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Denise Herzing: Could we speak the language of dolphins? | TED Talk

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

Advanced Words Only

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Session 1: Word List

dolphin

n. a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid

synonym: porpoise, cetacean, marine mammal

(1) **dolphin** show, (2) **dolphin-watching** tour

The large group of **dolphins** swam gracefully in the ocean, jumping out of the water now and then.

brainpower

n. intellectual or cognitive ability; mental capacity or intelligence

synonym: intelligence, smarts, intellect

(1) improve **brainpower**, (2) maximize **brainpower**

To succeed in the field of science, you need to have some serious **brainpower** and dedication

sponge

n. a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

(1) sea **sponge**, (2) metallic **sponge**

The tiny marine **sponge** has existed for more than 500 million years.

murky

adj. dark and gloomy or difficult to see through

synonym : dim, fuzzy, foggy

(1) **murky** waters, (2) a **murky** dungeon

Prospects for the suspect's conviction are **murky** due to a lack of helpful evidence.

embankment

n. a raised structure or wall, often constructed of earth or stone, built to prevent flooding or to support a road or railway

synonym : mound, levee, dike

(1) **embankment** erosion, (2) flood **embankment**

The cyclists rode along the canal's **embankment**, enjoying the scenic views.

catamaran

n. a vessel or boat with two parallel hulls joined together by a frame or platform, often used for sailing or leisure purposes

synonym : twin-hull boat, multihull, sailboat

(1) **catamaran** boat, (2) sail **catamaran**

We decided to take a leisurely ride on a luxury **catamaran** during our vacation at the beach.

hydrophone

n. a device used to detect and analyze sound waves in water, typically used for underwater acoustics research, sonar systems, or underwater surveillance

synonym : underwater microphone, acoustic sensor, sonar receiver

(1) deep-sea **hydrophone**, (2) **hydrophone** sensor

The military uses **hydrophones** for underwater surveillance and communication.

correlate

v. to have a connection or relationship in which one thing affects or depends on another

synonym : associate, liken, connect

(1) **correlate** closely with the quality, (2) **correlate** to the size

We may frequently **correlate** age with the frequency of disease.

etiquette

n. a set of rules and norms governing polite and proper behavior in social situations or professional contexts

synonym: protocol, manners, decorum

(1) email **etiquette**, (2) breach of **etiquette**

It's important to follow proper **etiquette** when attending a formal dinner.

dorsal

adj. located on the back, particularly the upper surface of an animal's body; related to or pertaining to the back

synonym: abaxial, spinal, back

(1) **dorsal** surface, (2) **dorsal** root

The shark's **dorsal** fin is a distinguishing feature.

promiscuous

adj. having casual sexual relations frequently with different partners; indiscriminate in the choice of sexual partners; not selective of a single class or person

synonym: indiscriminate, loose, promiscuous

(1) **promiscuous** bathing, (2) **promiscuous** lifestyle

He was known for his **promiscuous** behavior.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

paternity

n. the state of being a father; the attribution of a specific child to a particular father; the characteristics or traits inherited or passed down from a father

synonym: fatherhood, fathering, parenthood

(1) **paternity** suit, (2) **paternity** test

The **paternity** leave policy at his workplace allowed him to take time off to bond with his new baby

feces

n. waste matter eliminated from the bowels; excrement
synonym: poop, stool, excrement

(1) **feces** sample, (2) human **feces**

Proper disposal of **feces** is essential for maintaining public health and sanitation.

acoustics

n. a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

(1) specialize in **acoustics**, (2) the engineer of **acoustics**

The physicist specializes in **acoustics**.

imp

n. a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore

synonym: demon, sprite, mischievous child

(1) a little **imp**, (2) behave like an **imp**

The mischievous **imp** caused trouble wherever it went.

tickle

v. to lightly touch a sensitive part of somebody's body in a way that makes them laugh

synonym: titillate, make laugh

(1) **tickle** his ribs, (2) **tickle** her vanity

These models explain why you can't **tickle** yourself.

whistle

v. to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

synonym: sound, honk, tweet

(1) **whistle** a tune, (2) **whistle** for help

The employee decided to **whistle-blow** on the company's illegal activities.

reunite

v. to bring two or more people together again after a period of separation

synonym: reconcile, reunify, reconvene

(1) **reunite** after five years, (2) **reunite** with my friend
The band will **reunite** only for this show.

echolocation

n. the use of reflected sound waves to locate objects, particularly by dolphins and bats.

synonym : echo sounding

(1) bat **echolocation**, (2) ultrasound for **echolocation**
Dolphins use **echolocation** for hunting fish.

squawk

v. to make a loud, harsh, or shrill noise or cry, often in a repetitive or complaining manner; to complain or protest loudly or vehemently

synonym : screech, shriek

(1) **squawk** for food, (2) **squawk** in protest

I could hear the seagulls **squawk** loudly as they flew over the beach.

escalate

v. to increase in intensity, size, or severity; to make something greater, worse, or more serious

synonym : increase, intensify, expand

(1) **escalate** into a major international incident, (2) to **escalate**

The situation quickly **escalated** and turned violent.

bottlenose

adj. a type of dolphin that has a distinctive bottle-shaped snout; anything that is characterized by a similar shape or appearance

synonym : curved-snouted, bulbous-nosed

(1) **bottlenose** turtle, (2) **bottlenose** whale

Bottlenose dolphins are known for their intelligence and social behavior.

babysitter

n. a person hired to look after a child or children while the parents are away or occupied; someone who provides temporary care and supervision for children in the absence of their parents or guardians

synonym : childcare provider, nanny, nurse

(1) need a trustworthy **babysitter**, (2) experienced **babysitter**

Our regular **babysitter** was sick, so we had to find a replacement at the last minute.

synchronous

adj. occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized

synonym: simultaneous, concurrent, parallel

(1) **synchronous** communication, (2) **synchronous** learning

The group of performers perfectly executed the **synchronous** dance routine.

synchronize

v. to happen or cause to happen at the same time or rate

synonym: coordinate, accompany, harmonize

(1) **synchronize** movements, (2) **synchronize** our watches

The ball speed will increase when the lower body movements are perfectly **synchronized**.

dyad

n. a group of two individuals or entities considered as a unit; a pair, or couple; a social group consisting of two members

synonym: pair, couple, duo

(1) **dyad** relationship, (2) social **dyad**

In psychotherapy, the therapeutic **dyad** consists of the therapist and the patient, and their relationship is crucial to the therapeutic process.

audible

adj. able to be heard; loud enough to be heard clearly

synonym: hearable, perceptible, loud enough

(1) **audible** sound, (2) **audible** words

An **audible** sigh from the back of the room broke the silence.

ultrasonic

adj. having frequencies above the upper limit of human hearing

(1) **ultrasonic** sensors, (2) the **ultrasonic** dimension

measurement

Another application of **ultrasonic** technology is crack depth measurement.

spectrogram

n. a graph or visual representation depicting the frequency and intensity of sound waves or other signals over time

synonym: sonogram, voiceprint, audio graph

(1) **spectrogram** analysis, (2) acoustic **spectrogram**

The software program allowed users to generate **spectrograms** of their recorded audio files for analysis.

phoneme

n. the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics

synonym: sound, speech unit

(1) **phoneme** sequences, (2) consonant **phoneme**

The **phoneme** discrimination task revealed that she had difficulty differentiating between certain sounds.

chimpanzee

n. a small, very intelligent ape found in west and central Africa with black or brown fur

synonym: ape, chimp, pan troglodytes

(1) **chimpanzee** behavior, (2) **chimpanzee** society

Many zoos have **chimpanzee** exhibits, allowing visitors to observe these intelligent primates up close.

spontaneously

adv. in a way that is natural, not planned or forced, and often sudden

synonym: impromptu, automatically, immediately

(1) recover **spontaneously** after five days, (2) this shift occurs **spontaneously**

The electrical cord **spontaneously** combusted.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments
He is very popular at school because he can **mimic** all the teachers' accents.

seaweed

n. a plant that grows in the sea or on land very close to the sea, especially marine algae

synonym: kelp, algae

(1) floating **seaweed**, (2) **seaweed** broth

She soaked **seaweed** in water until tender.

adept

adj. having or showing knowledge and skill and aptitude to do something quite difficult

synonym: proficient, masterful, experienced

(1) **adept** at fishing, (2) **adept** in handicrafts

She is highly **adept** with medical equipment.

appendage

n. a part attached to the main body or structure, often with a specific function or purpose; a limb or other body part that projects outward from the main body

synonym: extension, limb, attachment

(1) spiny **appendage**, (2) mechanical **appendage**

The spider's **appendage** allowed it to climb up the wall easily.

cobalt

n. a lustrous, hard, silver-white element with the symbol Co that is often used in alloys, batteries, and pigments and is essential for certain biological processes in humans and other organisms

synonym: Co

(1) **cobalt** steel, (2) **cobalt** blue

The blades of gas turbine engines are often coated with a **cobalt** layer to improve their durability.

tease

v. to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing

synonym: bully, annoy, provoke

(1) **tease** the children, (2) **tease** wool

This ad is intended to **tease** a competing product.

taunt

v. to tease or ridicule in a challenging manner

synonym: tease, ridicule, jeer

(1) **taunt** him with cowardice, (2) **taunt** the losing team

She **taunted** him with sarcastic comments about his lack of success.

solicit

v. to ask for something, especially in an urgent or pleading manner; to seek something through entreaty

synonym: request, seek, ask

(1) **solicit** advice, (2) **solicit** patronage

The company **solicited** donations from its employees for the charity event.

nudge

v. to push someone or something gently, especially with your elbow, to attract the person's attention; (noun) a small push or prod to encourage a desired action or behavior

synonym: bump, elbow, (noun) prod

(1) **nudge** price levels up, (2) give a person a **nudge**

The teacher **nudged** the student to get his attention and asked him a question.

diver

n. a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey

synonym: plunger, frogman, loon

(1) professional **diver**, (2) deep-sea **diver**

The search and rescue team sent a team of **divers** to search for the missing plane wreckage.

keypad

n. a small set of keys with an arrangement of numbers, symbols, or alphabetical letters

synonym: keyboard

(1) use the numeric **keypad**, (2) **keypad** device

Punch your credit card number into this external **keypad**.

captivity

n. the situation in which a person or animal is kept in prison or a space that they cannot escape from

synonym: confinement, detention, imprisonment

(1) escape from **captivity**, (2) animals in **captivity** in the zoo

Pandas rarely breed in **captivity**.

repertoire

n. the range or variety of skills, abilities, performances, or works that a person or group is capable of producing or performing; the entire body of works that is available to an individual or group to choose from when performing or producing something

synonym: collection, range, reservoir

(1) musical **repertoire**, (2) cooking **repertoire**

The chef's **repertoire** of dishes includes both classic and innovative recipes.

abscond

v. to leave hurriedly and secretly, especially to avoid getting into trouble or facing consequences

synonym: flee, escape, run away

(1) **abscond** with money, (2) **abscond** from home

The suspect **absconded** from the police station before they could be arrested.

habituate

v. to accustom or become accustomed to a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular practice

synonym: accustom, familiarize, adapt

(1) **habituate** to coffee, (2) **habituate** to exercise

It takes time to **habituate** to a new work schedule, but eventually, it becomes routine.

whoop

v. to shout or cry out loudly, often in celebration or excitement; to make an exuberant noise

synonym : yell, shout, cheer

(1) **whoop** with joy, (2) **whoop** it up at a party

The winning team began to **whoop** and holler with excitement.

telemetry

n. the process of collecting and transmitting data from remote or inaccessible sources using wireless or other communication means, usually for monitoring or control purposes

synonym : data transmission, remote measurement

(1) **telemetry** technology, (2) **telemetry** system

The satellite sends **telemetry** data back to Earth to help scientists study the atmosphere.

forearm

n. the part of a person's arm between the elbow and the wrist; (verb) to arm in advance of a confrontation

(1) **forearm** bone, (2) several veins of the **forearm**

The accident left him with numbness in his left **forearm**.

empower

v. to give someone the power or authority to do something

synonym : authorize, endow, entitle

(1) **empower** my life, (2) **empower** the secretary to do the same

The company **empowered** employees to buy low-price items without approval to achieve efficient purchasing.

decode

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

synonym : decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences

The software could **decode** the encrypted data and reveal the hidden information.

Session 2: Spelling

- | | | |
|--|------|---|
| 1. em_____r the secretary to do the same | v. | to give someone the power or authority to do something |
| 2. sea sp____e | n. | a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning |
| 3. wh__p it up at a party | v. | to shout or cry out loudly, often in celebration or excitement; to make an exuberant noise |
| 4. consonant ph_____e | n. | the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics |
| 5. so_____t patronage | v. | to ask for something, especially in an urgent or pleading manner; to seek something through entreaty |
| 6. the ult_____ic dimension measurement | adj. | having frequencies above the upper limit of human hearing |
| 7. ab_____d with money | v. | to leave hurriedly and secretly, especially to avoid getting into trouble or facing consequences |
| 8. maximize bra_____er | n. | intellectual or cognitive ability; mental capacity or intelligence |
| 9. pa_____ty test | n. | the state of being a father; the attribution of a specific child to a particular father; the characteristics or traits inherited or passed down from a father |

ANSWERS: 1. empower, 2. sponge, 3. whoop, 4. phoneme, 5. solicit, 6. ultrasonic, 7. abscond, 8. brainpower, 9. paternity

10. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another
11. pa_____ty suit *n.* the state of being a father; the attribution of a specific child to a particular father; the characteristics or traits inherited or passed down from a father
12. bot_____se turtle *adj.* a type of dolphin that has a distinctive bottle-shaped snout; anything that is characterized by a similar shape or appearance
13. mechanical ap_____ge *n.* a part attached to the main body or structure, often with a specific function or purpose; a limb or other body part that projects outward from the main body
14. sail ca_____an *n.* a vessel or boat with two parallel hulls joined together by a frame or platform, often used for sailing or leisure purposes
15. professional di__r *n.* a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey
16. flood emb_____nt *n.* a raised structure or wall, often constructed of earth or stone, built to prevent flooding or to support a road or railway
17. spiny ap_____ge *n.* a part attached to the main body or structure, often with a specific function or purpose; a limb or other body part that projects outward from the main body

ANSWERS: 10. correlate, 11. paternity, 12. bottlenose, 13. appendage, 14. catamaran, 15. diver, 16. embankment, 17. appendage

18. fe__s sample *n.* waste matter eliminated from the bowels; excrement
19. breach of et_____te *n.* a set of rules and norms governing polite and proper behavior in social situations or professional contexts
20. ca_____an boat *n.* a vessel or boat with two parallel hulls joined together by a frame or platform, often used for sailing or leisure purposes
21. te__e the children *v.* to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
22. syn_____us learning *adj.* occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
23. bot_____se whale *adj.* a type of dolphin that has a distinctive bottle-shaped snout; anything that is characterized by a similar shape or appearance
24. ab_____d from home *v.* to leave hurriedly and secretly, especially to avoid getting into trouble or facing consequences
25. to es_____te *v.* to increase in intensity, size, or severity; to make something greater, worse, or more serious
26. wh_____e for help *v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

ANSWERS: 18. feces, 19. etiquette, 20. catamaran, 21. tease, 22. synchronous, 23. bottlenose, 24. abscond, 25. escalate, 26. whistle

27. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
28. syn_____us communication *adj.* occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
29. fo_____m bone *n.* the part of a person's arm between the elbow and the wrist; (verb) to arm in advance of a confrontation
30. improve bra_____er *n.* intellectual or cognitive ability; mental capacity or intelligence
31. syn_____ze our watches *v.* to happen or cause to happen at the same time or rate
32. ta__t the losing team *v.* to tease or ridicule in a challenging manner
33. nu__e price levels up *v.* to push someone or something gently, especially with your elbow, to attract the person's attention; (noun) a small push or prod to encourage a desired action or behavior
34. spe_____am analysis *n.* a graph or visual representation depicting the frequency and intensity of sound waves or other signals over time
35. te_____ry system *n.* the process of collecting and transmitting data from remote or inaccessible sources using wireless or other communication means, usually for monitoring or control purposes

ANSWERS: 27. determinant, 28. synchronous, 29. forearm, 30. brainpower, 31. synchronize, 32. taunt, 33. nudge, 34. spectrogram, 35. telemetry

36. te_____ry technology *n.* the process of collecting and transmitting data from remote or inaccessible sources using wireless or other communication means, usually for monitoring or control purposes
37. ha_____te to exercise *v.* to accustom or become accustomed to a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular practice
38. re_____e after five years *v.* to bring two or more people together again after a period of separation
39. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
40. te__e wool *v.* to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
41. behave like an i_p *n.* a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore
42. give a person a nu__e *v.* to push someone or something gently, especially with your elbow, to attract the person's attention; (noun) a small push or prod to encourage a desired action or behavior
43. do_____n show *n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid

ANSWERS: 36. telemetry, 37. habituate, 38. reunite, 39. determinant, 40. tease, 41. imp, 42. nudge, 43. dolphin

44. a mu__y dungeon *adj.* dark and gloomy or difficult to see through
45. syn_____ze movements *v.* to happen or cause to happen at the same time or rate
46. do___l root *adj.* located on the back, particularly the upper surface of an animal's body; related to or pertaining to the back
47. escape from ca_____ty *n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from
48. several veins of the fo_____m *n.* the part of a person's arm between the elbow and the wrist; (verb) to arm in advance of a confrontation
49. pro_____us bathing *adj.* having casual sexual relations frequently with different partners; indiscriminate in the choice of sexual partners; not selective of a single class or person
50. mu__y waters *adj.* dark and gloomy or difficult to see through
51. em_____r my life *v.* to give someone the power or authority to do something
52. co___t steel *n.* a lustrous, hard, silver-white element with the symbol Co that is often used in alloys, batteries, and pigments and is essential for certain biological processes in humans and other organisms
53. ultrasound for ech_____ion *n.* the use of reflected sound waves to locate objects, particularly by dolphins and bats.

ANSWERS: 44. murky, 45. synchronize, 46. dorsal, 47. captivity, 48. forearm, 49. promiscuous, 50. murky, 51. empower, 52. cobalt, 53. echolocation

54. use the numeric ke___d *n.* a small set of keys with an arrangement of numbers, symbols, or alphabetical letters
55. de___e a message *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
56. ad__t at fishing *adj.* having or showing knowledge and skill and aptitude to do something quite difficult
57. recover spo_____sly after five days *adv.* in a way that is natural, not planned or forced, and often sudden
58. cooking rep_____re *n.* the range or variety of skills, abilities, performances, or works that a person or group is capable of producing or performing; the entire body of works that is available to an individual or group to choose from when performing or producing something
59. co_____te closely with the quality *v.* to have a connection or relationship in which one thing affects or depends on another
60. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
61. ti___e his ribs *v.* to lightly touch a sensitive part of somebody's body in a way that makes them laugh
62. do_____n-watching tour *n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid

ANSWERS: 54. keypad, 55. decode, 56. adept, 57. spontaneously, 58. repertoire, 59. correlate, 60. mimic, 61. tickle, 62. dolphin

63. acoustic spe_____am *n.* a graph or visual representation depicting the frequency and intensity of sound waves or other signals over time
64. specialize in ac_____cs *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound
65. ta__t him with cowardice *v.* to tease or ridicule in a challenging manner
66. sq___k for food *v.* to make a loud, harsh, or shrill noise or cry, often in a repetitive or complaining manner; to complain or protest loudly or vehemently
67. ability to de___e the differences *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
68. floating se____d *n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
69. chi_____ee behavior *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
70. wh__p with joy *v.* to shout or cry out loudly, often in celebration or excitement; to make an exuberant noise
71. ti___e her vanity *v.* to lightly touch a sensitive part of somebody's body in a way that makes them laugh

ANSWERS: 63. spectrogram, 64. acoustics, 65. taunt, 66. squawk, 67. decode, 68. seaweed, 69. chimpanzee, 70. whoop, 71. tickle

72. deep-sea di__r *n.* a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey
73. se____d broth *n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
74. animals in ca_____ty in the zoo *n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from
75. ad__t in handicrafts *adj.* having or showing knowledge and skill and aptitude to do something quite difficult
76. experienced bab_____er *n.* a person hired to look after a child or children while the parents are away or occupied; someone who provides temporary care and supervision for children in the absence of their parents or guardians
77. pro_____us lifestyle *adj.* having casual sexual relations frequently with different partners; indiscriminate in the choice of sexual partners; not selective of a single class or person
78. musical rep_____re *n.* the range or variety of skills, abilities, performances, or works that a person or group is capable of producing or performing; the entire body of works that is available to an individual or group to choose from when performing or producing something

ANSWERS: 72. diver, 73. seaweed, 74. captivity, 75. adept, 76. babysitter, 77. promiscuous, 78. repertoire

79. social d__d *n.* a group of two individuals or entities considered as a unit; a pair, or couple; a social group consisting of two members
80. the engineer of ac_____cs *n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound
81. email et_____te *n.* a set of rules and norms governing polite and proper behavior in social situations or professional contexts
82. ha_____te to coffee *v.* to accustom or become accustomed to a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular practice
83. metallic sp___e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
84. wh_____e a tune *v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound
85. hyd_____ne sensor *n.* a device used to detect and analyze sound waves in water, typically used for underwater acoustics research, sonar systems, or underwater surveillance

ANSWERS: 79. dyad, 80. acoustics, 81. etiquette, 82. habituate, 83. sponge, 84. whistle, 85. hydrophone

86. ult_____ic sensors *adj.* having frequencies above the upper limit of human hearing
87. so_____t advice *v.* to ask for something, especially in an urgent or pleading manner; to seek something through entreaty
88. human fe__s *n.* waste matter eliminated from the bowels; excrement
89. re_____e with my friend *v.* to bring two or more people together again after a period of separation
90. au_____e words *adj.* able to be heard; loud enough to be heard clearly
91. ph_____e sequences *n.* the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics
92. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
93. ke____d device *n.* a small set of keys with an arrangement of numbers, symbols, or alphabetical letters
94. co____t blue *n.* a lustrous, hard, silver-white element with the symbol Co that is often used in alloys, batteries, and pigments and is essential for certain biological processes in humans and other organisms
95. d__d relationship *n.* a group of two individuals or entities considered as a unit; a pair, or couple; a social group consisting of two members

ANSWERS: 86. ultrasonic, 87. solicit, 88. feces, 89. reunite, 90. audible, 91. phoneme, 92. mimic, 93. keypad, 94. cobalt, 95. dyad

96. emb_____nt erosion *n.* a raised structure or wall, often constructed of earth or stone, built to prevent flooding or to support a road or railway
97. a little i_p *n.* a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore
98. es_____te into a major international incident *v.* to increase in intensity, size, or severity; to make something greater, worse, or more serious
99. bat ech_____ion *n.* the use of reflected sound waves to locate objects, particularly by dolphins and bats.
100. chi_____ee society *n.* a small, very intelligent ape found in west and central Africa with black or brown fur
101. sq___k in protest *v.* to make a loud, harsh, or shrill noise or cry, often in a repetitive or complaining manner; to complain or protest loudly or vehemently
102. deep-sea hyd_____ne *n.* a device used to detect and analyze sound waves in water, typically used for underwater acoustics research, sonar systems, or underwater surveillance
103. au_____e sound *adj.* able to be heard; loud enough to be heard clearly
104. need a trustworthy bab_____er *n.* a person hired to look after a child or children while the parents are away or occupied; someone who provides temporary care and supervision for children in the absence of their parents or guardians

ANSWERS: 96. embankment, 97. imp, 98. escalate, 99. echolocation, 100. chimpanzee, 101. squawk, 102. hydrophone, 103. audible, 104. babysitter

105. this shift occurs spo_____sly

adv. in a way that is natural, not planned or forced, and often sudden

106. do___l surface

adj. located on the back, particularly the upper surface of an animal's body; related to or pertaining to the back

ANSWERS: 105. spontaneously, 106. dorsal

Session 3: Fill in the Blanks

1. He was known for his _____ behavior.
adj. having casual sexual relations frequently with different partners; indiscriminate in the choice of sexual partners; not selective of a single class or person
2. The electrical cord _____ combusted.
adv. in a way that is natural, not planned or forced, and often sudden
3. She _____ him with sarcastic comments about his lack of success.
v. to tease or ridicule in a challenging manner
4. The accident left him with numbness in his left _____.
n. the part of a person's arm between the elbow and the wrist; (verb) to arm in advance of a confrontation
5. Pandas rarely breed in _____.
n. the situation in which a person or animal is kept in prison or a space that they cannot escape from
6. We may frequently _____ age with the frequency of disease.
v. to have a connection or relationship in which one thing affects or depends on another
7. The group of performers perfectly executed the _____ dance routine.
adj. occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
8. The cyclists rode along the canal's _____ enjoying the scenic views.
n. a raised structure or wall, often constructed of earth or stone, built to prevent flooding or to support a road or railway

ANSWERS: 1. promiscuous, 2. spontaneously, 3. taunted, 4. forearm, 5. captivity, 6. correlate, 7. synchronous, 8. embankment,

9. This ad is intended to _____ a competing product.
- v. to make fun of someone or make jokes about them, either in a playful way or to upset them; to separate the fibers of something; to ruffle a person's or animal's hair by combing
10. The situation quickly _____ and turned violent.
- v. to increase in intensity, size, or severity; to make something greater, worse, or more serious
11. She is highly _____ with medical equipment.
- adj. having or showing knowledge and skill and aptitude to do something quite difficult
12. The band will _____ only for this show.
- v. to bring two or more people together again after a period of separation
13. Prospects for the suspect's conviction are _____ due to a lack of helpful evidence.
- adj. dark and gloomy or difficult to see through
14. The search and rescue team sent a team of _____ to search for the missing plane wreckage.
- n. a person who dives, especially one who does so professionally or as a sport; a bird that dives into the water to catch fish or other prey
15. The software program allowed users to generate _____ of their recorded audio files for analysis.
- n. a graph or visual representation depicting the frequency and intensity of sound waves or other signals over time

ANSWERS: 9. tease, 10. escalated, 11. adept, 12. reunite, 13. murky, 14. divers, 15. spectrograms

16. The chef's _____ of dishes includes both classic and innovative recipes.
- n.* the range or variety of skills, abilities, performances, or works that a person or group is capable of producing or performing; the entire body of works that is available to an individual or group to choose from when performing or producing something
17. One _____ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
18. The company _____ employees to buy low-price items without approval to achieve efficient purchasing.
- v.* to give someone the power or authority to do something
19. Another application of _____ technology is crack depth measurement.
- adj.* having frequencies above the upper limit of human hearing
20. I could hear the seagulls _____ loudly as they flew over the beach.
- v.* to make a loud, harsh, or shrill noise or cry, often in a repetitive or complaining manner; to complain or protest loudly or vehemently
21. Our regular _____ was sick, so we had to find a replacement at the last minute.
- n.* a person hired to look after a child or children while the parents are away or occupied; someone who provides temporary care and supervision for children in the absence of their parents or guardians
22. The shark's _____ fin is a distinguishing feature.
- adj.* located on the back, particularly the upper surface of an animal's body; related to or pertaining to the back

ANSWERS: 16. repertoire, 17. determinant, 18. empowered, 19. ultrasonic, 20. squawk, 21. babysitter, 22. dorsal

23. The tiny marine _____ has existed for more than 500 million years.
- n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
24. Dolphins use _____ for hunting fish.
- n.* the use of reflected sound waves to locate objects, particularly by dolphins and bats.
25. The _____ discrimination task revealed that she had difficulty differentiating between certain sounds.
- n.* the smallest possible unit of sound that can change the meaning of a word within a particular language; the basic unit of phonetics
26. It takes time to _____ to a new work schedule, but eventually, it becomes routine.
- v.* to accustom or become accustomed to a particular situation, habit, or behavior through repeated exposure or experience; to make something a habit or regular practice
27. The large group of _____ swam gracefully in the ocean, jumping out of the water now and then.
- n.* a marine mammal that typically has a beaklike snout, a streamlined body, and flippers and that feeds on fish and squid
28. The employee decided to _____ on the company's illegal activities.
- v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound
29. It's important to follow proper _____ when attending a formal dinner.
- n.* a set of rules and norms governing polite and proper behavior in social situations or professional contexts

ANSWERS: 23. sponge, 24. echolocation, 25. phoneme, 26. habituate, 27. dolphins, 28. whistle-blow, 29. etiquette

30. The suspect _____ from the police station before they could be arrested.
- v. to leave hurriedly and secretly, especially to avoid getting into trouble or facing consequences
31. The company _____ donations from its employees for the charity event.
- v. to ask for something, especially in an urgent or pleading manner; to seek something through entreaty
32. The ball speed will increase when the lower body movements are perfectly _____.
- v. to happen or cause to happen at the same time or rate
33. The spider's _____ allowed it to climb up the wall easily.
- n. a part attached to the main body or structure, often with a specific function or purpose; a limb or other body part that projects outward from the main body
34. The software could _____ the encrypted data and reveal the hidden information.
- v. to convert something, such as a message or piece of information, from a specific form into one that you can understand
35. The winning team began to _____ and holler with excitement.
- v. to shout or cry out loudly, often in celebration or excitement; to make an exuberant noise
36. These models explain why you can't _____ yourself.
- v. to lightly touch a sensitive part of somebody's body in a way that makes them laugh
37. She soaked _____ in water until tender.
- n. a plant that grows in the sea or on land very close to the sea, especially marine algae

ANSWERS: 30. absconded, 31. solicited, 32. synchronized, 33. appendage, 34. decode, 35. whoop, 36. tickle, 37. seaweed

38. The blades of gas turbine engines are often coated with a _____ layer to improve their durability.
- n.* a lustrous, hard, silver-white element with the symbol Co that is often used in alloys, batteries, and pigments and is essential for certain biological processes in humans and other organisms
39. Proper disposal of _____ is essential for maintaining public health and sanitation.
- n.* waste matter eliminated from the bowels; excrement
40. To succeed in the field of science, you need to have some serious _____ and dedication
- n.* intellectual or cognitive ability; mental capacity or intelligence
41. The mischievous ____ caused trouble wherever it went.
- n.* a mischievous or misbehaving child; a small and mischievous demon or sprite in folklore
42. The teacher _____ the student to get his attention and asked him a question.
- v.* to push someone or something gently, especially with your elbow, to attract the person's attention; (noun) a small push or prod to encourage a desired action or behavior
43. In psychotherapy, the therapeutic _____ consists of the therapist and the patient, and their relationship is crucial to the therapeutic process.
- n.* a group of two individuals or entities considered as a unit; a pair, or couple; a social group consisting of two members
44. The physicist specializes in _____.
- n.* a branch of physics that deals with the study of mechanical waves in gases, liquids, and solids, including topics such as vibration, sound, ultrasound, and infrasound

ANSWERS: 38. cobalt, 39. feces, 40. brainpower, 41. imp, 42. nudged, 43. dyad, 44. acoustics

45. The _____ leave policy at his workplace allowed him to take time off to bond with his new baby
- n.* the state of being a father; the attribution of a specific child to a particular father; the characteristics or traits inherited or passed down from a father
46. An _____ sigh from the back of the room broke the silence.
- adj.* able to be heard; loud enough to be heard clearly
47. _____ dolphins are known for their intelligence and social behavior.
- adj.* a type of dolphin that has a distinctive bottle-shaped snout; anything that is characterized by a similar shape or appearance
48. Punch your credit card number into this external _____.
- n.* a small set of keys with an arrangement of numbers, symbols, or alphabetical letters
49. The satellite sends _____ data back to Earth to help scientists study the atmosphere.
- n.* the process of collecting and transmitting data from remote or inaccessible sources using wireless or other communication means, usually for monitoring or control purposes
50. The military uses _____ for underwater surveillance and communication.
- n.* a device used to detect and analyze sound waves in water, typically used for underwater acoustics research, sonar systems, or underwater surveillance
51. Many zoos have _____ exhibits, allowing visitors to observe these intelligent primates up close.
- n.* a small, very intelligent ape found in west and central Africa with black or brown fur

ANSWERS: 45. paternity, 46. audible, 47. Bottlenose, 48. keypad, 49. telemetry, 50. hydrophones, 51. chimpanzee

52. We decided to take a leisurely ride on a luxury _____ during our vacation at the beach.

- n.* a vessel or boat with two parallel hulls joined together by a frame or platform, often used for sailing or leisure purposes

53. He is very popular at school because he can _____ all the teachers' accents.

- v.* to imitate someone's speech, movement, or behavior, especially to make others laugh

ANSWERS: 52. catamaran, 53. mimic