

# Englist.me



## Vocabulary Builder Reference from...

Mark Changizi: Why do we see illusions? | TED Talk  
[https://www.ted.com/talks/mark\\_changizi\\_why\\_do\\_we\\_see\\_illusions](https://www.ted.com/talks/mark_changizi_why_do_we_see_illusions)

### All Words

#### IMPORTANT

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## Session 1: Word List

### illusion

*n.* a false idea or belief, especially about somebody or about a situation

*synonym*: delusion, fallacy, magic trick

(1) optical **illusion**, (2) the **illusion** of being in the forest

He could no longer tell the difference between **illusion** and reality.

### hypothesis

*n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

*synonym*: assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**

This evidence supports the big-bang **hypothesis**.

### stand-in

*n.* a person or thing that acts as a substitute, replacement, or temporary assistant for someone or something else; a double or understudy for a performer or actor

*synonym*: substitute, replacement, understudy

(1) **stand-in** teacher, (2) use a **stand-in** in an exam

The company hired a **stand-in** for the CEO for the shareholder meeting.

### parallel

*adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple

operations

*synonym* : aligned, side-by-side, similar

(1) a **parallel** case, (2) **parallel** processing

He walked a road **parallel** to the railroad.

**perceive**

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

*synonym* : sense, discern, feel

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

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

**bow**

*v.* to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows

*synonym* : bend, curve, arch

(1) **bow** and greet, (2) a **bow** wave

She **bowed** to the audience after her performance.

**outward**

*adj.* relating to the external appearance or surface of something; visible

*synonym* : external, surface, exterior

(1) an **outward** journey, (2) **outward** cheerfulness

The **outward** appearance of the building was impressive, but the inside was in dire need of repairs.

**radial**

*adj.* of or relating to rays or the radii of a circle; spreading out from a central point

*synonym* : concentric, central, spoke-like

(1) **radial** symmetry, (2) in a **radial** direction

The **radial** design of the wheel allows for maximum strength and stability.

**visual**

*adj.* relating to seeing or sight

*synonym* : optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

## remarkable

*adj.* worthy of attention because unusual or special

*synonym* : outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

## stimulus

*n.* something that causes growth or arouses action

*synonym* : incitement, inspiration, motivation

(1) a response to a **stimulus**, (2) economic **stimulus**

This book provides children with ideas and a **stimulus** for outside recreation.

## bunch

*n.* a grouping of several similar things which are growing or fastened together

*synonym* : group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

## straight

*adj.* extending or moving in one direction without bending or curving; having no deviations

*synonym* : linear, honest, consecutive

(1) a **straight** line, (2) **straight** for two months

He was sick for five **straight** days.

## complicated

*adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

*synonym* : complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly

**complicated**

He did **complicated** pen-and-ink drawings in just a few days.

## 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.

## render

*v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

*synonym*: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

## incredibly

*adv.* in a way that is very difficult to believe; exceedingly or extremely

*synonym*: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

## quest

*n.* a long or challenging search for something

*synonym*: exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness

That adventurer traveled in **quest** of buried treasure.

## brain

*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

*synonym*: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

## 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.

## handle

*v.* to deal with a situation, problem, or strong emotion

*synonym*: control, manage, deal with

(1) **handle** a precious object, (2) **handled** the incident  
We all should learn how to **handle** stress.

## encounter

*v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

*synonym*: meet, run into, come across

(1) **encounter** a crisis, (2) **encounter** a storm

I'm prepared to **encounter** challenges throughout this adventure.

## odd

*adj.* strange or unexpected; not divisible by two

*synonym*: strange, bizarre, abnormal

(1) in an **odd** way, (2) **odd** behavior

His grandfather was an **odd** man.

## optic

*adj.* relating to vision or the eyes; relating to or involving light or optics

*synonym*: visual, ocular, visualized

(1) **optic** fiber, (2) **optic** illusion

The campaign ad was designed with bright colors and bold fonts for maximum **optic** impact.

## enterprise

*n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort

*synonym*: business, company, industry

(1) undertake an **enterprise**, (2) his business **enterprise**

A growing **enterprise** requires a bold leader.

## warp

*v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

*synonym*: twist, distort, deform

(1) **warp** under pressure, (2) become **warped**

The ship's hull was **warped** from years of use in rough seas.

- trail** *n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind  
*synonym* : footpath, track, course  
(1) a warm **trail**, (2) follow the **trail**  
The storm left a **trail** of destruction behind it.
- blur** *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision  
*synonym* : smudge, smear, fuzz  
(1) **blur** image, (2) motion **blur**  
The camera's focus was off, and the image was a **blur** of colors and shapes.
- retina** *n.* the innermost light-sensitive membrane covering the back wall of the eyeball  
(1) **retinal** cells, (2) **retina** scanner  
Damage to the **retina** may play a role in the development of glaucoma.
- activate** *v.* make something start working, more active or dynamic  
*synonym* : mobilize, stimulate, initiate  
(1) **activate** a receptor, (2) **activate** a motor  
You must **activate** the software with a 16-digit key before you can use it.
- neuron** *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body  
*synonym* : nerve cell  
(1) excite the **neurons**, (2) **neuron** cell body  
Our body transfers information along each **neuron** using an electrical impulse.
- row** *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars  
*synonym* : line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees  
He was the leader of the demonstrators and spoke out against the war in the front **row**.

## cartoon

*n.* a simple drawing depicting a humorous or critical situation, often accompanied by a caption

*synonym*: illustration, drawing, caricature

(1) **cartoon** character, (2) **cartoon** industry

He spent his afternoon watching **cartoon** movies on TV.

## moving

*adj.* causing strong emotions or feelings, especially sadness or sympathy

*synonym*: emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

## fixate

*v.* to focus one's attention or become overly obsessed with someone or something; to become mentally obsessed or preoccupied with a particular idea, thought, or image

*synonym*: obsess, fix, concentrate

(1) **fixate** on a problem, (2) **fixate** on a picture

She tends to **fixate** on small details, often losing sight of the bigger picture.

## snapshot

*n.* an informal photograph, especially one taken quickly

*synonym*: photo, picture, print

(1) take a **snapshot**, (2) developed **snapshot**

There were framed **snapshots** of family and friends in her room.

## weird

*adj.* extraordinary, unexpected, or difficult to explain

*synonym*: bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**

My computer has been acting **weird** recently.

## ping

*v.* to make a high-pitched, ringing sound; to send a brief electronic message or signal to another computer or device to check its availability or connection status

*synonym* : knock, sound, ring

(1) **ping** me when you have arrived, (2) **ping** him with updates

I can **ping** my friend's computer to see if it's online.

## immediately

*adv.* now or without delay

*synonym* : directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

## perception

*n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

*synonym* : understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

## norm

*n.* something that is regarded as usual, typical, or standard

*synonym* : criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

## meter

*n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

*synonym* : gauge, indicator, rhythm

(1) a gas **meter**, (2) poetic **meter**

The **meter** on the wall showed that the room was three meters long.

## fairly

*adv.* to a certain extent or degree; without favoring one party in an evenhanded manner

*synonym*: moderately, reasonably, pretty

(1) **fairly** accurate, (2) have a **fairly** clear view

He deals **fairly** with his employees.

## centimeter

*n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

## delay

*v.* to cause something to happen at a later time than originally intended or expected

*synonym*: block, adjourn, detain

(1) **delay** a flight three hours, (2) **delay** the new project

We **delayed** the payment because of an incorrect invoice.

## bump

*v.* to hit or knock against something hard, often with a dull sound; to meet with by accident

*synonym*: collide, hit, jolt

(1) **bump** against a wall, (2) **bump** up prices

She accidentally **bumped** into him in the crowded room.

## passee

*adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date

*synonym*: outdated, old-fashioned, antique

(1) **passee** entertainment, (2) **passee** trend

Bell-bottom jeans, once considered **passee** fashion, have made a surprising comeback in recent years.

## generate

*v.* to produce or create something; to make offspring by reproduction

*synonym*: create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

## fancier

*n.* a person who is interested in or particularly fond of a particular thing

*synonym*: enthusiast, aficionado, connoisseur

(1) a bird **fancier**, (2) known as a **fancier** of arts

He is a wine **fancier** and can tell the difference between red and white just by smelling it.

## passive

*adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition

*synonym*: inactive, lethargic, apathetic

(1) **passive** response, (2) **passive** vocabulary

The **passive** approach taken by the government towards climate change is concerning.

## mechanism

*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

*synonym*: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

## compensate

*v.* to make up for a loss, injury, or inconvenience by giving something of value

*synonym*: reimburse, pay, recompense

(1) **compensate** a loss, (2) **compensate** for a car accident

The company offered to **compensate** the employees for the overtime they worked.

## swath

*n.* a strip of land, especially a long, narrow one; a large amount or quantity of something

*synonym*: strip, band, fodder

(1) a large **swath** of territory, (2) a **swath** of green grass

The charity organization has helped to provide education to a

vast **swath** of the population.

## vertical

*adj.* upright or perpendicular to a horizontal surface or line  
*synonym* : perpendicular, upright, plumb

(1) **vertical** takeoff, (2) **vertical** axis

The ladder leaned against the **vertical** surface of the building.

## optical

*adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

*synonym* : visual, ocular

(1) new **optical** glasses, (2) **optical** fiber

The **optical** illusion made it appear like the building was floating in midair.

## doorway

*n.* an opening in a wall for a door to fit into

*synonym* : entrance, portal, gateway

(1) a wide **doorway**, (2) **doorway** to success

He leaned against the **doorway**, waiting for her to come home.

## cathedral

*n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area

*synonym* : church, basilica, temple

(1) **cathedral** school, (2) **cathedral** choir

The **cathedral's** stained glass windows depicted scenes from the Bible.

## concrete

*adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

*synonym* : actual, factual, hardened

(1) a **concrete** noun, (2) **concrete** examples

The president asked for a more **concrete** plan.

## railroad

*n.* metal tracks laid with rails on which trains run; a system of tracks with the trains operated by an organization

*synonym*: railway, track, railway system

(1) coast-to-coast **railroad**, (2) **railroad** industry

The town was founded in the 19th century as a stop on the **railroad**, and it grew rapidly as a result.

## geometry

*n.* the area of pure mathematics that deals with the points, lines, curves, and surfaces

(1) Euclidean **geometry**, (2) spherical **geometry**

The mathematician pioneered fractal **geometry**.

## cue

*n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

*synonym*: signal, sign, hint

(1) **cue** card, (2) visual **cue**

The director gave the actor a **cue** to begin the scene.

## static

*adj.* not moving or not capable of moving, not changing or not capable of changing

*synonym*: immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

## stab

*v.* to cause harm with a sharp, pointed object, such as a knife

*synonym*: poke, thrust, jab

(1) **stab** at the enemy with a knife, (2) **stab** in the chest

He was **stabbed** many times with scissors.

## motto

*n.* a phrase or slogan that expresses a guiding principle or goal

*synonym*: slogan, catchphrase, phrase

(1) the **motto** for safe traffic, (2) company **motto**

The company's **motto** is "Innovation and Service," which is

reflected in its products and customer support.

## loom

*v.* to appear or take shape as a large, especially in a frightening way

*synonym*: appear, come on, overshadow

(1) **loom** over the global economy, (2) **loom** on the horizon  
The issue of divorce **loomed** large in his mind.

## probable

*adj.* likely to happen or likely to be true

*synonym*: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire  
It seems **probable** that he has forgotten our scheduled meeting.

## background

*n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

*synonym*: ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**  
The company's hiring criteria emphasize personality, not a person's **background**.

## shift

*n.* a slight transition in position, direction, or trend

*synonym*: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**  
Could you help me **shift** some furniture?

## Session 2: Spelling

- |                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. test my hyp_____is            | <i>n.</i> a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate |
| 2. ca_____n character            | <i>n.</i> a simple drawing depicting a humorous or critical situation, often accompanied by a caption                          |
| 3. ge_____te \$100 a month       | <i>v.</i> to produce or create something; to make offspring by reproduction                                                    |
| 4. l___m over the global economy | <i>v.</i> to appear or take shape as a large, especially in a frightening way                                                  |
| 5. an ou_____d journey           | <i>adj.</i> relating to the external appearance or surface of something; visible                                               |
| 6. st_____ht for two months      | <i>adj.</i> extending or moving in one direction without bending or curving; having no deviations                              |
| 7. the mo___o for safe traffic   | <i>n.</i> a phrase or slogan that expresses a guiding principle or goal                                                        |
| 8. mo_____g experience           | <i>adj.</i> causing strong emotions or feelings, especially sadness or sympathy                                                |
| 9. get inc_____ly insecure       | <i>adv.</i> in a way that is very difficult to believe; exceedingly or extremely                                               |
| 10. ve_____al takeoff            | <i>adj.</i> upright or perpendicular to a horizontal surface or line                                                           |
| 11. pa___e trend                 | <i>adj.</i> no longer fashionable or current; outdated; considered to be old-fashioned or out of date                          |

ANSWERS: 1. hypothesis, 2. cartoon, 3. generate, 4. loom, 5. outward, 6. straight, 7. motto, 8. moving, 9. incredibly, 10. vertical, 11. passe

12. a criminal bac\_\_\_\_\_nd *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
13. the il\_\_\_\_\_on of being in the forest *n.* a false idea or belief, especially about somebody or about a situation
14. ca\_\_\_\_\_n industry *n.* a simple drawing depicting a humorous or critical situation, often accompanied by a caption
15. take a sn\_\_\_\_\_ot *n.* an informal photograph, especially one taken quickly
16. a bold hyp\_\_\_\_\_is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
17. o\_d behavior *adj.* strange or unexpected; not divisible by two
18. pa\_\_\_\_\_e vocabulary *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
19. p\_\_g him with updates *v.* to make a high-pitched, ringing sound; to send a brief electronic message or signal to another computer or device to check its availability or connection status
20. a sw\_\_h of green grass *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something

ANSWERS: 12. background, 13. illusion, 14. cartoon, 15. snapshot, 16. hypothesis, 17. odd, 18. passive, 19. ping, 20. swath

21. op\_\_c illusion *adj.* relating to vision or the eyes; relating to or involving light or optics
22. a we\_\_d dress *adj.* extraordinary, unexpected, or difficult to explain
23. a co\_\_\_\_te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
24. a com\_\_\_\_\_ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
25. rem\_\_\_\_\_le achievement *adj.* worthy of attention because unusual or special
26. pr\_\_\_\_\_le outcome *adj.* likely to happen or likely to be true
27. a bird fa\_\_\_\_r *n.* a person who is interested in or particularly fond of a particular thing
28. st\_\_\_c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing
29. p\_\_g me when you have arrived *v.* to make a high-pitched, ringing sound; to send a brief electronic message or signal to another computer or device to check its availability or connection status
30. a st\_\_\_\_\_ht line *adj.* extending or moving in one direction without bending or curving; having no deviations
31. a gas me\_\_r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

ANSWERS: 21. optic, 22. weird, 23. concrete, 24. complicated, 25. remarkable, 26. probable, 27. fancier, 28. static, 29. ping, 30. straight, 31. meter

32. Doppler sh\_\_t *n.* a slight transition in position, direction, or trend
33. poetic me\_\_r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
34. ac\_\_\_\_te a receptor *v.* make something start working, more active or dynamic
35. de\_\_y the new project *v.* to cause something to happen at a later time than originally intended or expected
36. st\_\_\_\_in teacher *n.* a person or thing that acts as a substitute, replacement, or temporary assistant for someone or something else; a double or understudy for a performer or actor
37. ne\_\_\_\_n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
38. op\_\_\_\_l fiber *adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light
39. b\_\_r image *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

ANSWERS: 32. shift, 33. meter, 34. activate, 35. delay, 36. stand-in, 37. neuron, 38. optical, 39. blur

40. the me\_\_\_\_\_sm for DNA replication     *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
41. inc\_\_\_\_\_ly cheerful character     *adv.* in a way that is very difficult to believe; exceedingly or extremely
42. defense me\_\_\_\_\_sm     *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
43. re\_\_\_r an assessment     *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
44. n\_\_m of action     *n.* something that is regarded as usual, typical, or standard
45. pe\_\_\_\_\_ve light     *v.* to become aware or conscious of something through the senses
46. st\_\_\_c website     *adj.* not moving or not capable of moving, not changing or not capable of changing
47. de\_\_y a flight three hours     *v.* to cause something to happen at a later time than originally intended or expected
48. in a ra\_\_\_l direction     *adj.* of or relating to rays or the radii of a circle; spreading out from a central point
49. l\_\_m on the horizon     *v.* to appear or take shape as a large, especially in a frightening way
50. a response to a st\_\_\_\_\_us     *n.* something that causes growth or arouses action
51. the qu\_\_t for truth     *n.* a long or challenging search for something

ANSWERS: 40. mechanism, 41. incredibly, 42. mechanism, 43. render, 44. norm, 45. perceive, 46. static, 47. delay, 48. radial, 49. loom, 50. stimulus, 51. quest

52. s\_\_b at the enemy with a knife      *v.* to cause harm with a sharp, pointed object, such as a knife
53. ev\_\_\_e over the past decade      *v.* to develop gradually, or to cause the development of something or someone gradually
54. the state of being we\_\_d      *adj.* extraordinary, unexpected, or difficult to explain
55. keen per\_\_\_\_\_on      *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
56. visual c\_e      *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
57. ha\_\_\_ed the incident      *v.* to deal with a situation, problem, or strong emotion
58. optical il\_\_\_\_\_on      *n.* a false idea or belief, especially about somebody or about a situation
59. vi\_\_\_l navigation      *adj.* relating to seeing or sight
60. his business ent\_\_\_\_\_se      *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
61. b\_\_p against a wall      *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
62. a bu\_\_h of schoolgirls      *n.* a grouping of several similar things which are growing or fastened together

ANSWERS: 52. stab, 53. evolve, 54. weird, 55. perception, 56. cue, 57. handle, 58. illusion, 59. visual, 60. enterprise, 61. bump, 62. bunch

63. ha\_\_\_e a precious object      *v.* to deal with a situation, problem, or strong emotion
64. known as a fa\_\_\_\_r of arts      *n.* a person who is interested in or particularly fond of a particular thing
65. on a qu\_\_t for happiness      *n.* a long or challenging search for something
66. use a st\_\_\_\_in in an exam      *n.* a person or thing that acts as a substitute, replacement, or temporary assistant for someone or something else; a double or understudy for a performer or actor
67. thirty cen\_\_\_\_\_ers tall      *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
68. do\_\_\_\_y to success      *n.* an opening in a wall for a door to fit into
69. a r\_w of cherry trees      *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
70. developed sn\_\_\_\_ot      *n.* an informal photograph, especially one taken quickly
71. fi\_\_\_e on a picture      *v.* to focus one's attention or become overly obsessed with someone or something; to become mentally obsessed or preoccupied with a particular idea, thought, or image
72. the rem\_\_\_\_\_le breadth of knowledge      *adj.* worthy of attention because unusual or special
73. re\_\_\_r the contract void      *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

ANSWERS: 63. handle, 64. fancier, 65. quest, 66. stand-in, 67. centimeter, 68. doorway, 69. row, 70. snapshot, 71. fixate, 72. remarkable, 73. render

74. ac\_\_\_\_te a motor *v.* make something start working, more active or dynamic
75. become increasingly com\_\_\_\_\_ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
76. mo\_\_\_\_g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
77. a b\_w wave *v.* to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows
78. ca\_\_\_\_\_al choir *n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
79. Euclidean ge\_\_\_\_ry *n.* the area of pure mathematics that deals with the points, lines, curves, and surfaces
80. field of vi\_\_\_\_l arts *adj.* relating to seeing or sight
81. ev\_\_\_\_e *v.* to develop gradually, or to cause the development of something or someone gradually
82. follow the tr\_\_l *n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind
83. excite the ne\_\_\_\_ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 74. activate, 75. complicated, 76. moving, 77. bow, 78. cathedral, 79. geometry, 80. visual, 81. evolve, 82. trail, 83. neuron

84. spherical ge\_\_\_\_ry *n.* the area of pure mathematics that deals with the points, lines, curves, and surfaces
85. ve\_\_\_\_al axis *adj.* upright or perpendicular to a horizontal surface or line
86. a bac\_\_\_\_\_nd color *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
87. write him an answer imm\_\_\_\_\_ly *adv.* now or without delay
88. ou\_\_\_\_d cheerfulness *adj.* relating to the external appearance or surface of something; visible
89. op\_\_c fiber *adj.* relating to vision or the eyes; relating to or involving light or optics
90. per\_\_\_\_\_on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
91. en\_\_\_\_\_er a crisis *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
92. motion b\_\_r *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
93. coast-to-coast ra\_\_\_\_ad *n.* metal tracks laid with rails on which trains run; a system of tracks with the trains operated by an organization

ANSWERS: 84. geometry, 85. vertical, 86. background, 87. immediately, 88. outward, 89. optic, 90. perception, 91. encounter, 92. blur, 93. railroad

94. ca\_\_\_\_\_al school *n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
95. cultural n\_\_m *n.* something that is regarded as usual, typical, or standard
96. basic br\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
97. a pa\_\_\_\_\_el case *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
98. en\_\_\_\_\_er a storm *v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly
99. cen\_\_\_\_\_er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
100. w\_\_p under pressure *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
101. become w\_\_ped *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
102. criminal on death r\_w *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

ANSWERS: 94. cathedral, 95. norm, 96. brain, 97. parallel, 98. encounter, 99. centimeter, 100. warp, 101. warp, 102. row

103. undertake an ent\_\_\_\_\_se      *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
104. c\_e card      *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
105. pr\_\_\_\_\_le cause of a fire      *adj.* likely to happen or likely to be true
106. ge\_\_\_\_\_te more electricity      *v.* to produce or create something; to make offspring by reproduction
107. economic st\_\_\_\_\_us      *n.* something that causes growth or arouses action
108. 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
109. fi\_\_\_\_\_e on a problem      *v.* to focus one's attention or become overly obsessed with someone or something; to become mentally obsessed or preoccupied with a particular idea, thought, or image
110. com\_\_\_\_\_te a loss      *v.* to make up for a loss, injury, or inconvenience by giving something of value
111. pa\_\_e entertainment      *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
112. a warm tr\_\_l      *n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

ANSWERS: 103. enterprise, 104. cue, 105. probable, 106. generate, 107. stimulus, 108. universe, 109. fixate, 110. compensate, 111. passe, 112. trail

113. a bu\_\_h of trees *n.* a grouping of several similar things which are growing or fastened together
114. ra\_\_\_\_ad industry *n.* metal tracks laid with rails on which trains run; a system of tracks with the trains operated by an organization
115. com\_\_\_\_\_te for a car accident *v.* to make up for a loss, injury, or inconvenience by giving something of value
116. b\_w and greet *v.* to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows
117. a wide do\_\_\_\_y *n.* an opening in a wall for a door to fit into
118. pa\_\_\_\_el processing *adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations
119. major paradigm sh\_\_t *n.* a slight transition in position, direction, or trend
120. imm\_\_\_\_\_ly recall a product *adv.* now or without delay
121. a large sw\_\_h of territory *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
122. re\_\_\_a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
123. permanent br\_\_n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 113. bunch, 114. railroad, 115. compensate, 116. bow, 117. doorway, 118. parallel, 119. shift, 120. immediately, 121. swath, 122. retina, 123. brain

124. b\_\_p up prices      *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
125. ra\_\_\_l symmetry      *adj.* of or relating to rays or the radii of a circle; spreading out from a central point
126. s\_\_b in the chest      *v.* to cause harm with a sharp, pointed object, such as a knife
127. have a fa\_\_\_y clear view      *adv.* to a certain extent or degree; without favoring one party in an evenhanded manner
128. fa\_\_\_y accurate      *adv.* to a certain extent or degree; without favoring one party in an evenhanded manner
129. 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
130. pa\_\_\_\_e response      *adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
131. re\_\_\_al cells      *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
132. in an o\_d way      *adj.* strange or unexpected; not divisible by two
133. pe\_\_\_\_ve a threat      *v.* to become aware or conscious of something through the senses
134. new op\_\_\_\_l glasses      *adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

ANSWERS: 124. bump, 125. radial, 126. stab, 127. fairly, 128. fairly, 129. universe, 130. passive, 131. retina, 132. odd, 133. perceive, 134. optical

135. co\_\_\_\_te examples

*adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

136. company mo\_\_o

*n.* a phrase or slogan that expresses a guiding principle or goal

ANSWERS: 135. concrete, 136. motto

## Session 3: Fill in the Blanks

1. The election was a \_\_\_\_\_ success for the Whigs.  
*adj.* worthy of attention because unusual or special
  
2. The company's hiring criteria emphasize personality, not a person's \_\_\_\_\_.  
*n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
  
3. He was sick for five \_\_\_\_\_ days.  
*adj.* extending or moving in one direction without bending or curving; having no deviations
  
4. He spent his afternoon watching \_\_\_\_\_ movies on TV.  
*n.* a simple drawing depicting a humorous or critical situation, often accompanied by a caption
  
5. Bell-bottom jeans, once considered \_\_\_\_\_ fashion, have made a surprising comeback in recent years.  
*adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
  
6. The \_\_\_\_\_ stained glass windows depicted scenes from the Bible.  
*n.* the main Christian church of a bishop's diocese, which is often the largest and most important church in the area
  
7. There were framed \_\_\_\_\_ of family and friends in her room.  
*n.* an informal photograph, especially one taken quickly

ANSWERS: 1. remarkable, 2. background, 3. straight, 4. cartoon, 5. passe, 6. cathedral's, 7. snapshots

8. We \_\_\_\_\_ the payment because of an incorrect invoice.
- v.* to cause something to happen at a later time than originally intended or expected
9. The mathematician pioneered fractal \_\_\_\_\_.
- n.* the area of pure mathematics that deals with the points, lines, curves, and surfaces
10. One bad apple spoils the whole \_\_\_\_\_.
- n.* a grouping of several similar things which are growing or fastened together
11. He was \_\_\_\_\_ many times with scissors.
- v.* to cause harm with a sharp, pointed object, such as a knife
12. I can \_\_\_\_\_ my friend's computer to see if it's online.
- v.* to make a high-pitched, ringing sound; to send a brief electronic message or signal to another computer or device to check its availability or connection status
13. He discovered unique \_\_\_\_\_ for photochemical reactions.
- n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
14. He was the leader of the demonstrators and spoke out against the war in the front \_\_\_\_\_.
- n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
15. This book provides children with ideas and a \_\_\_\_\_ for outside recreation.
- n.* something that causes growth or arouses action

ANSWERS: 8. delayed, 9. geometry, 10. bunch, 11. stabbed, 12. ping, 13. mechanisms, 14. row, 15. stimulus

16. The issue of divorce \_\_\_\_\_ large in his mind.

*v.* to appear or take shape as a large, especially in a frightening way

17. Australia is widely \_\_\_\_\_ as having low levels of corruption.

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

18. The \_\_\_\_\_ illusion made it appear like the building was floating in midair.

*adj.* of or relating to or light or the ability to see; (noun) the science of light and vision, and to instruments and techniques used in the study and application of light

19. Eyeless fish \_\_\_\_\_ in dark caves.

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

20. He is a wine \_\_\_\_\_ and can tell the difference between red and white just by smelling it.

*n.* a person who is interested in or particularly fond of a particular thing

21. He deals \_\_\_\_\_ with his employees.

*adv.* to a certain extent or degree; without favoring one party in an evenhanded manner

22. The building makes a remarkable \_\_\_\_\_ impact.

*adj.* relating to seeing or sight

23. He walked a road \_\_\_\_\_ to the railroad.

*adj.* being everywhere equidistant and not intersecting; of or relating to the simultaneous performance of multiple operations

ANSWERS: 16. loomed, 17. perceived, 18. optical, 19. evolved, 20. fancier, 21. fairly, 22. visual, 23. parallel

24. The \_\_\_\_\_ design of the wheel allows for maximum strength and stability.  
*adj.* of or relating to rays or the radii of a circle; spreading out from a central point
25. His \_\_\_\_\_ speech about his struggles with addiction brought tears to the audience's eyes.  
*adj.* causing strong emotions or feelings, especially sadness or sympathy
26. The campaign ad was designed with bright colors and bold fonts for maximum \_\_\_\_\_ impact.  
*adj.* relating to vision or the eyes; relating to or involving light or optics
27. A suspension order from the court is effective \_\_\_\_\_.  
*adv.* now or without delay
28. The \_\_\_\_\_ image on the screen took a lot of work to make out.  
*adj.* not moving or not capable of moving, not changing or not capable of changing
29. A growing \_\_\_\_\_ requires a bold leader.  
*n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
30. We all should learn how to \_\_\_\_\_ stress.  
*v.* to deal with a situation, problem, or strong emotion
31. She \_\_\_\_\_ to the audience after her performance.  
*v.* to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows

ANSWERS: 24. radial, 25. moving, 26. optic, 27. immediately, 28. static, 29. enterprise, 30. handle, 31. bowed

32. He is a man admired for the depth of his \_\_\_\_\_.
- n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
33. You must \_\_\_\_\_ the software with a 16-digit key before you can use it.
- v.* make something start working, more active or dynamic
34. The \_\_\_\_\_ on the wall showed that the room was three meters long.
- n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
35. The company hired a \_\_\_\_\_ for the CEO for the shareholder meeting.
- n.* a person or thing that acts as a substitute, replacement, or temporary assistant for someone or something else; a double or understudy for a performer or actor
36. The company offered to \_\_\_\_\_ the employees for the overtime they worked.
- v.* to make up for a loss, injury, or inconvenience by giving something of value
37. His grandfather was an \_\_\_\_\_ man.
- adj.* strange or unexpected; not divisible by two
38. The town was founded in the 19th century as a stop on the \_\_\_\_\_ and it grew rapidly as a result.
- n.* metal tracks laid with rails on which trains run; a system of tracks with the trains operated by an organization
39. The director gave the actor a \_\_\_\_\_ to begin the scene.
- n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

ANSWERS: 32. perception, 33. activate, 34. meter, 35. stand-in, 36. compensate, 37. odd, 38. railroad, 39. cue

40. Several cities are experiencing \_\_\_\_\_ high unemployment rates.  
*adv.* in a way that is very difficult to believe; exceedingly or extremely
41. That adventurer traveled in \_\_\_\_\_ of buried treasure.  
*n.* a long or challenging search for something
42. Our body transfers information along each \_\_\_\_\_ using an electrical impulse.  
*n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
43. Damage to the \_\_\_\_\_ may play a role in the development of glaucoma.  
*n.* the innermost light-sensitive membrane covering the back wall of the eyeball
44. The economic stimulation program would \_\_\_\_\_ a lot of new jobs.  
*v.* to produce or create something; to make offspring by reproduction
45. The jury must \_\_\_\_\_ a decision on this complex case.  
*v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
46. The \_\_\_\_\_ approach taken by the government towards climate change is concerning.  
*adj.* characterized by a lack of activity or initiative; not actively participating or engaging in something; marked by a tendency to accept things without resistance or opposition
47. The president asked for a more \_\_\_\_\_ plan.  
*adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

ANSWERS: 40. incredibly, 41. quest, 42. neuron, 43. retina, 44. generate, 45. render, 46. passive, 47. concrete

48. The company's \_\_\_\_\_ is "Innovation and Service," which is reflected in its products and customer support.

*n.* a phrase or slogan that expresses a guiding principle or goal

49. My computer has been acting \_\_\_\_\_ recently.

*adj.* extraordinary, unexpected, or difficult to explain

50. It seems \_\_\_\_\_ that he has forgotten our scheduled meeting.

*adj.* likely to happen or likely to be true

51. He could no longer tell the difference between \_\_\_\_\_ and reality.

*n.* a false idea or belief, especially about somebody or about a situation

52. The systems we have developed has accepted as industry \_\_\_\_\_.

*n.* something that is regarded as usual, typical, or standard

53. The storm left a \_\_\_\_\_ of destruction behind it.

*n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

54. He leaned against the \_\_\_\_\_ waiting for her to come home.

*n.* an opening in a wall for a door to fit into

55. The ship's hull was \_\_\_\_\_ from years of use in rough seas.

*v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

56. I'm prepared to \_\_\_\_\_ challenges throughout this adventure.

*v.* to face something, particularly something unpleasant or difficult, while attempting to do something else; to meet, especially unexpectedly

ANSWERS: 48. motto, 49. weird, 50. probable, 51. illusion, 52. norms, 53. trail, 54. doorway, 55. warped, 56. encounter

57. The \_\_\_\_\_ appearance of the building was impressive, but the inside was in dire need of repairs.  
*adj.* relating to the external appearance or surface of something; visible
58. 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
59. The camera's focus was off, and the image was a \_\_\_\_\_ of colors and shapes.  
*n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
60. X-rays revealed a small tumor in his \_\_\_\_\_.  
*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
61. This evidence supports the big-bang \_\_\_\_\_.  
*n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
62. She accidentally \_\_\_\_\_ into him in the crowded room.  
*v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
63. Could you help me \_\_\_\_\_ some furniture?  
*n.* a slight transition in position, direction, or trend
64. She tends to \_\_\_\_\_ on small details, often losing sight of the bigger picture.  
*v.* to focus one's attention or become overly obsessed with someone or something; to become mentally obsessed or preoccupied with a particular idea, thought, or image

ANSWERS: 57. outward, 58. universe, 59. blur, 60. brain, 61. hypothesis, 62. bumped, 63. shift, 64. fixate

65. The charity organization has helped to provide education to a vast \_\_\_\_\_ of the population.

*n.* a strip of land, especially a long, narrow one; a large amount or quantity of something

66. The ladder leaned against the \_\_\_\_\_ surface of the building.

*adj.* upright or perpendicular to a horizontal surface or line

67. He did \_\_\_\_\_ pen-and-ink drawings in just a few days.

*adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

68. The room was only one \_\_\_\_\_ wider than the piano, making it a tight fit.

*n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

ANSWERS: 65. swath, 66. vertical, 67. complicated, 68. centimeter