

# Englist.me



## Vocabulary Builder Reference from...

*Prosanta Chakrabarty: Clues to prehistoric times, found in blind cavefish | TED Talk*

[https://www.ted.com/talks/prosanta\\_chakrabarty\\_clues\\_to\\_prehistoric\\_times\\_found\\_in\\_blind\\_cavefish](https://www.ted.com/talks/prosanta_chakrabarty_clues_to_prehistoric_times_found_in_blind_cavefish)

### All Words

#### IMPORTANT

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## Session 1: Word List

### ichthyology

*n.* the scientific study of fish, including their behavior, classification, anatomy, and ecology

*synonym*: fish science, fish biology

(1) expert in **ichthyology**, (2) **ichthyology** research

The university's marine biology department offers specialized courses in **ichthyology** for advanced students.

### boring

*adj.* lacking interest or excitement; tedious or dull

*synonym*: dull, tedious, monotonous

(1) **boring** work, (2) **boring** day

The lecture was so **boring** that many people fell asleep.

### exciting

*adj.* causing a lot of interest or excitement

*synonym*: exhilarating, stimulating, thrilling

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

The findings of the experiment were both **exciting** and unexpected.

### discovery

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

*synonym*: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the

century

Her research team made an important **discovery**.

## cave

*n.* a large hole in the side of a hill, cliff, mountain, or under the ground

*synonym* : cavern, grotto, burrow

(1) domiciliary **caves**, (2) the mouth of the **cave**

Bats reside in sheltered **caves**.

## biology

*n.* the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

## geology

*n.* a science that deals with the history of the earth as recorded in rocks

*synonym* : earth science

(1) bureau of **geology**, (2) local **geology**

He was a visiting **geology** professor at the University of Tokyo.

## landmass

*n.* a large area of land, especially one that is distinct from surrounding areas by its topography, geology, or biota

*synonym* : continent, mainland, landform

(1) large **landmass**, (2) continental **landmass**

Australia is the world's smallest continent by **landmass**.

## stick

*v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

*synonym* : pierce, adhere, stay

(1) **stick** a key in a lock, (2) fire **stick**

You **stick** a bill in the change machine, and the coins pop out.

## evolution

*n.* a gradual process of transformation of living things  
*synonym*: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

## sight

*n.* the ability to see; anything that is seen

*synonym*: vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

## blind

*adj.* unable to see; unable or unwilling to perceive or understand the true nature of something

*synonym*: sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

## essentially

*adv.* relating to the essential features or concepts of anything

*synonym*: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

**Essentially**, a society is an organism.

## vertebrate

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

*synonym*: animal, chordate, backboned

(1) the muscle tissue of a **vertebrate**, (2) **vertebrate** biology

The presence of a backbone is a defining characteristic of

**vertebrate** animals.

## adapt

*v.* to make fit for or change to suit a new purpose or environment

*synonym*: adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed

I advised him to **adapt** to his new surroundings.

## environment

*n.* the natural world such as air, water, and land in which humans, animals, and plants live

*synonym* : atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

## eyesight

*n.* the ability to see; visual acuity or sharpness

*synonym* : vision, sight, eyes

(1) impaired **eyesight**, (2) acute **eyesight**

His excellent **eyesight** allowed him to spot the bird in the dense foliage.

## 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.

## slightly

*adv.* in a small degree or extent; a little

*synonym* : barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

## relative

*adj.* considered and evaluated through comparison with something else

*synonym* : comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

## mammoth

*adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene

*synonym* : huge, large

(1) woolly **mammoth**, (2) a **mammoth** ship

The minister decided to review its **mammoth** public works projects.

## diverge

v. to move or extend in different directions from a common point; to branch off or deviate from a path or course

*synonym*: separate, split, part

(1) **diverge** from tradition, (2) **diverge** from the main topic

As tectonic plates **diverge**, new oceanic crust is formed along mid-ocean ridges.

## split

v. to divide, or to make something divide into two or more parts, especially along a particular line

*synonym*: break, divide, break apart

(1) **split** a bill, (2) **split** a reward equally

Companies often **split** their shares to lower the stock price and encourage investors to buy.

## develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

*synonym*: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

## subtle

*adj.* not readily apparent or visible

*synonym*: slight, nuanced, exquisite

(1) **subtle** changes, (2) a **subtle** poison

A famous artist painted the room in a **subtle** pink hue.

## genetic

*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

*synonym*: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

## architecture

*n.* the art and science of designing and constructing buildings

*synonym*: design, structure, layout

(1) **architecture** design, (2) classic **architecture**

The city is known for its impressive **architecture** and beautiful old buildings.

## rhodopsin

*n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions

*synonym*: visual purple, purpuroxanthin, retinene

(1) visual **rhodopsin**, (2) photosensitive **rhodopsin**

Light entering the eye causes a chemical change in the **rhodopsin**, which begins the vision process.

## function

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

*synonym*: purpose, mapping, job

(1) **function** properly, (2) immune **function**

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

## maintain

*v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

*synonym*: preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

## experiment

*n.* the scientific test conducted to observe what happens and gain new knowledge

*synonym*: experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

## 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**.

## sinkhole

*n.* a depression or hollow in the ground, often caused by the collapse of the surface layer after a cave or other underground space has been formed; a natural or human-made hole whose edges are formed by layers of soft rock or soil that have been eroded away

*synonym*: swallow hole, pit, depression

(1) urban **sinkhole**, (2) **sinkhole** formation

The homeowner's insurance didn't cover the damage caused by the **sinkhole** on their property.

## bat

*n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

*synonym*: cane, rod, stick

(1) **bat** cave, (2) **bat** an eye

The cave was a habitat for **bats**.

## freshwater

*adj.* living in, found in, or connecting with water that does not contain salt

(1) **freshwater** area, (2) **freshwater** aquatic bird

This microbe is a parasite of **freshwater** fish.

## separate

*v.* to force, take, or pull apart; mark as different

*synonym*: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the

part of his competence when making an investment decision.

## continent

*n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

*synonym*: landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion  
Flight across the **continent** was a daring adventure in its day.

## 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.

## ancient

*adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

*synonym*: archaic, age-old, obsolete

(1) pre-Christian **ancient**, (2) **ancient** stories

They have been living near water since **ancient** times.

## extinct

*adj.* no longer in existence

*synonym*: dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

## destroy

*v.* to ruin or damage severely or completely; to eradicate or eliminate completely

*synonym*: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

## dam

*n.* a wall constructed over a river to block the flow of water, mainly used to generate energy

*synonym*: barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing



The break in the **dam** threatened the valley.

## unfortunately

*adv.* by bad luck; unluckily

*synonym*: regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

## groundwater

*n.* water that is present beneath the surface of the ground, especially in soil or in pores and crevices in rock

*synonym*: aquifer, well water, underground water

(1) **groundwater** supply, (2) contaminated **groundwater**

The town's main source of water is natural **groundwater**.

## diagnose

*v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

*synonym*: identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

## humble

*adj.* having or showing a modest or low estimate of one's quality or importance

*synonym*: modest, unpretentious, abject

(1) a **humble** cottage, (2) **humble** opinion

The nobler, the more **humble**.

## planet

*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

*synonym*: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

## Session 2: Spelling

- |                                      |  |
|--------------------------------------|--|
| 1. dull si__t                        | <i>n.</i> the ability to see; anything that is seen  |
| 2. visual rh_____in                  | <i>n.</i> a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions   |
| 3. the muscle tissue of a ver_____te | <i>adj.</i> relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish  |
| 4. se_____te cream from milk         | <i>v.</i> to force, take, or pull apart; mark as different   |
| 5. b_t an eye                        | <i>n.</i> a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis |
| 6. ev___e over the past decade       | <i>v.</i> to develop gradually, or to cause the development of something or someone gradually  |
| 7. contaminated gro_____er           | <i>n.</i> water that is present beneath the surface of the ground, especially in soil or in pores and crevices in rock   |
| 8. an_____t stories                  | <i>adj.</i> relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old  |
| 9. di_____e from tradition           | <i>v.</i> to move or extend in different directions from a common point; to branch off or deviate from a path or course  |

ANSWERS: 1. sight, 2. rhodopsin, 3. vertebrate, 4. separate, 5. bat, 6. evolve, 7. groundwater, 8. ancient, 9. diverge

10. photosensitive rh\_\_\_\_\_in  
*n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions
11. increase sl\_\_\_\_\_ly  
*adv.* in a small degree or extent; a little
12. immune fu\_\_\_\_\_on  
*n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
13. pr\_\_\_\_\_e analyses  
*adj.* sharply exact or accurate or delimited
14. large la\_\_\_\_\_ss  
*n.* a large area of land, especially one that is distinct from surrounding areas by its topography, geology, or biota
15. urban si\_\_\_\_\_le  
*n.* a depression or hollow in the ground, often caused by the collapse of the surface layer after a cave or other underground space has been formed; a natural or human-made hole whose edges are formed by layers of soft rock or soil that have been eroded away
16. have ge\_\_\_\_\_c testing  
*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
17. become ess\_\_\_\_\_ly same  
*adv.* relating to the essential features or concepts of anything
18. ex\_\_\_\_\_t by human activity  
*adj.* no longer in existence

ANSWERS: 10. rhodopsin, 11. slightly, 12. function, 13. precise, 14. landmass, 15. sinkhole, 16. genetic, 17. essentially, 18. extinct

19. a ma\_\_\_\_h ship *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
20. b\_t cave *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
21. di\_\_\_\_se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
22. telescopic vi\_\_\_\_n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
23. su\_\_\_\_e changes *adj.* not readily apparent or visible
24. ad\_\_t as needed *v.* to make fit for or change to suit a new purpose or environment
25. bo\_\_\_\_g day *adj.* lacking interest or excitement; tedious or dull
26. fre\_\_\_\_er area *adj.* living in, found in, or connecting with water that does not contain salt
27. d\_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
28. an unexpected si\_\_t *n.* the ability to see; anything that is seen
29. sp\_\_t a bill *v.* to divide, or to make something divide into two or more parts, especially along a particular line

ANSWERS: 19. mammoth, 20. bat, 21. diagnose, 22. vision, 23. subtle, 24. adapt, 25. boring, 26. freshwater, 27. dam, 28. sight, 29. split

30. ma\_\_\_\_\_in good health      *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
31. a ge\_\_\_\_\_c disorder      *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
32. domiciliary c\_\_\_es      *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
33. series of exp\_\_\_\_\_nts      *n.* the scientific test conducted to observe what happens and gain new knowledge
34. ich\_\_\_\_\_gy research      *n.* the scientific study of fish, including their behavior, classification, anatomy, and ecology
35. fu\_\_\_\_\_on properly      *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
36. ev\_\_\_\_\_on theory      *n.* a gradual process of transformation of living things
37. bureau of ge\_\_\_\_\_y      *n.* a science that deals with the history of the earth as recorded in rocks
38. exp\_\_\_\_\_nt design      *n.* the scientific test conducted to observe what happens and gain new knowledge
39. expert in ich\_\_\_\_\_gy      *n.* the scientific study of fish, including their behavior, classification, anatomy, and ecology

ANSWERS: 30. maintain, 31. genetic, 32. cave, 33. experiment, 34. ichthyology, 35. function, 36. evolution, 37. geology, 38. experiment, 39. ichthyology

40. a remote re\_\_\_\_ve *adj.* considered and evaluated through comparison with something else
41. local ge\_\_\_\_y *n.* a science that deals with the history of the earth as recorded in rocks
42. bo\_\_\_\_g work *adj.* lacking interest or excitement; tedious or dull
43. a scientific di\_\_\_\_ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
44. bl\_\_d spot *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
45. fire st\_\_k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
46. de\_\_\_\_p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
47. a prodigious vi\_\_\_\_n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
48. fre\_\_\_\_er aquatic bird *adj.* living in, found in, or connecting with water that does not contain salt

ANSWERS: 40. relative, 41. geology, 42. boring, 43. discovery, 44. blind, 45. stick, 46. develop, 47. vision, 48. freshwater

49. woolly ma\_\_\_\_\_h *adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
50. continental la\_\_\_\_\_ss *n.* a large area of land, especially one that is distinct from surrounding areas by its topography, geology, or biota
51. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
52. si\_\_\_\_\_le formation *n.* a depression or hollow in the ground, often caused by the collapse of the surface layer after a cave or other underground space has been formed; a natural or human-made hole whose edges are formed by layers of soft rock or soil that have been eroded away
53. sl\_\_\_\_\_ly alkaline soils *adv.* in a small degree or extent; a little
54. bl\_\_d to the beauties *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
55. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
56. di\_\_\_\_\_e from the main topic *v.* to move or extend in different directions from a common point; to branch off or deviate from a path or course
57. human ev\_\_\_\_\_on *n.* a gradual process of transformation of living things
58. ex\_\_\_\_\_ng news *adj.* causing a lot of interest or excitement

ANSWERS: 49. mammoth, 50. landmass, 51. environment, 52. sinkhole, 53. slightly, 54. blind, 55. biology, 56. diverge, 57. evolution, 58. exciting

59. sp\_\_t a reward equally      *v.* to divide, or to make something divide into two or more parts, especially along a particular line
60. st\_\_k a key in a lock      *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
61. env\_\_\_\_\_nt affairs      *n.* the natural world such as air, water, and land in which humans, animals, and plants live
62. impaired ey\_\_\_\_\_ht      *n.* the ability to see; visual acuity or sharpness
63. the great di\_\_\_\_\_ry of the century      *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
64. gro\_\_\_\_\_er supply      *n.* water that is present beneath the surface of the ground, especially in soil or in pores and crevices in rock
65. unf\_\_\_\_\_ely caught in a shower      *adv.* by bad luck; unluckily
66. save the pl\_\_\_\_t      *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
67. re\_\_\_\_\_ve factors      *adj.* considered and evaluated through comparison with something else
68. even more unf\_\_\_\_\_ely      *adv.* by bad luck; unluckily

ANSWERS: 59. split, 60. stick, 61. environment, 62. eyesight, 63. discovery, 64. groundwater, 65. unfortunately, 66. planet, 67. relative, 68. unfortunately



69. co\_\_\_\_\_nt urinary diversion *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
70. ev\_\_\_e *v.* to develop gradually, or to cause the development of something or someone gradually
71. estimate pr\_\_\_\_\_e costs *adj.* sharply exact or accurate or delimited
72. acute ey\_\_\_\_\_ht *n.* the ability to see; visual acuity or sharpness
73. a hu\_\_\_e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
74. evolutionary bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
75. pre-Christian an\_\_\_\_\_t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
76. long-ex\_\_\_\_\_t volcano *adj.* no longer in existence
77. pl\_\_\_t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
78. hu\_\_\_e opinion *adj.* having or showing a modest or low estimate of one's quality or importance
79. ad\_\_t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
80. ver\_\_\_\_\_te biology *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish

ANSWERS: 69. continent, 70. evolve, 71. precise, 72. eyesight, 73. humble, 74. biology, 75. ancient, 76. extinct, 77. planet, 78. humble, 79. adapt, 80. vertebrate

81. de\_\_\_\_y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
82. ess\_\_\_\_\_ly correct *adv.* relating to the essential features or concepts of anything
83. a su\_\_\_\_e poison *adj.* not readily apparent or visible
84. arc\_\_\_\_\_ure design *n.* the art and science of designing and constructing buildings
85. ma\_\_\_\_\_in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
86. de\_\_\_\_yed evidence *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
87. se\_\_\_\_te video into chapter *v.* to force, take, or pull apart; mark as different
88. di\_\_\_\_se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
89. the inland of a co\_\_\_\_\_nt *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
90. de\_\_\_\_p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 81. destroy, 82. essentially, 83. subtle, 84. architecture, 85. maintain, 86. destroy, 87. separate, 88. diagnose, 89. continent, 90. develop

91. classic arc\_\_\_\_\_ure *n.* the art and science of designing and constructing buildings
92. the mouth of the c\_\_e *n.* a large hole in the side of a hill, cliff, mountain, or under the ground
93. d\_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
94. ex\_\_\_\_\_ng football player *adj.* causing a lot of interest or excitement

ANSWERS: 91. architecture, 92. cave, 93. dam, 94. exciting

## Session 3: Fill in the Blanks

1. 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
  
2. This device is used to \_\_\_\_\_ brain cancer and other tumors.  
*v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
  
3. His \_\_\_\_\_ showed highly positive results.  
*n.* the scientific test conducted to observe what happens and gain new knowledge
  
4. The building was \_\_\_\_\_ in the fire and had to be rebuilt.  
*v.* to ruin or damage severely or completely; to eradicate or eliminate completely
  
5. He moved his body \_\_\_\_\_ to the left.  
*adv.* in a small degree or extent; a little
  
6. I advised him to \_\_\_\_\_ to his new surroundings.  
*v.* to make fit for or change to suit a new purpose or environment
  
7. Understanding protein folding is a vital step in deciphering the \_\_\_\_\_ code.  
*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
  
8. The town's main source of water is natural \_\_\_\_\_.  
*n.* water that is present beneath the surface of the ground, especially in soil or in pores and crevices in rock

ANSWERS: 1. vision, 2. diagnose, 3. experiments, 4. destroyed, 5. slightly, 6. adapt, 7. genetic, 8. groundwater

9. We need to \_\_\_\_\_ the aspect of his personality from the part of his competence when making an investment decision.
- v.* to force, take, or pull apart; mark as different
10. The minister decided to review its \_\_\_\_\_ public works projects.
- adj.* exceedingly large or extensive; (noun) any of numerous extinct elephants widely distributed in the Pleistocene
11. The homeowner's insurance didn't cover the damage caused by the \_\_\_\_\_ on their property.
- n.* a depression or hollow in the ground, often caused by the collapse of the surface layer after a cave or other underground space has been formed; a natural or human-made hole whose edges are formed by layers of soft rock or soil that have been eroded away
12. He was a visiting \_\_\_\_\_ professor at the University of Tokyo.
- n.* a science that deals with the history of the earth as recorded in rocks
13. The city is known for its impressive \_\_\_\_\_ and beautiful old buildings.
- n.* the art and science of designing and constructing buildings
14. The content is \_\_\_\_\_ and informative for me.
- adj.* sharply exact or accurate or delimited
15. Companies often \_\_\_\_\_ their shares to lower the stock price and encourage investors to buy.
- v.* to divide, or to make something divide into two or more parts, especially along a particular line
16. The brain is an incredibly complex organ that controls the body's \_\_\_\_\_.
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 9. separate, 10. mammoth, 11. sinkhole, 12. geology, 13. architecture, 14. precise, 15. split, 16. function

17. Every human is responsible for taking care of the Earth's \_\_\_\_\_.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
18. You \_\_\_\_\_ a bill in the change machine, and the coins pop out.
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
19. As tectonic plates \_\_\_\_\_ new oceanic crust is formed along mid-ocean ridges.
- v.* to move or extend in different directions from a common point; to branch off or deviate from a path or course
20. Light entering the eye causes a chemical change in the \_\_\_\_\_ which begins the vision process.
- n.* a light-sensitive protein found in the retina of the eye, responsible for vision in low-light conditions
21. Flight across the \_\_\_\_\_ was a daring adventure in its day.
- n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
22. The presence of a backbone is a defining characteristic of \_\_\_\_\_ animals.
- adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
23. Most countries prohibit sexual activity between certain close \_\_\_\_\_.
- adj.* considered and evaluated through comparison with something else

ANSWERS: 17. environment, 18. stick, 19. diverge, 20. rhodopsin, 21. continent, 22. vertebrate, 23. relatives

24. They study the \_\_\_\_\_ of the universe.

*n.* a gradual process of transformation of living things

25. His excellent \_\_\_\_\_ allowed him to spot the bird in the dense foliage.

*n.* the ability to see; visual acuity or sharpness

26. A famous artist painted the room in a \_\_\_\_\_ pink hue.

*adj.* not readily apparent or visible

27. The university's marine biology department offers specialized courses in \_\_\_\_\_ for advanced students.

*n.* the scientific study of fish, including their behavior, classification, anatomy, and ecology

28. The nobler, the more \_\_\_\_\_.

*adj.* having or showing a modest or low estimate of one's quality or importance

29. This microbe is a parasite of \_\_\_\_\_ fish.

*adj.* living in, found in, or connecting with water that does not contain salt

30. The break in the \_\_\_\_ threatened the valley.

*n.* a wall constructed over a river to block the flow of water, mainly used to generate energy

31. The lecture was so \_\_\_\_\_ that many people fell asleep.

*adj.* lacking interest or excitement; tedious or dull

32. The findings of the experiment were both \_\_\_\_\_ and unexpected.

*adj.* causing a lot of interest or excitement

ANSWERS: 24. evolution, 25. eyesight, 26. subtle, 27. ichthyology, 28. humble, 29. freshwater, 30. dam, 31. boring, 32. exciting



33. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.  
*n.* the scientific study of life and the natural processes of living things
34. The treatments were done but, \_\_\_\_\_ were unsuccessful.  
*adv.* by bad luck; unluckily
35. The cave was a habitat for \_\_\_\_\_.  
*n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
36. We must \_\_\_\_\_ a new system to streamline our workflow and increase efficiency.  
*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
37. They have been living near water since \_\_\_\_\_ times.  
*adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
38. Australia is the world's smallest continent by \_\_\_\_\_.  
*n.* a large area of land, especially one that is distinct from surrounding areas by its topography, geology, or biota
39. Mercury is the closest \_\_\_\_\_ to the sun.  
*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
40. She was nearly \_\_\_\_\_ due to severe diabetes.  
*adj.* unable to see; unable or unwilling to perceive or understand the true nature of something

ANSWERS: 33. biology, 34. unfortunately, 35. bats, 36. develop, 37. ancient, 38. landmass, 39. planet, 40. blind

41. Many famous \_\_\_\_\_ are within walking distance.

*n.* the ability to see; anything that is seen

42. Many species have become \_\_\_\_\_ due to habitat destruction and other human activities.

*adj.* no longer in existence

43. Her research team made an important \_\_\_\_\_.

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

44. \_\_\_\_\_ a society is an organism.

*adv.* relating to the essential features or concepts of anything

45. I need to \_\_\_\_\_ my car regularly to prevent any major mechanical issues.

*v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

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

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

47. Bats reside in sheltered \_\_\_\_\_.

*n.* a large hole in the side of a hill, cliff, mountain, or under the ground

ANSWERS: 41. sights, 42. extinct, 43. discovery, 44. Essentially, 45. maintain, 46. evolved, 47. caves