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Shimon Steinberg: Natural pest control ... using bugs!

| TED Talk

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Advanced Words Only

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Session 1: Word List

zoology

n. the scientific study of animals, including their classification, habits, behavior, physiology, and evolution

synonym : animal science, biology, zoography

(1) **zoology** book, (2) **zoology** professor

She's studying **zoology** at university and hopes to work at a zoo someday.

entomology

n. the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment

synonym : insect science, bug study, insectology

(1) **entomology** lab, (2) **entomology** book

The museum offered a guided tour of its **entomology** exhibit featuring various insects.

noxious

adj. harmful or poisonous to living beings; having an unpleasant or offensive smell or taste; causing intense or unpleasant emotions or feelings

synonym : harmful, toxic, poisonous

(1) **noxious** gas, (2) **noxious** substances

The **noxious** fumes from the factory were causing health problems for nearby residents.

magnify

v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder

synonym: enlarge, elaborate, intensify

(1) **magnify** the danger, (2) **magnify** the image for display
Terrorists often attempt to **magnify** the economic impact of their acts of destruction.

inflict

v. to cause harm, injury, or suffering to someone or something

synonym: impose, levy, administer

(1) **inflict** a heavier tax, (2) **inflict** a hard blow
The storm **inflicted** significant damage on the town.

mite

n. a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals

synonym: speck, insect

(1) house dust **mite**, (2) a **mite** of evidence
The **mite** infestation in the old house was a serious problem for the residents.

cucumber

n. a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable

(1) a **cucumber** face mask, (2) several varieties of **cucumbers**

I like to slice **cucumber** and put it on my sandwiches.

stipple

v. to create a pattern or texture on a surface by applying a series of small dots or marks; to paint or draw using a technique of dotting or dapping

synonym: dot, speckle

(1) **stipple** a drawing, (2) **stipple** the background of the portrait

When applying makeup, some techniques require you to **stipple** foundation onto the skin using a special brush.

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.

pierce

v. to cut or make a way through with a sharp instrument

synonym : jab, penetrate, stab

(1) **pierce** the armored shells, (2) **pierce** a mystery

The extreme cold **pierced** our bones.

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.

shrivel

v. to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time

synonym : wilt, shrink, dry up

(1) **shrivel** up due to drought, (2) **shrivel** in the sun

The grapes **shriveled** in the heat, making them inedible.

satiate

v. to satisfy or fulfill an appetite or desire completely; to fill or gratify to excess; to quench or extinguish a thirst or hunger

synonym : satisfy, quench, appease

(1) **satiate** thirst, (2) **satiate** desire

Eating a healthy and balanced meal can **satiate** hunger and provide essential nutrients for the body.

nymph

n. (in Greek and Roman mythology) a minor female nature deity typically associated with a particular location or landform

synonym : sprite, fairy, pixie

(1) **nymph** of the woods, (2) water **nymph**

The sea **nymphs** were said to lure sailors with their seductive

voices.

aphid

n. a tiny insect that feeds on the sap of plants and can cause damage or diseases to plants, often found in large colonies

synonym : plant louse, greenfly, blackfly

(1) **aphid** infestation, (2) **aphid** control

The **aphids** were eating all the leaves of my tomato plants.

springtime

n. the season of the year between winter and summer, typically associated with the blooming of flowers, growth of plants, and milder weather

synonym : spring, heyday, budtime

(1) **springtime** blooms, (2) **springtime** breeze

I love going for walks in the park during **springtime**.

hibiscus

n. a flowering plant with large, colorful flowers that are often used in the production of tea and jam

(1) **hibiscus** extract, (2) **hibiscus** tea

The bright red **hibiscus** flowers added a pop of color to the garden.

foliage

n. the leaves of a plant or tree, especially in large quantities or as seen from a distance; natural greenery, often used for decorative purposes

synonym : leaves, greenery, flora

(1) colorful **foliage**, (2) autumn **foliage**

The vibrant **foliage** on the vines made the winery look even more beautiful.

parthenogenesis

n. a form of asexual reproduction in which an unfertilized egg develops into a new individual without the need for sperm, commonly found in some species of plants, invertebrates, and in rare cases, vertebrates

synonym : asexual reproduction, virgin birth, cloning

(1) **parthenogenesis** reproduction, (2) **parthenogenesis** in insects

Some species of lizards and insects are capable of **parthenogenesis**.

secrete

v. to produce and discharge a substance, such as a hormone or glandular secretion; to conceal or hide something

synonym : excrete, seep, discharge

(1) **secrete** mucus, (2) **secrete** enzymes

The glands in the body **secrete** hormones that regulate various bodily functions.

sugary

adj. having the taste, texture, or appearance of sugar; excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere

synonym : sweet, syrupy, saccharine

(1) **sugary** treat, (2) excessively **sugary**

I avoid eating **sugary** foods to maintain a healthy diet.

honeydew

n. a type of sugary excretion produced by aphids and other insects and collected by bees to make honey; a type of sweet, juicy melon

(1) **honeydew** excretion, (2) ripe **honeydew**

The sweet **honeydew** melon was a perfect addition to the fruit salad.

clog

v. to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something

synonym : block, jam, obstruct

(1) **clog** a filter, (2) **clog** artery

The drain was **clogged** with hair and needed to be cleaned out.

fungus

n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

synonym :

mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

soot

n. a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire

synonym : smut, dirt

(1) **soot-covered** walls, (2) black **soot**

The fire left a layer of **soot** on everything in the room.

mold

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

synonym : cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

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.

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.

predator

n. an animal whose natural behavior is to prey on others

synonym : vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

parasite

n. an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

synonym: hitchhiker, leech, saprophyte

(1) blood-sucking **parasite**, (2) **parasite** disease

Tapeworms are **parasites** that live in the intestines of humans and animals.

slender

adj. thin and delicate, often in an attractive way

synonym: lanky, skinny, slim

(1) **slender** body, (2) a long **slender** leaf

He has a **slender** income.

acrobatic

adj. relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile, flexible, and graceful

synonym: nimble, agile, flexible

(1) **acrobatic** leaps, (2) **acrobatic** skills

The **acrobatic** performance was breathtaking and left the audience in awe.

maneuver

n. a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

synonym: gimmick, trick, action

(1) political **maneuvers**, (2) made a great **maneuver**

In this class, we learn the basic **maneuver** of the plane.

abdomen

n. the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

synonym: belly, gut, tummy

(1) **abdomen** pain, (2) insect **abdomen**

The weightlifter used his strong **abdomen** muscles to lift the heavy barbell.

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.

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.

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.

mummy

n. a body of a human or animal that has been preserved, typically by being embalmed and wrapped in linen or other material

synonym: corpse, remains

(1) **mummy** tomb, (2) ancient Egyptian **mummy**

The well-preserved **mummy** was discovered in an ancient tomb in the desert.

encompass

v. to surround or cover something completely; to include a large number of or different types of things entirely

synonym: surround, encircle, include

(1) **encompass** a broad range, (2) **encompass** the enemy

The optimal solution that would **encompass** all these

elements has yet to be proposed.

- pep** *n.* energy, enthusiasm, or liveliness; (verb) to give someone energy, enthusiasm, or liveliness
synonym: energy, enthusiasm, liveliness
(1) **pep** me up, (2) have a lot of **peps**
The coach gave a **pep** talk to the team before the game to boost their spirits.
- ornamental** *adj.* describing something that is intended to be decorative or add beauty; serving as a decoration or adornment
synonym: decorative, embellished, fancy
(1) **ornamental** ironwork, (2) **ornamental** design
The garden is filled with **ornamental** plants and flowers.
- amplify** *v.* to enhance something, particularly sound or brightness
synonym: intensify, boost, argument
(1) **amplify** a signal, (2) **amplify** the effect
You might need to **amplify** this point.
- proliferate** *v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
synonym: multiply, spread, propagate
(1) **proliferate** cells, (2) **proliferate** weeds
The number of COVID cases continued to **proliferate** in many countries worldwide.
- strawberry** *n.* a sweet, juicy fruit with a reddish color, a seeded surface, and a green, leafy top
(1) the **strawberry** pie, (2) **strawberry** greenhouse
He had a **strawberry** smoothie for breakfast.
- amplification** *n.* the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
synonym: enlargement, expansion, intensification
(1) **amplification** system, (2) sound **amplification**

The political debate was an **amplification** of the candidates' views on key issues.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep
I'm so sorry to **disrupt** you when you're pretty busy.

hectare

n. a unit of area equal to 10,000 square meters

(1) **hectare** land, (2) housing per **hectare**

The farm spans over 100 **hectares** of land.

rift

n. a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces

synonym : split, break, gap

(1) **rift** between friends, (2) geological **rift**

Their disagreement caused a **rift** in their friendship.

grandparent

n. a parent of one's father or mother

(1) great- **grandparent**, (2) person of **grandparent** age

She was close to her paternal **grandparents** and often spent summers with them.

grandchild

n. a child of someone's son or daughter

synonym : offspring, descendant, progeny

(1) **grandchild-grandparent** relationship, (2) **grandchild** development

The grandparents take care of their **grandchild** while the parents are at work.

petrify

v. to turn to stone; to make hard and unyielding

synonym : fossilize, mineralize, calcify

(1) **petrify** with fear, (2) **petrify** into stone

The thought of public speaking will **petrify** her.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

conserve

v. to protect something, especially the natural environment or culture, from change, damage, or destruction

synonym : preserve, save, maintain

(1) means to **conserve** energy, (2) **conserve** coal resources

Children must be taught to **conserve** our natural environment.

secondly

adv. used to introduce the second point or item in a list or series of statements, considerations, etc.

synonym : in the second place, next, subsequently

(1) **secondly** connected, (2) **secondly**, it is important

Firstly, we will discuss the budget; **secondly**, we will go over the schedule.

Session 2: Spelling

1. hi____us tea *n.* a flowering plant with large, colorful flowers that are often used in the production of tea and jam
2. c__g a filter *v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
3. sa_____e desire *v.* to satisfy or fulfill an appetite or desire completely; to fill or gratify to excess; to quench or extinguish a thirst or hunger
4. pe_____y into stone *v.* to turn to stone; to make hard and unyielding
5. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
6. ac_____ic leaps *adj.* relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile, flexible, and graceful
7. ap__d infestation *n.* a tiny insect that feeds on the sap of plants and can cause damage or diseases to plants, often found in large colonies
8. a casting m__d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 1. hibiscus, 2. clog, 3. satiate, 4. petrify, 5. industrious, 6. acrobatic, 7. aphid, 8. mold

9. sh____l up due to drought *v.* to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time
10. st____e the background of the portrait *v.* to create a pattern or texture on a surface by applying a series of small dots or marks; to paint or draw using a technique of dotting or dapping
11. orn____al design *adj.* describing something that is intended to be decorative or add beauty; serving as a decoration or adornment
12. desiccated co____e *n.* the dead body of a human being
13. di____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
14. made a great ma____er *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
15. 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
16. str____ry greenhouse *n.* a sweet, juicy fruit with a reddish color, a seeded surface, and a green, leafy top
17. a cu____er face mask *n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable

ANSWERS: 9. shrivel, 10. stipple, 11. ornamental, 12. corpse, 13. disrupt, 14. maneuver, 15. larva, 16. strawberry, 17. cucumber

18. house dust m__e *n.* a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals
19. apex pr____or *n.* an animal whose natural behavior is to prey on others
20. colorful fo____e *n.* the leaves of a plant or tree, especially in large quantities or as seen from a distance; natural greenery, often used for decorative purposes
21. brood-pa_____ic bird *adj.* living off another organism to the detriment of the host
22. means to co____ve energy *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
23. ab____n pain *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
24. great-gra_____nt *n.* a parent of one's father or mother
25. zo____y professor *n.* the scientific study of animals, including their classification, habits, behavior, physiology, and evolution
26. m__d allergy *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 18. mite, 19. predator, 20. foliage, 21. parasitic, 22. conserve, 23. abdomen, 24. grandparent, 25. zoology, 26. mold

27. a long sl____r leaf *adj.* thin and delicate, often in an attractive way
28. ma____y the danger *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
29. in____t a heavier tax *v.* to cause harm, injury, or suffering to someone or something
30. insect ab____n *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
31. ent____gy book *n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
32. sa____e thirst *v.* to satisfy or fulfill an appetite or desire completely; to fill or gratify to excess; to quench or extinguish a thirst or hunger
33. 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
34. spr____me blooms *n.* the season of the year between winter and summer, typically associated with the blooming of flowers, growth of plants, and milder weather
35. ac____ic skills *adj.* relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile, flexible, and graceful

ANSWERS: 27. slender, 28. magnify, 29. inflict, 30. abdomen, 31. entomology, 32. satiate, 33. wasp, 34. springtime, 35. acrobatic

36. sh____l in the sun *v.* to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time
37. mu__y tomb *n.* a body of a human or animal that has been preserved, typically by being embalmed and wrapped in linen or other material
38. several varieties of cu_____ers *n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable
39. su____y treat *adj.* having the taste, texture, or appearance of sugar; excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere
40. pro_____te weeds *v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
41. ma____y the image for display *v.* to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
42. water ny__h *n.* (in Greek and Roman mythology) a minor female nature deity typically associated with a particular location or landform
43. housing per he_____e *n.* a unit of area equal to 10,000 square meters
44. no_____s substances *adj.* harmful or poisonous to living beings; having an unpleasant or offensive smell or taste; causing intense or unpleasant emotions or feelings

ANSWERS: 36. shrivel, 37. mummy, 38. cucumber, 39. sugary, 40. proliferate, 41. magnify, 42. nymph, 43. hectare, 44. noxious

45. hi____us extract *n.* a flowering plant with large, colorful flowers that are often used in the production of tea and jam
46. black s__t *n.* a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire
47. co____ve coal resources *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
48. the str____ry pie *n.* a sweet, juicy fruit with a reddish color, a seeded surface, and a green, leafy top
49. di____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
50. blood-sucking pa____te *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
51. amp____ion system *n.* the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
52. par____sis in insects *n.* a form of asexual reproduction in which an unfertilized egg develops into a new individual without the need for sperm, commonly found in some species of plants, invertebrates, and in rare cases, vertebrates

ANSWERS: 45. hibiscus, 46. soot, 47. conserve, 48. strawberry, 49. disrupt, 50. parasite, 51. amplification, 52. parthenogenesis

53. 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
54. the co___e of an animal *n.* the dead body of a human being
55. par_____id larva *n.* an organism that lives in or on another organism, called the host, and ultimately kills it
56. he_____e land *n.* a unit of area equal to 10,000 square meters
57. am_____y a signal *v.* to enhance something, particularly sound or brightness
58. sound amp_____ion *n.* the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
59. fu___s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
60. ny__h of the woods *n.* (in Greek and Roman mythology) a minor female nature deity typically associated with a particular location or landform
61. a moth la__a *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
62. am_____y the effect *v.* to enhance something, particularly sound or brightness

ANSWERS: 53. wasp, 54. corpse, 55. parasitoid, 56. hectare, 57. amplify, 58. amplification, 59. fungus, 60. nymph, 61. larva, 62. amplify

63. gra_____ld-grandparent relationship *n.* a child of someone's son or daughter
64. person of gra_____nt age *n.* a parent of one's father or mother
65. geological r__t *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
66. se_____ly, it is important *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
67. 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
68. excessively su_____y *adj.* having the taste, texture, or appearance of sugar; excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere
69. ent_____gy lab *n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
70. no_____s gas *adj.* harmful or poisonous to living beings; having an unpleasant or offensive smell or taste; causing intense or unpleasant emotions or feelings
71. p_p me up *n.* energy, enthusiasm, or liveliness; (verb) to give someone energy, enthusiasm, or liveliness
72. en_____ss the enemy *v.* to surround or cover something completely; to include a large number of or different types of things entirely

ANSWERS: 63. grandchild, 64. grandparent, 65. rift, 66. secondly, 67. hatch, 68. sugary, 69. entomology, 70. noxious, 71. pep, 72. encompass

73. have a lot of p_ps *n.* energy, enthusiasm, or liveliness; (verb) to give someone energy, enthusiasm, or liveliness
74. ap__d control *n.* a tiny insect that feeds on the sap of plants and can cause damage or diseases to plants, often found in large colonies
75. se_____ly connected *adv.* used to introduce the second point or item in a list or series of statements, considerations, etc.
76. par_____id insect *n.* an organism that lives in or on another organism, called the host, and ultimately kills it
77. en_____ss a broad range *v.* to surround or cover something completely; to include a large number of or different types of things entirely
78. ancient Egyptian mu__y *n.* a body of a human or animal that has been preserved, typically by being embalmed and wrapped in linen or other material
79. a pr_____ry bird *adj.* living by eating other animals, especially by catching prey that is still alive
80. spr_____me breeze *n.* the season of the year between winter and summer, typically associated with the blooming of flowers, growth of plants, and milder weather
81. political ma_____ers *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

ANSWERS: 73. pep, 74. aphid, 75. secondly, 76. parasitoid, 77. encompass, 78. mummy, 79. predatory, 80. springtime, 81. maneuver

82. pro_____te cells *v.* to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
83. gra_____ld development *n.* a child of someone's son or daughter
84. pi____e a mystery *v.* to cut or make a way through with a sharp instrument
85. s__t-covered walls *n.* a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire
86. se_____e mucus *v.* to produce and discharge a substance, such as a hormone or glandular secretion; to conceal or hide something
87. ind_____us student *adj.* hardworking, diligent, and persistent in effort
88. ho_____ew excretion *n.* a type of sugary excretion produced by aphids and other insects and collected by bees to make honey; a type of sweet, juicy melon
89. orn_____al ironwork *adj.* describing something that is intended to be decorative or add beauty; serving as a decoration or adornment
90. in_____t a hard blow *v.* to cause harm, injury, or suffering to someone or something
91. pr_____ry warfare *adj.* living by eating other animals, especially by catching prey that is still alive
92. c__g artery *v.* to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something

ANSWERS: 82. proliferate, 83. grandchild, 84. pierce, 85. soot, 86. secrete, 87. industrious, 88. honeydew, 89. ornamental, 90. inflict, 91. predatory, 92. clog

93. pe____y with fear *v.* to turn to stone; to make hard and unyielding
94. sexual pr____ors *n.* an animal whose natural behavior is to prey on others
95. 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
96. par_____sis reproduction *n.* a form of asexual reproduction in which an unfertilized egg develops into a new individual without the need for sperm, commonly found in some species of plants, invertebrates, and in rare cases, vertebrates
97. pa_____ic relationship *adj.* living off another organism to the detriment of the host
98. st____e a drawing *v.* to create a pattern or texture on a surface by applying a series of small dots or marks; to paint or draw using a technique of dotting or dapping
99. r__t between friends *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
100. autumn fo____e *n.* the leaves of a plant or tree, especially in large quantities or as seen from a distance; natural greenery, often used for decorative purposes
101. ripe ho____ew *n.* a type of sugary excretion produced by aphids and other insects and collected by bees to make honey; a type of sweet, juicy melon

ANSWERS: 93. petrify, 94. predator, 95. hatch, 96. parthenogenesis, 97. parasitic, 98. stipple, 99. rift, 100. foliage, 101. honeydew

102. se_____e enzymes *v.* to produce and discharge a substance, such as a hormone or glandular secretion; to conceal or hide something
103. symbiotic fu____s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
104. pi____e the armored shells *v.* to cut or make a way through with a sharp instrument
105. zo____y book *n.* the scientific study of animals, including their classification, habits, behavior, physiology, and evolution
106. a m__e of evidence *n.* a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals
107. sl____r body *adj.* thin and delicate, often in an attractive way
108. pa____te disease *n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense

ANSWERS: 102. secrete, 103. fungus, 104. pierce, 105. zoology, 106. mite, 107. slender, 108. parasite

Session 3: Fill in the Blanks

1. She's studying _____ at university and hopes to work at a zoo someday.
n. the scientific study of animals, including their classification, habits, behavior, physiology, and evolution
2. He had a _____ smoothie for breakfast.
n. a sweet, juicy fruit with a reddish color, a seeded surface, and a green, leafy top
3. The domesticated cat still has its _____ instincts.
adj. living by eating other animals, especially by catching prey that is still alive
4. In this class, we learn the basic _____ of the plane.
n. a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
5. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
6. The _____ fumes from the factory were causing health problems for nearby residents.
adj. harmful or poisonous to living beings; having an unpleasant or offensive smell or taste; causing intense or unpleasant emotions or feelings
7. 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

ANSWERS: 1. zoology, 2. strawberry, 3. predatory, 4. maneuver, 5. industrious, 6. noxious, 7. wasp

8. The weightlifter used his strong _____ muscles to lift the heavy barbell.
- n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
9. I like to slice _____ and put it on my sandwiches.
- n.* a long and green fruit with thin skin and crisp, refreshing flesh, typically eaten as a vegetable
10. The vibrant _____ on the vines made the winery look even more beautiful.
- n.* the leaves of a plant or tree, especially in large quantities or as seen from a distance; natural greenery, often used for decorative purposes
11. He has a _____ income.
- adj.* thin and delicate, often in an attractive way
12. Children must be taught to _____ our natural environment.
- v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
13. The _____ infestation in the old house was a serious problem for the residents.
- n.* a tiny arachnid-like creature that is related to ticks and spiders and often lives as a parasite on plants or animals
14. The grapes _____ in the heat, making them inedible.
- v.* to dry up and shrink or wither due to lack of moisture or nourishment; to become smaller or less significant over time
15. The police found the _____ in the abandoned building.
- n.* the dead body of a human being

ANSWERS: 8. abdomen, 9. cucumber, 10. foliage, 11. slender, 12. conserve, 13. mite, 14. shriveled, 15. corpse

16. The glands in the body _____ hormones that regulate various bodily functions.
- v.* to produce and discharge a substance, such as a hormone or glandular secretion; to conceal or hide something
17. The museum offered a guided tour of its _____ exhibit featuring various insects.
- n.* the scientific study of insects, including their physical characteristics, life cycles, behaviors, and relationships with other organisms in their environment
18. I'm so sorry to _____ you when you're pretty busy.
- v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
19. The political debate was an _____ of the candidates' views on key issues.
- n.* the process of increasing the volume or intensity of something; the expansion or elaboration of a concept or idea
20. I love going for walks in the park during _____.
- n.* the season of the year between winter and summer, typically associated with the blooming of flowers, growth of plants, and milder weather
21. The optimal solution that would _____ all these elements has yet to be proposed.
- v.* to surround or cover something completely; to include a large number of or different types of things entirely
22. I avoid eating _____ foods to maintain a healthy diet.
- adj.* having the taste, texture, or appearance of sugar; excessively sweet or cloying; overly sentimental or flattering in a way that seems insincere

ANSWERS: 16. secrete, 17. entomology, 18. disrupt, 19. amplification, 20. springtime, 21. encompass, 22. sugary

23. Firstly, we will discuss the budget; _____ we will go over the schedule.
adv. used to introduce the second point or item in a list or series of statements, considerations, etc.
24. The sweet _____ melon was a perfect addition to the fruit salad.
n. a type of sugary excretion produced by aphids and other insects and collected by bees to make honey; a type of sweet, juicy melon
25. The native South American animals were in danger because of the _____ arrival.
n. an animal whose natural behavior is to prey on others
26. The _____ plant was able to survive by stealing nutrients from its host.
adj. living off another organism to the detriment of the host
27. The number of COVID cases continued to _____ in many countries worldwide.
v. to grow or increase rapidly in number; to reproduce or spread rapidly, especially in an uncontrolled manner
28. The coach gave a ____ talk to the team before the game to boost their spirits.
n. energy, enthusiasm, or liveliness; (verb) to give someone energy, enthusiasm, or liveliness
29. The farm spans over 100 _____ of land.
n. a unit of area equal to 10,000 square meters
30. The grandparents take care of their _____ while the parents are at work.
n. a child of someone's son or daughter

ANSWERS: 23. secondly, 24. honeydew, 25. predator's, 26. parasitic, 27. proliferate, 28. pep, 29. hectares, 30. grandchild

31. Certain types of _____ can be toxic to humans, causing severe illness if ingested.
- n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
32. _____ 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
33. The fire left a layer of _____ on everything in the room.
- n.* a black, powdery substance that is produced by the incomplete burning of a material such as coal, wood, or oil and is often found on surfaces near the source of the fire
34. Tapeworms are _____ that live in the intestines of humans and animals.
- n.* an organism that lives on or in another organism and benefits by deriving nutrients at the other's expense
35. The well-preserved _____ was discovered in an ancient tomb in the desert.
- n.* a body of a human or animal that has been preserved, typically by being embalmed and wrapped in linen or other material
36. Their disagreement caused a _____ in their friendship.
- n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
37. When applying makeup, some techniques require you to _____ foundation onto the skin using a special brush.
- v.* to create a pattern or texture on a surface by applying a series of small dots or marks; to paint or draw using a technique of dotting or dapping

ANSWERS: 31. fungus, 32. Parasitoid, 33. soot, 34. parasites, 35. mummy, 36. rift, 37. stipple

38. Terrorists often attempt to _____ the economic impact of their acts of destruction.
- v. to make something look bigger than it really is, especially by looking at it through a lens; to make something bigger, stronger, or louder
39. The _____ were eating all the leaves of my tomato plants.
- n. a tiny insect that feeds on the sap of plants and can cause damage or diseases to plants, often found in large colonies
40. 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
41. She was close to her paternal _____ and often spent summers with them.
- n. a parent of one's father or mother
42. The drain was _____ with hair and needed to be cleaned out.
- v. to obstruct or block up (a passage, pipe, or system) with an accumulation of thick or sticky matter; to impede or hinder the progress or movement of something
43. The thought of public speaking will _____ her.
- v. to turn to stone; to make hard and unyielding
44. Mushrooms and _____ are fungi.
- n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 38. magnify, 39. aphids, 40. hatch, 41. grandparents, 42. clogged, 43. petrify, 44. mold

45. The storm _____ significant damage on the town.
v. to cause harm, injury, or suffering to someone or something
46. The garden is filled with _____ plants and flowers.
adj. describing something that is intended to be decorative or add beauty; serving as a decoration or adornment
47. Some species of lizards and insects are capable of _____.
n. a form of asexual reproduction in which an unfertilized egg develops into a new individual without the need for sperm, commonly found in some species of plants, invertebrates, and in rare cases, vertebrates
48. The _____ performance was breathtaking and left the audience in awe.
adj. relating to or involving gymnastic or athletic feats performed with agility, balance, and coordination; agile, flexible, and graceful
49. The bright red _____ flowers added a pop of color to the garden.
n. a flowering plant with large, colorful flowers that are often used in the production of tea and jam
50. 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
51. Eating a healthy and balanced meal can _____ hunger and provide essential nutrients for the body.
v. to satisfy or fulfill an appetite or desire completely; to fill or gratify to excess; to quench or extinguish a thirst or hunger
52. The extreme cold _____ our bones.
v. to cut or make a way through with a sharp instrument

ANSWERS: 45. inflicted, 46. ornamental, 47. parthenogenesis, 48. acrobatic, 49. hibiscus, 50. larva, 51. satiate, 52. pierced

53. You might need to _____ this point.

v. to enhance something, particularly sound or brightness

54. The sea _____ were said to lure sailors with their seductive voices.

n. (in Greek and Roman mythology) a minor female nature deity typically associated with a particular location or landform

ANSWERS: 53. amplify, 54. nymphs