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Vocabulary Builder Reference from...

Miles Zhang: The bizarre world of parasitic wasps | TED Talk

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

Advanced Words Only

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Session 1: Word List

cockroach

n. a flat, brown or black, chiefly nocturnal insects sometimes found in the home

synonym : roach

(1) **cockroach** killer, (2) have a **cockroach** phobia

Cockroaches sometimes cause allergic reactions in humans.

wasp

n. a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals

synonym : insect, hornet, yellow jacket

(1) **wasp** nest, (2) **wasp** sting

A giant **wasp** flew into the room, and everyone panicked.

latch

n. a device for holding a door or gate closed, typically a sliding bar or bolt

synonym : lock, catch, bolt

(1) set the **latch**, (2) **latch** mechanism

The **latch** on the gate was broken, so the cows got loose.

sting

v. to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick

synonym : bite, prick, poke

(1) **sting** me on the arm, (2) **sting** his face
Bees **sting** as a defense mechanism when they feel threatened.

precis

v. to make a summary of something, such as a text or speech; (noun) a short form of the main points of an argument or theory

synonym: summarize, abstract, digest

(1) **precis** the contents of a book, (2) a **precis** of recent advances in AI

He **precis** this lengthy report in two pages.

thorax

n. the part of an insect's body that bears the wings and legs, located between the head and the abdomen

synonym: chest, midsection, upper body

(1) **thorax** segment, (2) **thorax** anatomy

The insect's **thorax** is the middle section, where the wings and legs attach.

venom

n. a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging

synonym: poison, toxin, hating

(1) the **venom** of a lizard, (2) injected **venom**

The snake's **venom** is highly toxic and can be fatal to humans.

paralyze

v. to cause a person or part of the body to become unable to move or feel

synonym: immobilize, disable, numb

(1) **paralyze** a city, (2) **paralyze** a person

The venom from the snake bite **paralyzed** his arm.

hemolymph

n. the fluid that circulates in the body cavity of arthropods, crustaceans, and other invertebrates and functions in much the same way as blood in vertebrates

synonym: blood, circulatory fluid, plasma

(1) **hemolymph** circulation, (2) **hemolymph** nodes
Hemolymph pressure is used by some arthropods, such as insects, to maintain their exoskeleton's shape and rigidity.

subterranean

adj. under the ground

synonym: underground, belowground, subsurface

(1) **subterranean** rooms, (2) **subterranean** motives for murder

Such **subterranean** passages span kilometers in London.

lair

n. a den or shelter used by a wild animal

synonym: den, hideout, shelter

(1) **lair** of a dragon, (2) **lair** of a criminal

The tiger's **lair** was filled with treasure.

burrow

v. to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal

synonym: tunnel, dig, excavate

(1) **burrow** through the forest, (2) **burrow** into a mystery

You can't **burrow** through solid metal.

crypt

n. a chamber or vault beneath the floor of a church or other building, typically used as a tomb

synonym: vault, tomb, chamber

(1) uterine **crypt**, (2) **crypt** in a church

The royal **crypt** was filled with ancient artifacts and coffins.

larva

n. the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

synonym: caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

hatch

v. to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

synonym : incubate, breed, produce

(1) **hatch** a plan, (2) **hatch** a baby chick

The eggs began to **hatch**, and the small chicks emerged.

pupa

n. the intermediate stage in the development of an insect between the larva and the adult

synonym : chrysalis, cocoon, pupae

(1) **pupa** stage, (2) emerge from a **pupa**

The **pupa** of the moth was hidden deep inside the cocoon.

carcass

n. the dead body of an animal, especially one that has been killed for food

synonym : corpse, remains, body

(1) examine a **carcass**, (2) **carcass** disposal

The animal's **carcass** was found in the forest, most likely killed by a predator.

iridescent

adj. varying in color when seen in different lights or from different angles

synonym : pearlescent, rainbowy, opaline

(1) an **iridescent** oil slick, (2) **iridescent** color

Her most recent fashion collection incorporates sparkling **iridescent** materials.

gruesome

adj. causing horror or disgust

synonym : appalling, horrific, terrible

(1) hear **gruesome** details, (2) **gruesome** accident

The **gruesome** crime scene was difficult for the detectives to stomach.

parasitoid

n. an organism that lives in or on another organism, called the host, and ultimately kills it

synonym : symbiont

(1) **parasitoid** larva, (2) **parasitoid** insect

Parasitoid wasps lay their eggs on the larvae of other insects.

dreadful

adj. very bad, unpleasant, or causing fear

synonym : terrible, horrible, awful

(1) **dreadful** accident, (2) **dreadful** news

The conditions of the prison were **dreadful** and inhumane.

ladybug

n. a small, round, usually red or orange beetle with black spots, which feeds on aphids and other small insects

synonym : ladybird, lady beetle

(1) **ladybug** on a leaf, (2) **ladybug** larvae

Some species of **ladybugs** have a strong, unpleasant smell and are also called stink bugs.

beetle

n. an insect having a hard shell-like back covering its wings

(1) **beetle** brows, (2) a **beetle** larva

In ancient civilizations, the scarab **beetle** was worshiped as a sacred creature.

cocoon

n. a protective covering spun by some insects and other invertebrates

synonym : chrysalis, pupa, case

(1) **cocoon** silk, (2) a dried **cocoon**

The caterpillar spins a **cocoon** around itself before turning into a butterfly.

bewitch

v. to attract or interest someone a lot so that they cannot think in a sensible way

synonym : charm, enchant, fascinate

(1) hold the charm to **bewitch**, (2) **bewitch** him into a frog

Her beauty **bewitched** him.

predatory

adj. living by eating other animals, especially by catching prey that is still alive

synonym : raptorial, hunting, greedy

(1) a **predatory** bird, (2) **predatory** warfare

The domesticated cat still has its **predatory** instincts.

lacewing

n. a green or brown insect that has large, delicate, net-veined wings and is often found near aphid-infested plants

synonym : insect, predator, greenfly

(1) a variety of green **lacewing**, (2) larva of **lacewing** flies

The **lacewing** insect is a beneficial garden predator, eating aphids and other pests.

twitch

v. to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body

synonym : spasm, jerk, flinch

(1) **twitch** at his sleeve, (2) **twitch** of an eye

She couldn't stop her leg from **twitching** nervously.

hapless

adj. having no luck; unfortunate

synonym : unfortunate, unlucky, pitiable

(1) her **hapless** fate, (2) **hapless** situation

The **hapless** victim had no way to defend themselves.

corpse

n. the dead body of a human being

synonym : body, remains, cadaver

(1) desiccated **corpse**, (2) the **corpse** of an animal

The police found the **corpse** in the abandoned building.

gall

n. rudeness and the inability to understand that one's conduct or words are not acceptable to others; a feeling of deep and bitter anger and ill-will

synonym : bitterness, boldness, vexation

(1) **gall** and wormwood, (2) have the **gall**

He sometimes recalls **gall** past mistakes.

parasitic

adj. living off another organism to the detriment of the host

synonym : symbiotic, dependent, exploitative

(1) **parasitic** relationship, (2) brood- **parasitic** bird

The **parasitic** plant was able to survive by stealing nutrients

from its host.

tuck

v. to push a stray piece of clothing or material into a particular area or position, especially to make it more orderly or comfortable

synonym: insert, wrap, pinch

(1) **tuck** a baby in the blanket, (2) **tuck** into another cigarette

You should **tuck** your shirt into your trousers.

chew

v. to crush or grind something, especially food, with the teeth and then swallow it

synonym: masticate, crush, grind

(1) **chew** each word, (2) **chew** a stick of gum

My dog loves to **chew** on bones.

caterpillar

n. the wormlike larva of a butterfly or moth

synonym: larva, grub, worm

(1) **caterpillar** of a butterfly, (2) **caterpillar** in a cocoon

The woolly bear **caterpillar** munched on leaves all day.

owl

n. a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call

synonym: raptor, bird of prey, nocturnal bird

(1) a night **owl**, (2) an **owl** hooted

The snowy **owl** is a large, white bird often seen in the Arctic.

moth

n. an insect with wings similar to a butterfly that travels at night and is attracted to light

(1) **moth** larva, (2) **moth** attracted to the light

The **moth** is a serious threat to the farm's output.

flutter

v. to wave or flap quickly and lightly; (noun) the act of moving back and forth

synonym: flit, hover, wave

(1) **flutter** around finding, (2) a **flutter** of a bird

The butterfly **fluttered** its wings gracefully.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

polyembryony

n. the development of multiple embryos from a single fertilized egg

synonym: multiple-embryo, multiple-fertilization

(1) **polyembryony** reproduction, (2) **polyembryony** biology

The mechanism of **polyembryony** is an important study area in genetics, evolutionary biology, and ecology.

spawn

v. to lay eggs or to produce offspring; to cause something to develop

synonym: beget, breed, generate

(1) **spawn** in spring, (2) **spawn** a new concept

The salmon swims upstream to **spawn** in the place they were released.

brood

v. to think much and deeply about something that makes one annoyed, anxious, or angry; (noun) a group of young birds or other animals all produced at one hatching or birth

synonym: offspring, hatch, family

(1) **brood** about the defeat, (2) a **brood** of chickens

The terrible result **brooded** over her all day long.

caste

n. a social class or group, typically determined by birth or occupation, that has a particular status in a society

synonym: class, social group, status group

(1) military **caste**, (2) **caste-based** discrimination

He was born into a lower **caste** and faced discrimination

throughout his life.

battleground

n. a place where a battle is fought

synonym : arena, field, theater

(1) **battleground** states, (2) the legal **battleground**

The city became a **battleground** during the war.

morph

v. to change or cause to change something or someone smoothly and gradually from one thing to another

synonym : alter, modify, transform

(1) **morph** into a different shape, (2) **morph** into something entirely different

This company **morphed** into an enterprise company.

peek

n. a quick or furtive look; (verb) to take a quick and secret look at something

synonym : glimpse, look, glance

(1) sneak **peek**, (2) **peek** at others' misfortune

She took a quick **peek** inside the box before closing it again.

prolific

adj. producing many works, results, or offspring

synonym : productive, fertile, abundant

(1) **prolific** apple tree, (2) **prolific** period

The **prolific** author had written over 20 books in just five years.

microscopic

adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy

synonym : infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis

Inspectors noticed **microscopic** cracks in the submarine's hull.

parasitize

v. to live off another organism, also called the host, and feed from it

synonym : exploit, leech, use

(1) **parasitize** a single host, (2) **parasitize** the roots of plants

Some species of insects **parasitize** other insects by laying their eggs in or on the host's body.

parasitism

n. a type of symbiotic relationship in which one organism, called the parasite, benefits at the expense of the other, called the host

synonym: exploitation, dependence, symbiosis

(1) **parasitism** relationship, (2) **parasitism** biology

The study of **parasitism** is a complex field that involves many different types of organisms, interactions, and ecological roles.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

Session 2: Spelling

- | | |
|-------------------------------|--|
| 1. sneak p__k | <i>n.</i> a quick or furtive look; (verb) to take a quick and secret look at something |
| 2. the ve__m of a lizard | <i>n.</i> a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging |
| 3. th___x anatomy | <i>n.</i> the part of an insect's body that bears the wings and legs, located between the head and the abdomen |
| 4. t__k a baby in the blanket | <i>v.</i> to push a stray piece of clothing or material into a particular area or position, especially to make it more orderly or comfortable |
| 5. g__l and wormwood | <i>n.</i> rudeness and the inability to understand that one's conduct or words are not acceptable to others; a feeling of deep and bitter anger and ill-will |
| 6. l__r of a dragon | <i>n.</i> a den or shelter used by a wild animal |
| 7. st__g me on the arm | <i>v.</i> to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick |
| 8. pr_____ry warfare | <i>adj.</i> living by eating other animals, especially by catching prey that is still alive |
| 9. pa_____ic relationship | <i>adj.</i> living off another organism to the detriment of the host |

ANSWERS: 1. peek, 2. venom, 3. thorax, 4. tuck, 5. gall, 6. lair, 7. sting, 8. predatory, 9. parasitic

- | | |
|---------------------------------------|---|
| 10. an op_____ne remark | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 11. sub_____ean motives for murder | <i>adj.</i> under the ground |
| 12. co_____ch killer | <i>n.</i> a flat, brown or black, chiefly nocturnal insects sometimes found in the home |
| 13. a pr___s of recent advances in AI | <i>v.</i> to make a summary of something, such as a text or speech; (noun) a short form of the main points of an argument or theory |
| 14. la__h mechanism | <i>n.</i> a device for holding a door or gate closed, typically a sliding bar or bolt |
| 15. sp__n a new concept | <i>v.</i> to lay eggs or to produce offspring; to cause something to develop |
| 16. st__g his face | <i>v.</i> to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick |
| 17. a moth la__a | <i>n.</i> the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose |
| 18. he_____ph circulation | <i>n.</i> the fluid that circulates in the body cavity of arthropods, crustaceans, and other invertebrates and functions in much the same way as blood in vertebrates |
| 19. hold the charm to be_____h | <i>v.</i> to attract or interest someone a lot so that they cannot think in a sensible way |

ANSWERS: 10. opportune, 11. subterranean, 12. cockroach, 13. precis, 14. latch, 15. spawn, 16. sting, 17. larva, 18. hemolymph, 19. bewitch

20. p__a stage *n.* the intermediate stage in the development of an insect between the larva and the adult
21. br__d about the defeat *v.* to think much and deeply about something that makes one annoyed, anxious, or angry; (noun) a group of young birds or other animals all produced at one hatching or birth
22. pol_____ony reproduction *n.* the development of multiple embryos from a single fertilized egg
23. mo__h into something entirely different *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
24. an iri_____nt oil slick *adj.* varying in color when seen in different lights or from different angles
25. p__k at others' misfortune *n.* a quick or furtive look; (verb) to take a quick and secret look at something
26. bu__w through the forest *v.* to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal
27. tw__h of an eye *v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
28. military ca__e *n.* a social class or group, typically determined by birth or occupation, that has a particular status in a society
29. sub_____ean rooms *adj.* under the ground
30. la__a of a butterfly *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

ANSWERS: 20. pupa, 21. brood, 22. polyembryony, 23. morph, 24. iridescent, 25. peek, 26. burrow, 27. twitch, 28. caste, 29. subterranean, 30. larva

31. iri_____nt color *adj.* varying in color when seen in different lights or from different angles
32. par_____ze the roots of plants *v.* to live off another organism, also called the host, and feed from it
33. cat_____ar of a butterfly *n.* the wormlike larva of a butterfly or moth
34. brood-pa_____ic bird *adj.* living off another organism to the detriment of the host
35. examine a ca_____s *n.* the dead body of an animal, especially one that has been killed for food
36. her ha_____s fate *adj.* having no luck; unfortunate
37. la_____g larvae *n.* a small, round, usually red or orange beetle with black spots, which feeds on aphids and other small insects
38. pr_____ic period *adj.* producing many works, results, or offspring
39. ha_____s situation *adj.* having no luck; unfortunate
40. pa_____ze a person *v.* to cause a person or part of the body to become unable to move or feel
41. a night o_l *n.* a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call
42. bu___w into a mystery *v.* to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal
43. pr___s the contents of a book *v.* to make a summary of something, such as a text or speech; (noun) a short form of the main points of an argument or theory

ANSWERS: 31. iridescent, 32. parasitize, 33. caterpillar, 34. parasitic, 35. carcass, 36. hapless, 37. ladybug, 38. prolific, 39. hapless, 40. paralyze, 41. owl, 42. burrow, 43. precis

44. a fl_____r of a bird *v.* to wave or flap quickly and lightly; (noun) the act of moving back and forth
45. pa_____ze a city *v.* to cause a person or part of the body to become unable to move or feel
46. have the g__l *n.* rudeness and the inability to understand that one's conduct or words are not acceptable to others; a feeling of deep and bitter anger and ill-will
47. par_____sm relationship *n.* a type of symbiotic relationship in which one organism, called the parasite, benefits at the expense of the other, called the host
48. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
49. par_____sm biology *n.* a type of symbiotic relationship in which one organism, called the parasite, benefits at the expense of the other, called the host
50. a dried co___n *n.* a protective covering spun by some insects and other invertebrates
51. gr_____me accident *adj.* causing horror or disgust
52. par_____id insect *n.* an organism that lives in or on another organism, called the host, and ultimately kills it
53. a variety of green la_____ng *n.* a green or brown insect that has large, delicate, net-veined wings and is often found near aphid-infested plants
54. par_____ze a single host *v.* to live off another organism, also called the host, and feed from it

ANSWERS: 44. flutter, 45. paralyze, 46. gall, 47. parasitism, 48. opportune, 49. parasitism, 50. cocoon, 51. gruesome, 52. parasitoid, 53. lacewing, 54. parasitize

55. bat_____und states *n.* a place where a battle is fought
56. be___e brows *n.* an insect having a hard shell-like back covering its wings
57. sp__n in spring *v.* to lay eggs or to produce offspring; to cause something to develop
58. uterine cr__t *n.* a chamber or vault beneath the floor of a church or other building, typically used as a tomb
59. ha__h a baby chick *v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
60. set the la__h *n.* a device for holding a door or gate closed, typically a sliding bar or bolt
61. mo__h into a different shape *v.* to change or cause to change something or someone smoothly and gradually from one thing to another
62. w__p sting *n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals
63. the co___e of an animal *n.* the dead body of a human being
64. t__k into another cigarette *v.* to push a stray piece of clothing or material into a particular area or position, especially to make it more orderly or comfortable
65. desiccated co___e *n.* the dead body of a human being
66. dr_____ul news *adj.* very bad, unpleasant, or causing fear

ANSWERS: 55. battleground, 56. beetle, 57. spawn, 58. crypt, 59. hatch, 60. latch, 61. morph, 62. wasp, 63. corpse, 64. tuck, 65. corpse, 66. dreadful

67. pol_____ony biology *n.* the development of multiple embryos from a single fertilized egg
68. a be___e larva *n.* an insect having a hard shell-like back covering its wings
69. pr_____ic apple tree *adj.* producing many works, results, or offspring
70. th___x segment *n.* the part of an insect's body that bears the wings and legs, located between the head and the abdomen
71. mic_____ic inquiry *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
72. cat_____ar in a cocoon *n.* the wormlike larva of a butterfly or moth
73. a br___d of chickens *v.* to think much and deeply about something that makes one annoyed, anxious, or angry; (noun) a group of young birds or other animals all produced at one hatching or birth
74. c___w each word *v.* to crush or grind something, especially food, with the teeth and then swallow it
75. w___p nest *n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals
76. have a co_____ch phobia *n.* a flat, brown or black, chiefly nocturnal insects sometimes found in the home
77. emerge from a p___a *n.* the intermediate stage in the development of an insect between the larva and the adult

ANSWERS: 67. polyembryony, 68. beetle, 69. prolific, 70. thorax, 71. microscopic, 72. caterpillar, 73. brood, 74. chew, 75. wasp, 76. cockroach, 77. pupa

78. la____g on a leaf *n.* a small, round, usually red or orange beetle with black spots, which feeds on aphids and other small insects
79. ca__e-based discrimination *n.* a social class or group, typically determined by birth or occupation, that has a particular status in a society
80. hear gr_____me details *adj.* causing horror or disgust
81. cr__t in a church *n.* a chamber or vault beneath the floor of a church or other building, typically used as a tomb
82. l__r of a criminal *n.* a den or shelter used by a wild animal
83. fl_____r around finding *v.* to wave or flap quickly and lightly; (noun) the act of moving back and forth
84. a pr_____ry bird *adj.* living by eating other animals, especially by catching prey that is still alive
85. ca_____s disposal *n.* the dead body of an animal, especially one that has been killed for food
86. tw___h at his sleeve *v.* to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body
87. m__h attracted to the light *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
88. the legal bat_____und *n.* a place where a battle is fought
89. co___n silk *n.* a protective covering spun by some insects and other invertebrates

ANSWERS: 78. ladybug, 79. caste, 80. gruesome, 81. crypt, 82. lair, 83. flutter, 84. predatory, 85. carcass, 86. twitch, 87. moth, 88. battleground, 89. cocoon

90. in___t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
91. par_____id larva *n.* an organism that lives in or on another organism, called the host, and ultimately kills it
92. in___t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
93. mic_____ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
94. ha__h a plan *v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
95. be_____h him into a frog *v.* to attract or interest someone a lot so that they cannot think in a sensible way
96. injected ve__m *n.* a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging
97. c__w a stick of gum *v.* to crush or grind something, especially food, with the teeth and then swallow it
98. dr_____ul accident *adj.* very bad, unpleasant, or causing fear
99. larva of la_____ng flies *n.* a green or brown insect that has large, delicate, net-veined wings and is often found near aphid-infested plants

ANSWERS: 90. inject, 91. parasitoid, 92. inject, 93. microscopic, 94. hatch, 95. bewitch, 96. venom, 97. chew, 98. dreadful, 99. lacewing

100. m__h larva *n.* an insect with wings similar to a butterfly that travels at night and is attracted to light
101. an o_l hooted *n.* a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call
102. he_____ph nodes *n.* the fluid that circulates in the body cavity of arthropods, crustaceans, and other invertebrates and functions in much the same way as blood in vertebrates

ANSWERS: 100. moth, 101. owl, 102. hemolymph

Session 3: Fill in the Blanks

1. Bees _____ as a defense mechanism when they feel threatened.
 - v. to cause a sharp, painful sensation or injury with a poison, venom, or other substance or by a physical action such as a bite or prick

2. In ancient civilizations, the scarab _____ was worshiped as a sacred creature.
 - n. an insect having a hard shell-like back covering its wings

3. The study of _____ is a complex field that involves many different types of organisms, interactions, and ecological roles.
 - n. a type of symbiotic relationship in which one organism, called the parasite, benefits at the expense of the other, called the host

4. My dog loves to _____ on bones.
 - v. to crush or grind something, especially food, with the teeth and then swallow it

5. She couldn't stop her leg from _____ nervously.
 - v. to make a sudden and quick movement with a part of the body; (noun) a sudden, small, jerky movement of a muscle or part of the body

6. The _____ insect is a beneficial garden predator, eating aphids and other pests.
 - n. a green or brown insect that has large, delicate, net-veined wings and is often found near aphid-infested plants

7. The snowy _____ is a large, white bird often seen in the Arctic.
 - n. a nocturnal bird of prey with large eyes, a facial disc, and typically a loud hooting call

ANSWERS: 1. sting, 2. beetle, 3. parasitism, 4. chew, 5. twitching, 6. lacewing, 7. owl

8. You can't _____ through solid metal.
v. to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal
9. The police found the _____ in the abandoned building.
n. the dead body of a human being
10. Her most recent fashion collection incorporates sparkling _____ materials.
adj. varying in color when seen in different lights or from different angles
11. The _____ is a serious threat to the farm's output.
n. an insect with wings similar to a butterfly that travels at night and is attracted to light
12. The salmon swims upstream to _____ in the place they were released.
v. to lay eggs or to produce offspring; to cause something to develop
13. _____ wasps lay their eggs on the larvae of other insects.
n. an organism that lives in or on another organism, called the host, and ultimately kills it
14. The butterfly _____ its wings gracefully.
v. to wave or flap quickly and lightly; (noun) the act of moving back and forth
15. The terrible result _____ over her all day long.
v. to think much and deeply about something that makes one annoyed, anxious, or angry; (noun) a group of young birds or other animals all produced at one hatching or birth

ANSWERS: 8. burrow, 9. corpse, 10. iridescent, 11. moth, 12. spawn, 13. Parasitoid, 14. fluttered, 15. brooded

16. A giant _____ flew into the room, and everyone panicked.
n. a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals
17. The caterpillar spins a _____ around itself before turning into a butterfly.
n. a protective covering spun by some insects and other invertebrates
18. _____ sometimes cause allergic reactions in humans.
n. a flat, brown or black, chiefly nocturnal insects sometimes found in the home
19. Her beauty _____ him.
v. to attract or interest someone a lot so that they cannot think in a sensible way
20. The _____ victim had no way to defend themselves.
adj. having no luck; unfortunate
21. Let's try to _____ a bit of enthusiasm into your performance.
v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
22. The snake's _____ is highly toxic and can be fatal to humans.
n. a toxic substance produced by an animal, typically a snake or insect, and injected into prey or an enemy by biting or stinging
23. The venom from the snake bite _____ his arm.
v. to cause a person or part of the body to become unable to move or feel
24. The _____ plant was able to survive by stealing nutrients from its host.
adj. living off another organism to the detriment of the host

ANSWERS: 16. wasp, 17. cocoon, 18. Cockroaches, 19. bewitched, 20. hapless, 21. inject, 22. venom, 23. paralyzed, 24. parasitic

25. You should _____ your shirt into your trousers.
- v.* to push a stray piece of clothing or material into a particular area or position, especially to make it more orderly or comfortable
26. This company _____ into an enterprise company.
- v.* to change or cause to change something or someone smoothly and gradually from one thing to another
27. The eggs began to _____ and the small chicks emerged.
- v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
28. The phone rang at the most _____ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
29. _____ pressure is used by some arthropods, such as insects, to maintain their exoskeleton's shape and rigidity.
- n.* the fluid that circulates in the body cavity of arthropods, crustaceans, and other invertebrates and functions in much the same way as blood in vertebrates
30. The butterfly emerged from its _____ stage.
- n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
31. The insect's _____ is the middle section, where the wings and legs attach.
- n.* the part of an insect's body that bears the wings and legs, located between the head and the abdomen
32. The _____ author had written over 20 books in just five years.
- adj.* producing many works, results, or offspring

ANSWERS: 25. tuck, 26. morphed, 27. hatch, 28. opportune, 29. Hemolymph, 30. larva, 31. thorax, 32. prolific

33. Such _____ passages span kilometers in London.
adj. under the ground
34. Some species of insects _____ other insects by laying their eggs in or on the host's body.
v. to live off another organism, also called the host, and feed from it
35. Some species of _____ have a strong, unpleasant smell and are also called stink bugs.
n. a small, round, usually red or orange beetle with black spots, which feeds on aphids and other small insects
36. The domesticated cat still has its _____ instincts.
adj. living by eating other animals, especially by catching prey that is still alive
37. Inspectors noticed _____ cracks in the submarine's hull.
adj. tiny; exceedingly precise and detail-oriented; of or used in microscopy
38. The royal _____ was filled with ancient artifacts and coffins.
n. a chamber or vault beneath the floor of a church or other building, typically used as a tomb
39. The _____ of the moth was hidden deep inside the cocoon.
n. the intermediate stage in the development of an insect between the larva and the adult
40. The _____ crime scene was difficult for the detectives to stomach.
adj. causing horror or disgust

ANSWERS: 33. subterranean, 34. parasitize, 35. ladybugs, 36. predatory, 37. microscopic, 38. crypt, 39. pupa, 40. gruesome

41. He was born into a lower _____ and faced discrimination throughout his life.
n. a social class or group, typically determined by birth or occupation, that has a particular status in a society
42. The city became a _____ during the war.
n. a place where a battle is fought
43. The mechanism of _____ is an important study area in genetics, evolutionary biology, and ecology.
n. the development of multiple embryos from a single fertilized egg
44. He sometimes recalls _____ past mistakes.
n. rudeness and the inability to understand that one's conduct or words are not acceptable to others; a feeling of deep and bitter anger and ill-will
45. He _____ this lengthy report in two pages.
v. to make a summary of something, such as a text or speech; (noun) a short form of the main points of an argument or theory
46. The wooly bear _____ munched on leaves all day.
n. the wormlike larva of a butterfly or moth
47. She took a quick _____ inside the box before closing it again.
n. a quick or furtive look; (verb) to take a quick and secret look at something
48. The tiger's _____ was filled with treasure.
n. a den or shelter used by a wild animal
49. The _____ on the gate was broken, so the cows got loose.
n. a device for holding a door or gate closed, typically a sliding bar or bolt

ANSWERS: 41. caste, 42. battleground, 43. polyembryony, 44. gall, 45. precis, 46. caterpillar, 47. peek, 48. lair, 49. latch

50. The conditions of the prison were _____ and inhumane.

adj. very bad, unpleasant, or causing fear

51. The animal's _____ was found in the forest, most likely killed by a predator.

n. the dead body of an animal, especially one that has been killed for food

ANSWERS: 50. dreadful, 51. carcass