be noticed or seen
122. courtroom sto_____ing *n.* the act or art of narrating or writing stories
123. a mag_____nt plan *adj.* extremely beautiful and impressive; grand or noble in thought or deed
124. every n__k and cranny *n.* a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet
125. ex___d a line *v.* to broaden in scope, range, or area
126. a numerator in a fr_____on *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
127. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
128. ins_____ant amount *adj.* of little importance, influence, or power
129. sto_____ing performance *n.* the act or art of narrating or writing stories
130. ho_____ic education *adj.* relating to or dealing with the whole of something rather than just its parts

ANSWERS: 119. spectrum, 120. nursery, 121. observable, 122. storytelling, 123. magnificent, 124. nook, 125. extend, 126. fraction, 127. evolve, 128. insignificant, 129. storytelling, 130. holistic

ANSWERS:

Session 3: Fill in the Blanks

1. That astronomical _____ stands at the top of the mountain.
n. a building designed and equipped to observe the planets, the stars, the weather, etc.

2. She was skilled in _____ techniques, such as using different voices for other characters.
n. the act or art of narrating or writing stories

3. The unique style of this martial arts _____ many action film producers.
v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

4. She was close to her paternal _____ and often spent summers with them.
n. a parent of one's father or mother

5. She finally decided to _____ herself from the company.
v. to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment

6. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually

7. The Milky Way _____ has numerous water-bearing planets.
n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

ANSWERS: 1. observatory, 2. storytelling, 3. inspired, 4. grandparents, 5. disconnect, 6. evolved, 7. galaxy

8. Please get the desk _____.

adv. on or to a lower or ground floor of a building

9. He _____ the 10th anniversary of his tenure.

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

10. I _____ to him that I had seen his sister at the grocery store earlier that day.

v. to speak or write about something or someone briefly

11. He spent only a _____ of his earnings.

n. a small part or item forming a piece of a whole; the quotient of two rational numbers

12. The couple began to _____ over which restaurant to go to for dinner.

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

13. My mother's illness had a _____ impact on us all.

adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

14. The youngster was _____ at by the beast.

v. to stare at something or someone for an extended time, usually out of surprise or adoration, or because you are thinking about something else

15. During colonial eras, new migratory patterns _____.

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

ANSWERS: 8. downstairs, 9. celebrated, 10. mentioned, 11. fraction, 12. argue, 13. profound, 14. gazed, 15. emerged

16. Their _____ argument lasted for hours, neither willing to back down.

adj. showing intense emotion or strong feeling; characterized by great enthusiasm or zeal; deeply committed to a cause or belief

17. She gave a fantastic _____ at the conference and received a standing ovation.

n. the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise

18. The _____ approach to healthcare considers the person's physical, mental, and emotional well-being.

adj. relating to or dealing with the whole of something rather than just its parts

19. My father tried to _____ mathematics into my head since childhood.

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

20. I need to _____ plans with him for the celebration.

v. to plan, prepare for, and carry out something

21. The phenomenon is _____ at optical wavelengths.

adj. impossible or nearly impossible to see

22. 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

23. In the Middle Ages, the right to hunt in the wild was the _____ of royalty and nobility.

n. a special right or advantage that only one person or group of people has, usually because they are rich and powerful in a society

ANSWERS: 16. passionate, 17. presentation, 18. holistic, 19. bang, 20. arrange, 21. invisible, 22. launch, 23. privilege

24. The news of her promotion _____ her.
- v.* to make someone feel suddenly enthusiastic or eager
25. This question has fascinated solar _____ for decades.
- n.* a physicist who studies astronomy
26. _____ species have drastically altered the ecosystem in this area.
- n.* a person who comes from a different country, race, or group; a form of life assumed to exist outside the Earth or its atmosphere
27. He wants to _____ ownership of the abandoned property.
- v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
28. The _____ to the new class was informative and engaging.
- n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
29. We are tackling the development for updates with _____.
- n.* a strong feeling of excitement and interest in a particular subject or cause and an eagerness to become involved in it
30. I am considering what I should do to _____ him.
- v.* to persuade someone or make someone believe that something is true
31. The _____ over climate change continues to be a hot topic in politics.
- n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

ANSWERS: 24. excited, 25. astronomers, 26. Alien, 27. claim, 28. introduction, 29. enthusiasm, 30. convince, 31. debate

32. _____ panels have greatly improved not only in performance but also in durability.

adj. of, from, or relating to the sun

33. The receptionist's _____ reply made me feel unwelcome in the office.

adj. rudely brief or abrupt in speech or manner; blunt

34. The service was _____ and the food was quite delicious.

adj. without spaces or breaks between one part and the next

35. The mouse squeezed into the tiniest _____ of the wall to avoid being caught by the cat.

n. a small, narrow opening or crack, especially in a wall or rock

36. The detective carefully _____ the true identity of the murderer.

v. to make known or disclose something that was previously hidden, secret, or unknown; to unveil or show something that was concealed or not visible

37. The new video game has an _____ storyline that allows players to make choices that affect the game's outcome.

adj. acting reciprocally; mutually responsive

38. He performed _____ tricks with sophisticated moves.

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

39. He made me feel small and _____.

adj. of little importance, influence, or power

ANSWERS: 32. Solar, 33. curt, 34. seamless, 35. cranny, 36. revealed, 37. interactive, 38. magic, 39. insignificant

40. The management must _____ strategies to increase office security.
v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
41. Our knowledge helps _____ our clients successfully.
v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map
42. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory
43. The kitchen _____ was perfect for coffee and chatting with friends.
n. a small corner, alcove, or recess, especially one in a room or garden providing a seat or space for quiet
44. The _____ scene of the glacier is awe-inspiring.
adj. extremely beautiful and impressive; grand or noble in thought or deed
45. The view from the top of the mountain was _____.
adj. causing wonder or astonishment; excellent
46. I decided to seek counseling on the advice of my _____.
n. one of a group of a coworker, especially in a profession or a business
47. He _____ back in time to the soccer game.
v. to move along very quickly; (noun) the act of rising upward into the air
48. This device displayed the speech _____ spectrographically.
n. an ordered array of colors into which a light beam can be split

ANSWERS: 40. explore, 41. navigate, 42. lab, 43. nook, 44. magnificent, 45. marvelous, 46. colleague, 47. zoomed, 48. spectrum

49. The lobbyist _____ Congress not to approve the measure.
- v.* to spur on or encourage someone, especially by cheers and shouts; (noun) a strong desire or impulse, especially one that is difficult to control or resist
50. In several countries, child _____ is a serious social problem.
- n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
51. Necessity is the mother of _____.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
52. The _____ is about 13.8 billion years old.
- n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
53. He _____ his life to helping others.
- v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
54. I need to _____ the latest update for my computer's operating system.
- v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
55. The archaeologist carefully pieced together the tiny _____ of pottery found at the dig site.
- n.* a small piece or part broken off or detached

ANSWERS: 49. urged, 50. labor, 51. invention, 52. universe, 53. dedicated, 54. download, 55. fragments

56. They celebrated their 10th _____ with a romantic dinner.
- n.* the annual recurrence of a date marking a notable event; a date on which an event occurred in a previous year
57. The girl _____ a garland for her friend.
- v.* to make cloth, a carpet, a basket, etc., by repeatedly crossing a single thread through two sets of long threads at a right angle to them
58. He that would eat the kernel must _____ the nut.
- v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
59. My father's death _____ my life completely.
- v.* to change in outward structure or looks;
60. He recorded the _____ at the time of the incident.
- n.* a conversation in a book, play, or film
61. The _____ of his discovery cannot be overstated.
- n.* the importance or value attached to something; the quality of being significant or noteworthy
62. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.
- adj.* answerable or accountable for something within one's power, control, or management
63. Our team caught a _____ of the world-class technique in this game.
- n.* a brief or partial view; the act of seeing something or someone for a very short time or only partly

ANSWERS: 56. anniversary, 57. weaves, 58. crack, 59. transformed, 60. dialogue, 61. significance, 62. responsible, 63. glimpse

64. He had a deep passion for extragalactic _____ and spent hours observing the night sky.
- n.* the scientific study of objects and matter outside the Earth's atmosphere, especially the positions, motions, and evolution of celestial bodies
65. _____ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use
66. The man _____ before opening the door.
- v.* to take a short break from talking or doing something before continuing
67. This facility has the largest astronomical _____ in the country.
- n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
68. Her visit will _____ from Monday to Friday.
- v.* to broaden in scope, range, or area
69. My left arm became _____.
- adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
70. I work at the breeding _____ where we grow and sell a variety of plants.
- n.* a place where babies and young children are cared for while their parents are at work; a place where plants are grown and nurtured, especially for commercial purposes
71. Any theorem relies on both _____ fact and assumption.
- adj.* that can be noticed or seen

ANSWERS: 64. astronomy, 65. Communal, 66. paused, 67. telescope, 68. extend, 69. numb, 70. nursery, 71. observable

ANSWERS: