

# Englist.me



## Vocabulary Builder Reference from...

*Pierre Barreau: How AI could compose a personalized soundtrack to your life | TED Talk*  
[https://www.ted.com/talks/pierre\\_barreau\\_how\\_ai\\_could\\_compose\\_a\\_personalized\\_soundtrack\\_to\\_your\\_life](https://www.ted.com/talks/pierre_barreau_how_ai_could_compose_a_personalized_soundtrack_to_your_life)

### All Words

#### IMPORTANT

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## Session 1: Word List

- feat** *n.* a notable or impressive achievement, especially one that requires great skill or bravery  
*synonym*: achievement, accomplishment, exploit  
(1) intellectual **feat**, (2) **feat** accomplishment  
It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.
- superintelligence** *n.* a hypothetical agent, for example, a computer or space alien, that possesses intelligence far surpassing that of humankind  
(1) digital **superintelligence**, (2) artificial **superintelligence**  
He is looking for evidence of the existence of **superintelligence** from cosmic signals.
- AI** *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation  
*synonym*: robot, machine learning, neural network  
(1) **AI** expert, (2) apply **AI** technology to art  
The evolution of processors has dramatically improved the

performance of **AI**.

## photograph

*n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film  
*synonym*: photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

## decide

*v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options  
*synonym*: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

## capture

*v.* to catch a person or an animal and confine them in an area which they cannot escape  
*synonym*: catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

## engineer

*n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software  
*synonym*: architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

## compose

*v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it  
*synonym*: compile, constitute, build

(1) **compose** an essay, (2) **compose** my thoughts

The structure is **composed** of three main components.

## intelligence

*n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons

*synonym* : brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

## composition

*n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

*synonym* : creating, formatting, arrangement

(1) age **composition** of the population, (2) the piano passages in the **composition**

Their innovative concepts were consistent across their bodies of **composition**.

## 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.

## matrix

*n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

*synonym* : grid, cast, table

(1) the **matrix** of Western civilization, (2) **matrix** multiplication

The **matrix** of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.

## representation

*n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

*synonym* : delegacy, manifestation, expression

(1) sales **representation**, (2) binary **representation**

A person who has been declared incompetent should have

legal **representation**.

**frame**

*n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

*synonym*: body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

**neural**

*adj.* of or relating to a nerve or the nervous system that includes the brain

*synonym*: sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in AI

There was a disturbance of **neural** function.

**infer**

*v.* to form an opinion or conclude that something is true based on existing facts

*synonym*: guess, deduce, assume

(1) **infer** quality from price, (2) **infer** the possibility

Animal desire and preference are always **inferred** from their behavior.

**prediction**

*n.* the act of predicting the future by reasoning; a statement made about the future

*synonym*: forecast, anticipation, foretelling

(1) make my **predictions**, (2) gloomy **predictions**

These results muddied the **prediction**.

**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**.

**trial-and-error**

*n.* the process of trying different methods or options until the right one is found

*synonym*: experimentation, bottom-up

(1) **trial-and-error** method, (2) learn by **trial-and-error**  
The **trial-and-error** approach was used to find the best solution.

## process

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

*synonym* : procedure, method, system

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

## subjective

*adj.* based on a personal perspective or feeling rather than an unbiased or objective view; influenced by personal opinions, interpretations, or feelings

*synonym* : personal, individual, experiential

(1) **subjective** opinion, (2) **subjective** interpretation  
The concept of time is **subjective** and can feel longer or shorter depending on the situation.

## preference

*n.* a stronger liking or interest for something or someone than another thing or person

*synonym* : taste, choice, affection

(1) his meal **preferences**, (2) a particular **preference** for Chinese art  
Her **preference** is comfortable clothing over fashionable ones.

## label

*n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

*synonym* : tag, mark, identifier

(1) a mailing **label**, (2) **label** a bag with my name  
The **label** on the food package lists the ingredients and nutritional information.

## database

*n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily

(1) **database** administrator, (2) employee **database**

Each country's officials can access the central **database**.

## mood

*n.* the way you feel at a particular time; an angry or impatient state of mind

*synonym*: mindset, disposition, temper

(1) the **mood** in a room, (2) in an ugly **mood**

His gaffe spoiled the **mood** of the dinner party.

## density

*n.* the quality of compactness of a substance

*synonym*: tightness, viscosity

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

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

## epoch

*n.* a particular period of time, usually marked by significant events or developments; a division of geologic time

*synonym*: era, age, period

(1) **epoch-making** event, (2) post-modern **epoch**

The Industrial Revolution is often considered an **epoch** in human history.

## precise

*adj.* sharply exact or accurate or delimited

*synonym*: accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

## requirement

*n.* something that is needed or wanted

*synonym*: prerequisite, provision, condition

(1) meet **requirement**, (2) school **requirement**

What is the entry **requirement** for this course?

## commit

*v.* to do something illegal or wrong

*synonym*: engage, carry out, execute

(1) **commit** suicide, (2) **commit** mistakes

The military has **committed** an abuse of human rights.

## reminiscent

*adj.* making you remember someone or something; relating to the recall of personal interests

*synonym*: evocative, remindful, redolent

(1) **reminiscent** of ancient times, (2) **reminiscent** smile  
His painting style is **reminiscent** of Monet's

## fiction

*n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

*synonym*: fantasy, fable, invention

(1) stuff of science **fiction**, (2) non- **fiction** bestseller  
Truth is stranger than **fiction**.

## soundtrack

*n.* the recorded audio that accompanies a movie, television program, or video game

*synonym*: score, background music, accompaniment

(1) **soundtrack** album, (2) a motion picture with a **soundtrack**

The **soundtrack** to the movie was composed by a famous musician.

## orchestra

*n.* a large group of musicians who play classical music together, usually with instruments such as strings, woodwinds, brass, and percussion

*synonym*: ensemble, symphony, band

(1) full **orchestra**, (2) **orchestra** conductor

The accomplished **orchestra** will give two more performances this week.

## conductor

*n.* someone who leads the performance of musicians or a piece of music; (in physics) an object, substance, or material that readily allows the flow of electricity, heat, etc.

*synonym*: director, manager

(1) **conductor** directing a symphony, (2) oxide **conductor**

Diamonds are employed as thermal **conductors** as well.

## augment

*v.* to increase the size, extent, quantity, etc. of something by adding something to it

*synonym*: boost, increase, expand

(1) **augment** the reality, (2) **augment** immunity

Economic factors and monetary policy **augmented** inflation.

## creative

*adj.* relating to or involving the use of skill and original and unusual ideas to create something

*synonym*: imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

## silent

*adj.* without any or little sound

*synonym*: quiet, hushed, mute

(1) **silent** reading, (2) give **silent** consent

The politician remained **silent** despite intense media scrutiny.

## cram

*v.* to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space

*synonym*: stuff, pack, jam

(1) **cram** more circuits into chips, (2) **cram** five people into a car

She had to **cram** for the final exam and stayed up all night studying.

## symphony

*n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements

*synonym*: orchestra, harmony, concert

(1) a **symphony** orchestra, (2) a beautiful **symphony**

The frequent performances of the **symphony** prove its popularity.



## 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**.

## enhance

*v.* to increase or improve the quality, amount, or strength of someone or something

*synonym*: improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla

The new strategy will **enhance** the profitability of our company.

## consume

*v.* to spend something, especially fuel, energy, or time, in a large amount

*synonym*: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

## nowadays

*adv.* at the current time, in comparison to the past

*synonym*: currently, presently, today

(1) young people **nowadays**, (2) not to be seen **nowadays**

People can clone a sheep **nowadays**.

## 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.

## loop

*n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself

*synonym*: circle, curl, spiral

(1) exit from a **loop**, (2) positive feedback **loop**

Many people in this city use the **loop** railway for

transportation.

## immerse

*v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

*synonym* : dip, inundate, submerge

(1) **immerse** the cloth in the dye, (2) completely **immerse** the ingredient

He **immersed** himself in his research.

## beloved

*adj.* loved very much

*synonym* : adored, cherished, dear

(1) **beloved** author, (2) **beloved** by many people

I am here to save my **beloved**.

## vision

*n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

*synonym* : sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

## individual

*n.* a single person or thing, as distinct from a group

*synonym* : person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

## bias

*n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment

*synonym* : inclination, partiality, predilection

(1) **bias** against a big company, (2) have a **bias** toward socialism

She researched gender **bias** in politics.

## jingle

*v.* to create or make a ringing sound, particularly one that is musical or catchy

*synonym*: tinkle, chime, ring

(1) **jingle** a little bell, (2) **jingle** money in my pocket

The keys on her keychain **jingled** loudly as she fumbled to unlock the door.

## awe

*n.* a feeling of respect and wonder inspired by someone or something greatly admired

*synonym*: wonder, amazement, reverence

(1) a feeling of **awe**, (2) in **awe** of the situation

The **awe-inspiring** mountains dominate the landscape.

## amazement

*n.* a state of great surprise or wonder caused by something extraordinary or unexpected

*synonym*: astonishment, wonder, surprise

(1) express **amazement**, (2) feeling of **amazement**

The magician's disappearing act left the audience in **amazement**.

## Session 2: Spelling

1. or\_\_\_\_\_ra conductor *n.* a large group of musicians who play classical music together, usually with instruments such as strings, woodwinds, brass, and percussion
2. oxide co\_\_\_\_\_or *n.* someone who leads the performance of musicians or a piece of music; (in physics) an object, substance, or material that readily allows the flow of electricity, heat, etc.
3. a civil en\_\_\_\_\_er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
4. si\_\_\_\_t reading *adj.* without any or little sound
5. ne\_\_\_\_l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
6. a picture fr\_\_e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
7. int\_\_\_\_\_ve experience *adj.* acting reciprocally; mutually responsive
8. c\_\_m five people into a car *v.* to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space
9. higher pixel de\_\_\_\_\_y *n.* the quality of compactness of a substance

ANSWERS: 1. orchestra, 2. conductor, 3. engineer, 4. silent, 5. neural, 6. frame, 7. interactive, 8. cram, 9. density

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|--|---|
| 10. the piano passages in the com_____on | <i>n.</i> the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone                                    |
| 11. c__m more circuits into chips        | <i>v.</i> to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space |
| 12. ji___e a little bell                 | <i>v.</i> to create or make a ringing sound, particularly one that is musical or catchy   |
| 13. a prodigious vi___n                  | <i>n.</i> the ability to think about or see the future with imagination and intelligence; the faculty of being able to see  |
| 14. en_____e the flavor of the vanilla   | <i>v.</i> to increase or improve the quality, amount, or strength of someone or something   |
| 15. be_____d by many people              | <i>adj.</i> loved very much   |
| 16. telescopic vi___n                    | <i>n.</i> the ability to think about or see the future with imagination and intelligence; the faculty of being able to see  |
| 17. sou_____ck album                     | <i>n.</i> the recorded audio that accompanies a movie, television program, or video game  |
| 18. stuff of science fi_____n            | <i>n.</i> the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true   |

ANSWERS: 10. composition, 11. cram, 12. jingle, 13. vision, 14. enhance, 15. beloved, 16. vision, 17. soundtrack, 18. fiction

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|--------------------------------------|---|
| 19. in an ugly m__d                  | <i>n.</i> the way you feel at a particular time; an angry or impatient state of mind  |
| 20. the m__d in a room               | <i>n.</i> the way you feel at a particular time; an angry or impatient state of mind  |
| 21. co__t mistakes                   | <i>v.</i> to do something illegal or wrong  |
| 22. have a b__s toward socialism     | <i>n.</i> a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment  |
| 23. age com_____on of the population | <i>n.</i> the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone  |
| 24. pr_____s improvement             | <i>n.</i> a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products |
| 25. en_____er shortage               | <i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software   |
| 26. the fr__e of the policy          | <i>n.</i> a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window   |
| 27. a private ind_____al             | <i>n.</i> a single person or thing, as distinct from a group  |

ANSWERS: 19. mood, 20. mood, 21. commit, 22. bias, 23. composition, 24. process, 25. engineer, 26. frame, 27. individual

28. co\_\_\_\_\_or directing a symphony      *n.* someone who leads the performance of musicians or a piece of music; (in physics) an object, substance, or material that readily allows the flow of electricity, heat, etc.
29. school req\_\_\_\_\_nt      *n.* something that is needed or wanted
30. pho\_\_\_\_\_ph album      *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
31. rem\_\_\_\_\_nt smile      *adj.* making you remember someone or something; relating to the recall of personal interests
32. la\_\_l a bag with my name      *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
33. sales rep\_\_\_\_\_ion      *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
34. f\_\_t accomplishment      *n.* a notable or impressive achievement, especially one that requires great skill or bravery
35. im\_\_\_\_\_e the cloth in the dye      *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

ANSWERS: 28. conductor, 29. requirement, 30. photograph, 31. reminiscent, 32. label, 33. representation, 34. feat, 35. immerse

36. ne\_\_\_l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
37. a beautiful sy\_\_\_\_ny *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
38. common in\_\_\_\_on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
39. co\_\_\_\_e an essay *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
40. sub\_\_\_\_ve interpretation *adj.* based on a personal perspective or feeling rather than an unbiased or objective view; influenced by personal opinions, interpretations, or feelings
41. en\_\_\_\_e value *v.* to increase or improve the quality, amount, or strength of someone or something
42. population de\_\_\_\_y *n.* the quality of compactness of a substance
43. a particular pre\_\_\_\_ce for Chinese art *n.* a stronger liking or interest for something or someone than another thing or person
44. co\_\_\_\_e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
45. an int\_\_\_\_ve device *adj.* acting reciprocally; mutually responsive
46. a motion picture with a sou\_\_\_\_ck *n.* the recorded audio that accompanies a movie, television program, or video game

ANSWERS: 36. neural, 37. symphony, 38. invention, 39. compose, 40. subjective, 41. enhance, 42. density, 43. preference, 44. consume, 45. interactive, 46. soundtrack



47. an int\_\_\_\_\_nce test      *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
48. field of artificial int\_\_\_\_\_nce      *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
49. young people no\_\_\_\_\_ys      *adv.* at the current time, in comparison to the past
50. digital sup\_\_\_\_\_nce      *n.* a hypothetical agent, for example, a computer or space alien, that possesses intelligence far surpassing that of humankind
51. de\_\_\_e a question      *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
52. post-modern ep\_\_\_h      *n.* a particular period of time, usually marked by significant events or developments; a division of geologic time
53. in a\_e of the situation      *n.* a feeling of respect and wonder inspired by someone or something greatly admired
54. in\_\_r quality from price      *v.* to form an opinion or conclude that something is true based on existing facts
55. learn by tri\_\_\_\_\_ror      *n.* the process of trying different methods or options until the right one is found
56. completely im\_\_\_e the ingredient      *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

ANSWERS: 47. intelligence, 48. intelligence, 49. nowadays, 50. superintelligence, 51. decide, 52. epoch, 53. awe, 54. infer, 55. trial-and-error, 56. immerse

57. full or \_\_\_\_\_ra *n.* a large group of musicians who play classical music together, usually with instruments such as strings, woodwinds, brass, and percussion
58. feeling of am \_\_\_\_\_nt *n.* a state of great surprise or wonder caused by something extraordinary or unexpected
59. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
60. meet req \_\_\_\_\_nt *n.* something that is needed or wanted
61. 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
62. tri \_\_\_\_\_ror method *n.* the process of trying different methods or options until the right one is found
63. positive feedback l \_\_\_\_p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
64. make my pre \_\_\_\_\_ons *n.* the act of predicting the future by reasoning; a statement made about the future
65. cr \_\_\_\_\_ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something

ANSWERS: 57. orchestra, 58. amazement, 59. AI, 60. requirement, 61. algorithm, 62. trial-and-error, 63. loop, 64. prediction, 65. creative

66. exit from a l\_\_p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
67. give si\_\_t consent *adj.* without any or little sound
68. de\_\_\_e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
69. ji\_\_\_e money in my pocket *v.* to create or make a ringing sound, particularly one that is musical or catchy
70. ind\_\_\_\_\_al freedom *n.* a single person or thing, as distinct from a group
71. in\_\_r the possibility *v.* to form an opinion or conclude that something is true based on existing facts
72. co\_\_\_\_\_e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
73. express am\_\_\_\_\_nt *n.* a state of great surprise or wonder caused by something extraordinary or unexpected
74. a good grounding in mat\_\_\_\_\_cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
75. his meal pre\_\_\_\_\_ces *n.* a stronger liking or interest for something or someone than another thing or person
76. apply AI technology to art *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

ANSWERS: 66. loop, 67. silent, 68. decide, 69. jingle, 70. individual, 71. infer, 72. consume, 73. amazement, 74. mathematics, 75. preference, 76. AI

77. estimate pr\_\_\_\_e costs *adj.* sharply exact or accurate or delimited
78. binary rep\_\_\_\_\_ion *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
79. not to be seen no\_\_\_\_\_ys *adv.* at the current time, in comparison to the past
80. ep\_\_h-making event *n.* a particular period of time, usually marked by significant events or developments; a division of geologic time
81. the RSA al\_\_\_\_\_hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
82. sub\_\_\_\_\_ve opinion *adj.* based on a personal perspective or feeling rather than an unbiased or objective view; influenced by personal opinions, interpretations, or feelings
83. be\_\_\_\_\_d author *adj.* loved very much
84. da\_\_\_\_\_se administrator *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
85. ca\_\_\_\_\_e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
86. ma\_\_\_x multiplication *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops

ANSWERS: 77. precise, 78. representation, 79. nowadays, 80. epoch, 81. algorithm, 82. subjective, 83. beloved, 84. database, 85. capture, 86. matrix

87. pr\_\_\_\_e analyses *adj.* sharply exact or accurate or delimited
88. a sy\_\_\_\_ny orchestra *n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
89. a feeling of a\_e *n.* a feeling of respect and wonder inspired by someone or something greatly admired
90. ca\_\_\_\_e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
91. the in\_\_\_\_on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
92. co\_\_\_\_e my thoughts *v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it
93. intellectual f\_\_t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
94. non-fi\_\_\_\_n bestseller *n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true
95. barren of cr\_\_\_\_ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
96. artificial sup\_\_\_\_\_nce *n.* a hypothetical agent, for example, a computer or space alien, that possesses intelligence far surpassing that of humankind

ANSWERS: 87. precise, 88. symphony, 89. awe, 90. capture, 91. invention, 92. compose, 93. feat, 94. fiction, 95. creative, 96. superintelligence

97. gloomy pre\_\_\_\_\_ons *n.* the act of predicting the future by reasoning; a statement made about the future
98. a mailing la\_\_l *n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category
99. rem\_\_\_\_\_nt of ancient times *adj.* making you remember someone or something; relating to the recall of personal interests
100. au\_\_\_\_\_t immunity *v.* to increase the size, extent, quantity, etc. of something by adding something to it
101. pho\_\_\_\_\_ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
102. co\_\_\_t suicide *v.* to do something illegal or wrong
103. decision-making pr\_\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
104. mat\_\_\_\_\_cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

ANSWERS: 97. prediction, 98. label, 99. reminiscent, 100. augment, 101. photograph, 102. commit, 103. process, 104. mathematics

105. employee da\_\_\_\_se *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
106. b\_\_s against a big company *n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment
107. the ma\_\_\_\_x of Western civilization *n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
108. au\_\_\_\_t the reality *v.* to increase the size, extent, quantity, etc. of something by adding something to it

ANSWERS: 105. database, 106. bias, 107. matrix, 108. augment

## Session 3: Fill in the Blanks

1. The frequent performances of the \_\_\_\_\_ prove its popularity.  
*n.* a long musical composition in Western classical music for orchestra, usually with three or four main parts called movements
2. The new strategy will \_\_\_\_\_ the profitability of our company.  
*v.* to increase or improve the quality, amount, or strength of someone or something
3. The \_\_\_\_\_ mountains dominate the landscape.  
*n.* a feeling of respect and wonder inspired by someone or something greatly admired
4. He is looking for evidence of the existence of \_\_\_\_\_ from cosmic signals.  
*n.* a hypothetical agent, for example, a computer or space alien, that possesses intelligence far surpassing that of humankind
5. The accomplished \_\_\_\_\_ will give two more performances this week.  
*n.* a large group of musicians who play classical music together, usually with instruments such as strings, woodwinds, brass, and percussion
6. 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
7. In terms of \_\_\_\_\_ he was head and shoulders above his classmates.  
*n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons

ANSWERS: 1. symphony, 2. enhance, 3. awe-inspiring, 4. superintelligence, 5. orchestra, 6. algorithm, 7. intelligence,



8. All the supervisor has to do is assign tasks that make his subordinates more \_\_\_\_\_.
- adj.* relating to or involving the use of skill and original and unusual ideas to create something
9. The detective looked for fingerprints on the window \_\_\_\_\_.
- n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
10. There was a disturbance of \_\_\_\_\_ function.
- adj.* of or relating to a nerve or the nervous system that includes the brain
11. The keys on her keychain \_\_\_\_\_ loudly as she fumbled to unlock the door.
- v.* to create or make a ringing sound, particularly one that is musical or catchy
12. The Industrial Revolution is often considered an \_\_\_\_\_ in human history.
- n.* a particular period of time, usually marked by significant events or developments; a division of geologic time
13. I found an old \_\_\_\_\_ of my grandparents from their wedding day.
- n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
14. She had to \_\_\_\_\_ for the final exam and stayed up all night studying.
- v.* to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space
15. The \_\_\_\_\_ on the food package lists the ingredients and nutritional information.
- n.* a small piece of paper, fabric, or other material attached to an object and giving information about it; (verb) to assign to a category

ANSWERS: 8. creative, 9. frame, 10. neural, 11. jingled, 12. epoch, 13. photograph, 14. cram, 15. label

16. Their innovative concepts were consistent across their bodies of \_\_\_\_\_.
- n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
17. She researched gender \_\_\_\_\_ in politics.
- n.* a strong feeling in favor of or against one group of people, an idea, or thing, often not based on fair judgment
18. I am here to save my \_\_\_\_\_.
- adj.* loved very much
19. The \_\_\_\_\_ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
20. Necessity is the mother of \_\_\_\_\_.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
21. The content is \_\_\_\_\_ and informative for me.
- adj.* sharply exact or accurate or delimited
22. Each country's officials can access the central \_\_\_\_\_.
- n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
23. Truth is stranger than \_\_\_\_\_.
- n.* the type of book or story, especially novels, that describes imaginary events and people; anything made up or imagined that is not true

ANSWERS: 16. composition, 17. bias, 18. beloved, 19. engineer, 20. invention, 21. precise, 22. database, 23. fiction

24. His gaffe spoiled the \_\_\_\_\_ of the dinner party.

*n.* the way you feel at a particular time; an angry or impatient state of mind

25. The new video game has an \_\_\_\_\_ storyline that allows players to make choices that affect the game's outcome.

*adj.* acting reciprocally; mutually responsive

26. It is an incredible \_\_\_\_\_ to climb Mount Everest, the highest mountain in the world.

*n.* a notable or impressive achievement, especially one that requires great skill or bravery

27. The magician's disappearing act left the audience in \_\_\_\_\_.

*n.* a state of great surprise or wonder caused by something extraordinary or unexpected

28. I was able to \_\_\_\_\_ the moment on film.

*v.* to catch a person or an animal and confine them in an area which they cannot escape

29. People can clone a sheep \_\_\_\_\_.

*adv.* at the current time, in comparison to the past

30. The evolution of processors has dramatically improved the performance of \_\_\_\_.

*n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

31. Driving is difficult for me because of my poor \_\_\_\_\_.

*n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

ANSWERS: 24. mood, 25. interactive, 26. feat, 27. amazement, 28. capture, 29. nowadays, 30. AI, 31. vision

32. Her \_\_\_\_\_ is comfortable clothing over fashionable ones.  
*n.* a stronger liking or interest for something or someone than another thing or person
33. Economic factors and monetary policy \_\_\_\_\_ inflation.  
*v.* to increase the size, extent, quantity, etc. of something by adding something to it
34. He has a flair for \_\_\_\_\_.  
*n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
35. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.  
*n.* a single person or thing, as distinct from a group
36. A smaller car will \_\_\_\_\_ less fuel.  
*v.* to spend something, especially fuel, energy, or time, in a large amount
37. The \_\_\_\_\_ approach was used to find the best solution.  
*n.* the process of trying different methods or options until the right one is found
38. Animal desire and preference are always \_\_\_\_\_ from their behavior.  
*v.* to form an opinion or conclude that something is true based on existing facts
39. The concept of time is \_\_\_\_\_ and can feel longer or shorter depending on the situation.  
*adj.* based on a personal perspective or feeling rather than an unbiased or objective view; influenced by personal opinions, interpretations, or feelings

ANSWERS: 32. preference, 33. augmented, 34. mathematics, 35. individual, 36. consume, 37. trial-and-error, 38. inferred, 39. subjective

40. What is the entry \_\_\_\_\_ for this course?  
*n.* something that is needed or wanted
41. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.  
*n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
42. These results muddied the \_\_\_\_\_.  
*n.* the act of predicting the future by reasoning; a statement made about the future
43. The \_\_\_\_\_ of numbers on the spreadsheet allowed the accountant to track the company's profits and losses easily.  
*n.* a rectangular array of numbers, symbols, or expressions, arranged in rows and columns and often enclosed in brackets; an enclosure within which something originates or develops
44. The military has \_\_\_\_\_ an abuse of human rights.  
*v.* to do something illegal or wrong
45. Many people in this city use the \_\_\_\_\_ railway for transportation.  
*n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
46. His painting style is \_\_\_\_\_ of Monet's  
*adj.* making you remember someone or something; relating to the recall of personal interests
47. A person who has been declared incompetent should have legal \_\_\_\_\_.  
*n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

ANSWERS: 40. requirement, 41. process, 42. prediction, 43. matrix, 44. committed, 45. loop, 46. reminiscent, 47. representation

48. Diamonds are employed as thermal \_\_\_\_\_ as well.

- n.* someone who leads the performance of musicians or a piece of music; (in physics) an object, substance, or material that readily allows the flow of electricity, heat, etc.

49. The \_\_\_\_\_ to the movie was composed by a famous musician.

- n.* the recorded audio that accompanies a movie, television program, or video game

50. The politician remained \_\_\_\_\_ despite intense media scrutiny.

- adj.* without any or little sound

51. He \_\_\_\_\_ himself in his research.

- v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

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

- n.* the quality of compactness of a substance

53. She couldn't \_\_\_\_\_ whether to order the pizza or the pasta for dinner.

- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

54. The structure is \_\_\_\_\_ of three main components.

- v.* to write music, poetry, or formal writing; to constitute or make up a whole, or a specified part of it

ANSWERS: 48. conductors, 49. soundtrack, 50. silent, 51. immersed, 52. density, 53. decide, 54. composed