

# Englist.me



## Vocabulary Builder Reference from...

Lauren Sallan: A brief tour of the last 4 billion years

(dinosaurs not included) | TED Talk

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### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### paleontology

*n.* the study of fossils and the history of life on Earth

*synonym*: fossilology, prehistoric biology

(1) vertebrate **paleontology**, (2) **paleontology** museum

My interest in **paleontology** research began when I visited a natural history museum and saw a display of fossils from the Jurassic period.

### dinosaur

*n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

*synonym*: reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

### gawk

*v.* to stare in a rude, awkward, or uncomplimentary way; to gape or stare open-mouthed at something

*synonym*: stare, gaze, gape

(1) **gawk** at the scenery, (2) **gawk** in disbelief

The tourists couldn't help but **gawk** at the magnificent architecture of the old cathedral.

### ancestor

*n.* a person from whom one is descended; a forefather

*synonym*: forebear, forefather, progenitor

(1) **ancestor** language, (2) earliest human **ancestor**  
My remote **ancestor** immigrated to the United States from Ireland in the 1800s.

## **meme**

*n.* a cultural idea, value, or pattern of behavior that is passed from one generation to another by imitation rather than genetic means; (as an Internet meme) an image, a video, a piece of text, etc. that is remixed, copied, and circulated in a shared cultural experience online

*synonym* : buzzword, trend

(1) pronounce **meme**, (2) religious **meme**

This cute dog's photo spread around the world as an Internet **meme**.

## **wreck**

*n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident

*synonym* : collapse, destruction, devastation

(1) the house was a **wreck**, (2) a worthless **wreck**

The divers accidentally discovered a **wreck** on the ocean floor.

## **infect**

*v.* to affect a person, an animal, or a plant with a disease-causing organism

*synonym* : pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

## **microbe**

*n.* a tiny living thing that can only be seen with a microscope and that may cause disease

*synonym* : germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

**Microbes** thrive on the surface of the human skin.

## **glacier**

*n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole

*synonym* : iceberg, ice floe

(1) **glacier** retreat, (2) **glaciers** move tardily

The **glaciers** of the ice age have shaped Fjord.

## multicellular

*adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

*synonym* : multicedled, many-celled, complex

(1) **multicellular** tissues, (2) **multicellular** life

**Multicellular** organisms are composed of many specialized cells working together.

## lobster

*n.* a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming

*synonym* : crustacean, crawfish, crayfish

(1) **lobster** dinner, (2) fresh **lobster**

The restaurant served a delicious **lobster**, steamed to perfection.

## grasping

*adj.* eager in acquiring or wanting to acquire more wealth, property, or power than is necessary

*synonym* : greedy, extorting, acquisitive

(1) **grasping** landlord, (2) **grasping** disposition

He was criticized for his **grasping** attitude, always looking for ways to make more money.

## armored

*adj.* protected by armor or reinforced with metal plates or other heavy materials

*synonym* : fortified, protected, shielded

(1) **armored** vehicle, (2) **armored** suit

The **armored** tank could withstand the enemy's attacks without any damage.

## wriggle

*v.* to twist and turn with quick, writhing motions; to move in a twisting or contorting manner

*synonym* : squirm, jerk, twist

(1) **wriggle** free, (2) **wriggle** in surprise

The child started to **wriggle** out of their seatbelt during the long car ride.

## clam

*n.* a marine mollusk that burrows and lives on sand or mud, the shell closes with viselike firmness

(1) giant **clam**, (2) shuck a **clam**

The **clam** digs through the sand to a significant depth.

## seafloor

*n.* the bottom of the ocean

*synonym*: ocean floor, benthic zone, abyssal plain

(1) **seafloor** exploration, (2) **seafloor** mapping

The oceanographer studied the **seafloor** topography to understand how it had changed over time.

## tadpole

*n.* the aquatic larval stage of a frog or toad, characterized by a long tail and gills for breathing underwater

*synonym*: polliwog, froglet, girssle

(1) **tadpole** stage, (2) **tadpole** development

I saw a **tadpole** swimming in the pond during my morning walk.

## flit

*v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect

*synonym*: flutter, dart, skim

(1) **flit** away into the darkness, (2) **flit** from place to place

The butterfly would **flit** from flower to flower, collecting nectar.

## coastline

*n.* the particular shape of the coast (= the shore of a sea or ocean) as seen from the sea

*synonym*: shoreline, seashore, beach

(1) **coastline** erosion, (2) deeply indented **coastline**

The new resort was built along the **coastline**, offering stunning ocean views from every room.

**eel** *n.* a type of elongated, snake-like fish that lives in freshwater or saltwater and has a slimy, scaleless body and no pelvic fins

(1) glass **eel**, (2) electric **eel**

The fisherman caught a slippery **eel** while out on the lake.

**gnash** *v.* to grind or strike one's teeth together in anger, frustration, or pain

*synonym*: grind, gnaw, crunch

(1) **gnash** your teeth in frustration, (2) **gnash** in anger

The toddler began to **gnash** his teeth when his mother took the toy away.

**kraken** *n.* a legendary sea monster of enormous size and strength, typically described as having multiple arms or tentacles

*synonym*: giant squid, sea monster

(1) **kraken** mythology, (2) giant **kraken**

The legendary **kraken** was said to have the ability to sink ships.

**scorpion** *n.* a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a venomous sting

*synonym*: arachnid, stinger

(1) **scorpion** fish, (2) poisonous **scorpion**

The **scorpion's** venom can be lethal to humans.

**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.

## 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.

## invade

*v.* to enter aggressively into another's territory by military force for conquest and occupation

*synonym* : intrude, raid, overrun

(1) **invade** other tissues, (2) **invade** his privacy

I have no intention to **invade** your privacy.

## prong

*n.* a pointed projecting part, typically one of two or more, on a fork or other implement; a projecting pointed part of an antler (= branched structure that grows from the head of most male deer and some female deer)

*synonym* : fork, tine, branch

(1) **prong** hook, (2) the **prong** on the electrical outlet

The fork had a sharp **prong** for skewering meat.

## snail

*n.* a slow-moving mollusk with a spiral shell that it uses to protect its body

*synonym* : escargot, slug, whelk

(1) **snail** mail, (2) **snail** pace

The gardener found a **snail** slowly making its way through the lettuce patch.

## descendant

*n.* children or offspring of a specific person, plant, or animal

*synonym* : child, offspring, heir

(1) **descendant** of a pioneer, (2) third-generation

**descendant**

Those warriors' **descendants** are still skilled archers.

## plankton

*n.* tiny forms of plant and animal life that live in water or air on which other animals feed

(1) **plankton** blooms, (2) **plankton** community

**Plankton** is generally the foundation of the ocean food chain.

## sprout

*v.* to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly

*synonym* : germinate, grow, bud

(1) **sprout** seeds, (2) **sprout** wings

The flowers in the garden began to **sprout** after the first rain of the season.

## spore

*n.* a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae

*synonym* : seed, reproductive cell, particle

(1) anthrax **spore**, (2) **spore** reproduction

Bacteria and some algae also produce **spores** as a means of survival and dispersal, and they are often found in soil, water, and other environments.

## lily

*n.* a flowering plant with large, showy, trumpet-shaped flowers, typically symbolizing purity, innocence, and beauty

(1) **lily** perfume, (2) water **lily**

The beautiful **lily** garden in the park was a sight to behold.

## bony

*adj.* characterized by a prominent, visible bone structure; lacking flesh or muscle; thin, scrawny

*synonym* : emaciated, gaunt, skeletal

(1) **bony** fingers, (2) **bony** structure

She complained of a **bony** lump on her ankle that made walking difficult.

## angelfish

*n.* a tropical freshwater or saltwater fish with a flattened, disc-shaped body, a rounded head, and elongated fins, typically brightly colored and often kept as a pet in aquariums

(1) **angelfish** aquarium, (2) freshwater **angelfish**

The colors of the **angelfish** in the aquarium were stunningly beautiful.

## millipede

*n.* a long, segmented, many-legged arthropod with two pairs of legs per body segment; a slow-moving, herbivorous, or omnivorous invertebrate found in many habitats around the world

*synonym* : centipede, arthropod, insect

(1) **millipede** infestation, (2) garden **millipede**

The children marveled at the long line of **millipedes** marching across the forest floor.

## supercontinent

*n.* a large landmass that is formed by the collision and merging of several smaller continents and which then eventually breaks apart again due to tectonic forces

*synonym* : Pangaea, Rodinia, Gondwana

(1) **supercontinent** cycle, (2) **supercontinent** formation

Through a process known as plate tectonics, **supercontinents** have formed and broken apart multiple times over Earth's history.

## vertebrate

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

*synonym* : animal, chordate, backboned

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

The presence of a backbone is a defining characteristic of **vertebrate** animals.

## alligator

*n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China

*synonym* : crocodile, caiman, gator

(1) **alligator** habitat, (2) **alligator** watch strap

**Alligator** skin is used to make purses, boots, and other luxury goods.

## amphibian

*n.* a cold-blooded animal that can live both on land and in water

*synonym* : frog, toad, salamander

(1) **amphibian** species, (2) **amphibian** habitat



Scientists are concerned about the rapid decline in **amphibian** populations around the world.

### saber

*n.* a type of sword with a curved blade, typically used in cavalry or fencing

*synonym*: sword, cutlass, blade

(1) **saber** fencing, (2) ceremonial **saber**

The military commander drew his **saber** and shouted orders to the troops.

### mammal

*n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

(1) a primitive **mammal**, (2) a sort of **mammal**

Marine **mammal** populations are declining worldwide due to ocean pollution.

### volcano

*n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.

*synonym*: mount, peak, crater

(1) **volcano** alert level, (2) active **volcano**

The island was formed by a **volcano** millions of years ago.

### erupt

*v.* (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently

*synonym*: eject, emit, burst

(1) **erupt** in anger, (2) **erupt** into tears

Battles between whites and blacks **erupted** immediately.

### tusk

*n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging

*synonym*: ivory, tush, horn

(1) **tusk** of an elephant, (2) **tusk-like** tooth

The ivory poacher was arrested for possession of illegal **tusks**.

## gallop

*v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly

*synonym* : canter, race, bound

(1) **gallop** a horse, (2) **gallop** off at top speed

The horse **galloped** across the field at a fast pace.

## crocodile

*n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats

*synonym* : alligator, gator, croc

(1) **crocodile** hide, (2) saltwater **crocodile**

The **crocodile** attack left the villagers in a state of shock and fear

## reptile

*n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

*synonym* : lizard, serpent, snake

(1) **reptile** exhibition, (2) fossil **reptile**

Alligators are a type of **reptile** that live in swamps and rivers.

## raft

*n.* a flat structure, usually made of logs or planks, that can be used for transport or as a platform for swimmer

*synonym* : flatboat, boat, barge

(1) a **raft** for carrying horses, (2) a life **raft**

The rubber **raft** was swept out to sea.

## urchin

*n.* a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines

*synonym* : mischief, waif, guttersnipe

(1) **urchin** child, (2) street **urchin**

The young boy was an **urchin** wandering the streets without a home.

## ammonite

*n.* (also "ammonoid") a type of prehistoric marine animal that lived during the Jurassic and Cretaceous periods

characterized by their spiral shape and intricate chambered shells, which are often preserved as fossils

*synonym* : fossil, shell, cephalopod

(1) **ammonite** shell, (2) ancient **ammonite**

A group of paleontologists discovered an **ammonite** fossil on their latest dig.

## lava

*n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material

*synonym* : molten rock, magma, volcanic rock

(1) **lava** flow, (2) molten **lava**

The volcano's eruption caused a **lava** river to flow down the mountainside.

## spew

*v.* to eject forcefully and abundantly; to flow out rapidly and in large amounts

*synonym* : vomit, spout, discharge

(1) **spew** carbon dioxide, (2) **spew** insults

The volcano started to **spew** lava and ash, causing panic among residents.

## algae

*n.* A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

**Algae** has jammed the inlet to the water turbine.

## stingray

*n.* a marine fish with a flattened diamond-shaped body, a long tail bearing venomous spines, and large pectoral fins that are used for swimming

*synonym* : sting fish

(1) **stingray** habitat, (2) blue-spotted **stingray**

The tour guide warned us not to step on a hidden **stingray** in the shallow water.

## smashing

*adj.* very successful or impressive; causing something to be broken or destroyed

*synonym* : great, wonderful, breaking

(1) a **smashing** blow, (2) give **smashing** results

The band's new album was a **smashing** success, reaching the top of the charts.

## 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.

## pollinate

*v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others

*synonym* : fertilize, propagate

(1) **pollinate** plants, (2) **pollinate** fruit trees

Without bees to **pollinate** the flowers, many crops would not exist.

## asteroid

*n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

*synonym* : minor planet, planetoid, rocky planetesimal

(1) **asteroid** mining, (2) **asteroid** explorer

Scientists are studying the composition and origins of the **asteroid** belt to understand the early solar system better.

## arctic

*adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold

*synonym* : cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**

Cold temperatures and long, dark winters characterize the **arctic** climate.

## 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.

## frolic

*v.* to play and move around happily and energetically

*synonym* : play, romp, gambol

(1) **frolic** underwater, (2) **frolic** with friends

Children **frolicked** in the park on a sunny day.

## otter

*n.* a semiaquatic mammal with a sleek, streamlined body, short legs, webbed feet, and dense, soft fur, found in and around freshwater and coastal areas

(1) **otter** in the river, (2) sea- **otter** fur

The playful **otter** swam around the river, diving in and out of the water.

## hyena

*n.* a carnivorous mammal with a distinctive laugh-like vocalization, known for scavenging and hunting in packs

*synonym* : jackal, coyote, wild dog

(1) **hyena** den, (2) spotted **hyena**

The **hyena's** powerful jaws and teeth enable it to crush bones and devour its prey.

## carnivore

*n.* an animal that primarily eats meat as opposed to plant matter

*synonym* : predator, meat-eater, hunter

(1) **carnivore** diet, (2) hungry **carnivore**

A lion is a typical **carnivore**, as they mainly eat meat.

## rhinoceros

*n.* (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.

*synonym* : rhino, horned beast, pachyderm

(1) **rhinoceros** habitat, (2) white **rhinoceros**

The baby **rhinoceros** at the wildlife sanctuary was recently

born and is very cute.

## rodent

*n.* a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail

*synonym* : mouse, rat, hamster

(1) **rodent** repellent, (2) prevent **rodent** damage

He set up a trap to catch the **rodent**.

## ape

*n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons

*synonym* : monkey, primate, simian

(1) jungle **ape**, (2) play the **ape**

The scientist studied the behavior of **apes** in the wild.

## savannah

*n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

*synonym* : grassland, plain

(1) **savannah** region, (2) tropical **savannah**

The birds live in tropical forests, **savannahs**, and arid semi-desert environments.

## isotope

*n.* a variation of an element that has the same number of protons in its nucleus but a different number of neutrons, resulting in a different atomic mass and often different physical or chemical properties

*synonym* : variant, nuclide, radioisotope

(1) radioactive **isotope**, (2) stable **isotope**

The **isotope** carbon-14 is commonly used in radiocarbon dating of fossils.

## Session 2: Spelling

1. fr\_\_\_c underwater  
*v.* to play and move around happily and energetically
2. hy\_\_a den  
*n.* a carnivorous mammal with a distinctive laugh-like vocalization, known for scavenging and hunting in packs
3. sp\_\_\_t wings  
*v.* to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly
4. st\_\_\_\_\_ay habitat  
*n.* a marine fish with a flattened diamond-shaped body, a long tail bearing venomous spines, and large pectoral fins that are used for swimming
5. pr\_\_\_\_\_ry warfare  
*adj.* living by eating other animals, especially by catching prey that is still alive
6. ver\_\_\_\_\_te biology  
*adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
7. ga\_\_\_p a horse  
*v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly
8. vo\_\_\_\_\_o alert level  
*n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.

ANSWERS: 1. frolic, 2. hyena, 3. sprout, 4. stingray, 5. predatory, 6. vertebrate, 7. gallop, 8. volcano

9. sn\_\_l pace *n.* a slow-moving mollusk with a spiral shell that it uses to protect its body
10. am\_\_\_\_te shell *n.* (also "ammonoid") a type of prehistoric marine animal that lived during the Jurassic and Cretaceous periods characterized by their spiral shape and intricate chambered shells, which are often preserved as fossils
11. ar\_\_\_\_d suit *adj.* protected by armor or reinforced with metal plates or other heavy materials
12. gr\_\_\_\_ng landlord *adj.* eager in acquiring or wanting to acquire more wealth, property, or power than is necessary
13. mul\_\_\_\_\_\_lar life *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
14. fresh lo\_\_\_\_r *n.* a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming
15. the house was a wr\_\_k *n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
16. pr\_\_g hook *n.* a pointed projecting part, typically one of two or more, on a fork or other implement; a projecting pointed part of an antler (= branched structure that grows from the head of most male deer and some female deer)
17. al\_\_\_\_or watch strap *n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China

ANSWERS: 9. snail, 10. ammonite, 11. armored, 12. grasping, 13. multicellular, 14. lobster, 15. wreck, 16. prong, 17. alligator



18. vertebrate pal\_\_\_\_\_ogy *n.* the study of fossils and the history of life on Earth
19. earliest human an\_\_\_\_\_or *n.* a person from whom one is descended; a forefather
20. t\_\_k-like tooth *n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging
21. in\_\_\_e his privacy *v.* to enter aggressively into another's territory by military force for conquest and occupation
22. electric e\_l *n.* a type of elongated, snake-like fish that lives in freshwater or saltwater and has a slimy, scaleless body and no pelvic fins
23. a primitive ma\_\_\_\_l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
24. the muscle tissue of a ver\_\_\_\_\_te *adj.* relating to animals that have a backbone or spinal column, such as mammals, birds, reptiles, amphibians, and fish
25. ancient am\_\_\_\_te *n.* (also "ammonoid") a type of prehistoric marine animal that lived during the Jurassic and Cretaceous periods characterized by their spiral shape and intricate chambered shells, which are often preserved as fossils
26. anthrax sp\_\_e *n.* a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae

ANSWERS: 18. paleontology, 19. ancestor, 20. tusk, 21. invade, 22. eel, 23. mammal, 24. vertebrate, 25. ammonite, 26. spore

27. tropical sa\_\_\_\_ah *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
28. po\_\_\_\_\_te fruit trees *v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
29. er\_\_t in anger *v.* (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
30. blue al\_\_e *n.* A simple plant that grows in or near water and lacks typical leaves and roots
31. s\_\_w carbon dioxide *v.* to eject forcefully and abundantly; to flow out rapidly and in large amounts
32. sn\_\_l mail *n.* a slow-moving mollusk with a spiral shell that it uses to protect its body
33. wr\_\_\_\_\_e free *v.* to twist and turn with quick, writhing motions; to move in a twisting or contorting manner
34. al\_\_\_\_\_or habitat *n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China
35. ceremonial sa\_\_r *n.* a type of sword with a curved blade, typically used in cavalry or fencing
36. sa\_\_\_\_ah region *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

ANSWERS: 27. savannah, 28. pollinate, 29. erupt, 30. algae, 31. spew, 32. snail, 33. wriggle, 34. alligator, 35. saber, 36. savannah

37. deeply indented co\_\_\_\_\_ne                      *n.* the particular shape of the coast (= the shore of a sea or ocean) as seen from the sea
38. g\_\_k in disbelief                                      *v.* to stare in a rude, awkward, or uncomplimentary way; to gape or stare open-mouthed at something
39. sexual pr\_\_\_\_\_ors                                *n.* an animal whose natural behavior is to prey on others
40. giant c\_\_m    *n.* a marine mollusk that burrows and lives on sand or mud, the shell closes with viselike firmness
41. high ar\_\_\_\_c    *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
42. fr\_\_\_\_c with friends                                *v.* to play and move around happily and energetically
43. water l\_\_y    *n.* a flowering plant with large, showy, trumpet-shaped flowers, typically symbolizing purity, innocence, and beauty
44. des\_\_\_\_\_nt of a pioneer                        *n.* children or offspring of a specific person, plant, or animal
45. op\_\_\_\_\_ne occasion                              *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
46. in\_\_\_\_e other tissues                                *v.* to enter aggressively into another's territory by military force for conquest and occupation
47. ta\_\_\_\_\_e development                         *n.* the aquatic larval stage of a frog or toad, characterized by a long tail and gills for breathing underwater

ANSWERS: 37. coastline, 38. gawk, 39. predator, 40. clam, 41. arctic, 42. frolic, 43. lily, 44. descendant, 45. opportune, 46. invade, 47. tadpole

48. sup\_\_\_\_\_ent cycle *n.* a large landmass that is formed by the collision and merging of several smaller continents and which then eventually breaks apart again due to tectonic forces
49. 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
50. se\_\_\_\_\_or mapping *n.* the bottom of the ocean
51. hulking di\_\_\_\_\_ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
52. b\_\_\_y fingers *adj.* characterized by a prominent, visible bone structure; lacking flesh or muscle; thin, scrawny
53. a sort of ma\_\_\_l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
54. pl\_\_\_\_\_on blooms *n.* tiny forms of plant and animal life that live in water or air on which other animals feed
55. l\_\_\_y perfume *n.* a flowering plant with large, showy, trumpet-shaped flowers, typically symbolizing purity, innocence, and beauty
56. sp\_\_\_t seeds *v.* to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly

ANSWERS: 48. supercontinent, 49. fungus, 50. seafloor, 51. dinosaur, 52. bony, 53. mammal, 54. plankton, 55. lily, 56. sprout

57. re\_\_\_\_\_e exhibition *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
58. religious m\_\_e *n.* a cultural idea, value, or pattern of behavior that is passed from one generation to another by imitation rather than genetic means; (as an Internet meme) an image, a video, a piece of text, etc. that is remixed, copied, and circulated in a shared cultural experience online
59. ro\_\_\_\_t repellent *n.* a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail
60. apex pr\_\_\_\_\_or *n.* an animal whose natural behavior is to prey on others
61. an\_\_\_\_\_or language *n.* a person from whom one is descended; a forefather
62. al\_\_e biofuel *n.* A simple plant that grows in or near water and lacks typical leaves and roots
63. saltwater cr\_\_\_\_\_le *n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
64. pal\_\_\_\_\_ogy museum *n.* the study of fossils and the history of life on Earth
65. hungry ca\_\_\_\_\_re *n.* an animal that primarily eats meat as opposed to plant matter
66. co\_\_\_\_\_ne erosion *n.* the particular shape of the coast (= the shore of a sea or ocean) as seen from the sea

ANSWERS: 57. reptile, 58. meme, 59. rodent, 60. predator, 61. ancestor, 62. algae, 63. crocodile, 64. paleontology, 65. carnivore, 66. coastline

67. gl\_\_\_\_rs move tardily *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
68. molten l\_\_a *n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material
69. stable is\_\_\_\_e *n.* a variation of an element that has the same number of protons in its nucleus but a different number of neutrons, resulting in a different atomic mass and often different physical or chemical properties
70. sa\_\_r fencing *n.* a type of sword with a curved blade, typically used in cavalry or fencing
71. am\_\_\_\_an species *n.* a cold-blooded animal that can live both on land and in water
72. as\_\_\_\_id mining *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
73. gn\_\_h your teeth in frustration *v.* to grind or strike one's teeth together in anger, frustration, or pain
74. s\_\_w insults *v.* to eject forcefully and abundantly; to flow out rapidly and in large amounts
75. gr\_\_\_\_ng disposition *adj.* eager in acquiring or wanting to acquire more wealth, property, or power than is necessary
76. a life r\_\_t *n.* a flat structure, usually made of logs or planks, that can be used for transport or as a platform for swimmer

ANSWERS: 67. glacier, 68. lava, 69. isotope, 70. saber, 71. amphibian, 72. asteroid, 73. gnash, 74. spew, 75. grasping, 76. raft

77. po\_\_\_\_\_te plants      *v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
78. play the a\_e      *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
79. the pr\_\_g on the electrical outlet      *n.* a pointed projecting part, typically one of two or more, on a fork or other implement; a projecting pointed part of an antler (= branched structure that grows from the head of most male deer and some female deer)
80. mi\_\_\_\_\_es sterilizer      *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
81. prevent ro\_\_\_t damage      *n.* a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail
82. gl\_\_\_\_\_r retreat      *n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
83. shuck a c\_\_m      *n.* a marine mollusk that burrows and lives on sand or mud, the shell closes with viselike firmness
84. an op\_\_\_\_\_ne remark      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 77. pollinate, 78. ape, 79. prong, 80. microbe, 81. rodent, 82. glacier, 83. clam, 84. opportune

85. sc\_\_\_\_\_on fish *n.* a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a venomous sting
86. di\_\_\_\_\_ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
87. l\_\_a flow *n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material
88. in\_\_\_\_t a computer with a virus *v.* to affect a person, an animal, or a plant with a disease-causing organism
89. ta\_\_\_\_\_e stage *n.* the aquatic larval stage of a frog or toad, characterized by a long tail and gills for breathing underwater
90. pathogenic mi\_\_\_\_\_e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
91. ca\_\_\_\_\_re diet *n.* an animal that primarily eats meat as opposed to plant matter
92. fossil re\_\_\_\_\_e *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
93. a pr\_\_\_\_\_ry bird *adj.* living by eating other animals, especially by catching prey that is still alive
94. as\_\_\_\_\_id explorer *n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter

ANSWERS: 85. scorpion, 86. dinosaur, 87. lava, 88. infect, 89. tadpole, 90. microbe, 91. carnivore, 92. reptile, 93. predatory, 94. asteroid



95. poisonous sc\_\_\_\_on *n.* a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a venomous sting
96. spotted hy\_\_a *n.* a carnivorous mammal with a distinctive laugh-like vocalization, known for scavenging and hunting in packs
97. rhi\_\_\_\_\_os habitat *n.* (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.
98. wr\_\_\_\_\_e in surprise *v.* to twist and turn with quick, writhing motions; to move in a twisting or contorting manner
99. give sm\_\_\_\_\_ng results *adj.* very successful or impressive; causing something to be broken or destroyed
100. third-generation des\_\_\_\_\_nt *n.* children or offspring of a specific person, plant, or animal
101. ar\_\_\_\_\_d vehicle *adj.* protected by armor or reinforced with metal plates or other heavy materials
102. freshwater an\_\_\_\_\_sh *n.* a tropical freshwater or saltwater fish with a flattened, disc-shaped body, a rounded head, and elongated fins, typically brightly colored and often kept as a pet in aquariums
103. blue-spotted st\_\_\_\_\_ay *n.* a marine fish with a flattened diamond-shaped body, a long tail bearing venomous spines, and large pectoral fins that are used for swimming
104. sea-ot\_\_r fur *n.* a semiaquatic mammal with a sleek, streamlined body, short legs, webbed feet, and dense, soft fur, found in and around freshwater and coastal areas

ANSWERS: 95. scorpion, 96. hyena, 97. rhinoceros, 98. wriggle, 99. smashing, 100. descendant, 101. armored, 102. angelfish, 103. stingray, 104. otter

105. sup\_\_\_\_\_ent formation *n.* a large landmass that is formed by the collision and merging of several smaller continents and which then eventually breaks apart again due to tectonic forces
106. mul\_\_\_\_\_lar tissues *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
107. sp\_\_e reproduction *n.* a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae
108. street ur\_\_\_n *n.* a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines
109. mi\_\_\_\_\_de infestation *n.* a long, segmented, many-legged arthropod with two pairs of legs per body segment; a slow-moving, herbivorous, or omnivorous invertebrate found in many habitats around the world
110. pl\_\_\_\_\_on community *n.* tiny forms of plant and animal life that live in water or air on which other animals feed
111. garden mi\_\_\_\_\_de *n.* a long, segmented, many-legged arthropod with two pairs of legs per body segment; a slow-moving, herbivorous, or omnivorous invertebrate found in many habitats around the world

ANSWERS: 105. supercontinent, 106. multicellular, 107. spore, 108. urchin, 109. millipede, 110. plankton, 111. millipede

112. jungle a\_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
113. f\_\_t from place to place *v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect
114. er\_\_t into tears *v.* (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
115. active vo\_\_\_\_o *n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.
116. a worthless wr\_\_k *n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
117. ot\_\_r in the river *n.* a semiaquatic mammal with a sleek, streamlined body, short legs, webbed feet, and dense, soft fur, found in and around freshwater and coastal areas
118. g\_\_k at the scenery *v.* to stare in a rude, awkward, or uncomplimentary way; to gape or stare open-mouthed at something
119. f\_\_t away into the darkness *v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect

ANSWERS: 112. ape, 113. flit, 114. erupt, 115. volcano, 116. wreck, 117. otter, 118. gawk, 119. flit

120. gn\_\_h in anger *v.* to grind or strike one's teeth together in anger, frustration, or pain
121. ar\_\_\_c ice *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
122. an\_\_\_\_\_sh aquarium *n.* a tropical freshwater or saltwater fish with a flattened, disc-shaped body, a rounded head, and elongated fins, typically brightly colored and often kept as a pet in aquariums
123. ga\_\_\_p off at top speed *v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly
124. a r\_\_t for carrying horses *n.* a flat structure, usually made of logs or planks, that can be used for transport or as a platform for swimmer
125. lo\_\_\_\_\_r dinner *n.* a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming
126. glass e\_l *n.* a type of elongated, snake-like fish that lives in freshwater or saltwater and has a slimy, scaleless body and no pelvic fins
127. a sm\_\_\_\_\_ng blow *adj.* very successful or impressive; causing something to be broken or destroyed
128. se\_\_\_\_\_or exploration *n.* the bottom of the ocean
129. am\_\_\_\_\_an habitat *n.* a cold-blooded animal that can live both on land and in water
130. giant kr\_\_\_n *n.* a legendary sea monster of enormous size and strength, typically described as having multiple arms or tentacles

ANSWERS: 120. gnash, 121. arctic, 122. angelfish, 123. gallop, 124. raft, 125. lobster, 126. eel, 127. smashing, 128. seafloor, 129. amphibian, 130. kraken

131. in\_\_\_t other animal species      *v.* to affect a person, an animal, or a plant with a disease-causing organism
132. b\_\_y structure      *adj.* characterized by a prominent, visible bone structure; lacking flesh or muscle; thin, scrawny
133. cr\_\_\_\_\_le hide      *n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
134. kr\_\_\_n mythology      *n.* a legendary sea monster of enormous size and strength, typically described as having multiple arms or tentacles
135. 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
136. radioactive is\_\_\_\_\_e      *n.* a variation of an element that has the same number of protons in its nucleus but a different number of neutrons, resulting in a different atomic mass and often different physical or chemical properties
137. ur\_\_\_n child      *n.* a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines
138. t\_\_k of an elephant      *n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging

ANSWERS: 131. infect, 132. bony, 133. crocodile, 134. kraken, 135. fungus, 136. isotope, 137. urchin, 138. tusk

139. white rhi\_\_\_\_\_os

*n.* (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.

140. pronounce m\_\_e

*n.* a cultural idea, value, or pattern of behavior that is passed from one generation to another by imitation rather than genetic means; (as an Internet meme) an image, a video, a piece of text, etc. that is remixed, copied, and circulated in a shared cultural experience online

ANSWERS: 139. rhinoceros, 140. meme

## Session 3: Fill in the Blanks

1. The rubber \_\_\_\_\_ was swept out to sea.
  - n.* a flat structure, usually made of logs or planks, that can be used for transport or as a platform for swimmer
  
2. Scientists are concerned about the rapid decline in \_\_\_\_\_ populations around the world.
  - n.* a cold-blooded animal that can live both on land and in water
  
3. The \_\_\_\_\_ attack left the villagers in a state of shock and fear
  - n.* a large, carnivorous reptile with powerful jaws and a long, scaly body; native to tropical regions and often found in rivers and freshwater habitats
  
4. Scientists are studying the composition and origins of the \_\_\_\_\_ belt to understand the early solar system better.
  - n.* a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
  
5. The ivory poacher was arrested for possession of illegal \_\_\_\_\_.
  - n.* a long, pointed tooth, usually found in animals such as elephants, walruses, or wild boars, which protrudes from the mouth and is used as a weapon or for digging
  
6. He set up a trap to catch the \_\_\_\_\_.
  - n.* a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail
  
7. The butterfly would \_\_\_\_\_ from flower to flower, collecting nectar.
  - v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect

ANSWERS: 1. raft, 2. amphibian, 3. crocodile, 4. asteroid, 5. tusks, 6. rodent, 7. flit

8. The new resort was built along the \_\_\_\_\_ offering stunning ocean views from every room.
- n.* the particular shape of the coast (= the shore of a sea or ocean) as seen from the sea
9. Through a process known as plate tectonics, \_\_\_\_\_ have formed and broken apart multiple times over Earth's history.
- n.* a large landmass that is formed by the collision and merging of several smaller continents and which then eventually breaks apart again due to tectonic forces
10. The birds live in tropical forests, \_\_\_\_\_ and arid semi-desert environments.
- n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
11. The child started to \_\_\_\_\_ out of their seatbelt during the long car ride.
- v.* to twist and turn with quick, writhing motions; to move in a twisting or contorting manner
12. Marine \_\_\_\_\_ populations are declining worldwide due to ocean pollution.
- n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
13. The oceanographer studied the \_\_\_\_\_ topography to understand how it had changed over time.
- n.* the bottom of the ocean
14. The horse \_\_\_\_\_ across the field at a fast pace.
- v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly

ANSWERS: 8. coastline, 9. supercontinents, 10. savannahs, 11. wriggle, 12. mammal, 13. seafloor, 14. galloped



15. The colors of the \_\_\_\_\_ in the aquarium were stunningly beautiful.  
*n.* a tropical freshwater or saltwater fish with a flattened, disc-shaped body, a rounded head, and elongated fins, typically brightly colored and often kept as a pet in aquariums
16. The toddler began to \_\_\_\_\_ his teeth when his mother took the toy away.  
*v.* to grind or strike one's teeth together in anger, frustration, or pain
17. The \_\_\_\_\_ powerful jaws and teeth enable it to crush bones and devour its prey.  
*n.* a carnivorous mammal with a distinctive laugh-like vocalization, known for scavenging and hunting in packs
18. The \_\_\_\_\_ carbon-14 is commonly used in radiocarbon dating of fossils.  
*n.* a variation of an element that has the same number of protons in its nucleus but a different number of neutrons, resulting in a different atomic mass and often different physical or chemical properties
19. The fork had a sharp \_\_\_\_\_ for skewering meat.  
*n.* a pointed projecting part, typically one of two or more, on a fork or other implement; a projecting pointed part of an antler (= branched structure that grows from the head of most male deer and some female deer)
20. The legendary \_\_\_\_\_ was said to have the ability to sink ships.  
*n.* a legendary sea monster of enormous size and strength, typically described as having multiple arms or tentacles
21. The band's new album was a \_\_\_\_\_ success, reaching the top of the charts.  
*adj.* very successful or impressive; causing something to be broken or destroyed

ANSWERS: 15. angelfish, 16. gnash, 17. hyena's, 18. isotope, 19. prong, 20. kraken, 21. smashing

22. The domesticated cat still has its \_\_\_\_\_ instincts.

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

23. \_\_\_\_\_ has jammed the inlet to the water turbine.

*n.* A simple plant that grows in or near water and lacks typical leaves and roots

24. She complained of a \_\_\_\_\_ lump on her ankle that made walking difficult.

*adj.* characterized by a prominent, visible bone structure; lacking flesh or muscle; thin, scrawny

25. The phone rang at the most \_\_\_\_\_ time.

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

26. My remote \_\_\_\_\_ immigrated to the United States from Ireland in the 1800s.

*n.* a person from whom one is descended; a forefather

27. Those warriors' \_\_\_\_\_ are still skilled archers.

*n.* children or offspring of a specific person, plant, or animal

28. The \_\_\_\_\_ digs through the sand to a significant depth.

*n.* a marine mollusk that burrows and lives on sand or mud, the shell closes with viselike firmness

29. The flowers in the garden began to \_\_\_\_\_ after the first rain of the season.

*v.* to grow or develop new parts typically leaves or shoots, from a plant; to emerge, develop, or arise gradually or suddenly

30. Bacteria and some algae also produce \_\_\_\_\_ as a means of survival and dispersal, and they are often found in soil, water, and other environments.

*n.* a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae

ANSWERS: 22. predatory, 23. Algae, 24. bony, 25. opportune, 26. ancestor, 27. descendants, 28. clam, 29. sprout, 30. spores

31. The gardener found a \_\_\_\_\_ slowly making its way through the lettuce patch.  
*n.* a slow-moving mollusk with a spiral shell that it uses to protect its body
32. The native South American animals were in danger because of the \_\_\_\_\_ arrival.  
*n.* an animal whose natural behavior is to prey on others
33. This cute dog's photo spread around the world as an Internet \_\_\_\_\_.  
*n.* a cultural idea, value, or pattern of behavior that is passed from one generation to another by imitation rather than genetic means; (as an Internet meme) an image, a video, a piece of text, etc. that is remixed, copied, and circulated in a shared cultural experience online
34. \_\_\_\_\_ thrive on the surface of the human skin.  
*n.* a tiny living thing that can only be seen with a microscope and that may cause disease
35. The divers accidentally discovered a \_\_\_\_\_ on the ocean floor.  
*n.* a ship that has sunk or has been destroyed; a vehicle that has been badly damaged in an accident
36. The beautiful \_\_\_\_\_ garden in the park was a sight to behold.  
*n.* a flowering plant with large, showy, trumpet-shaped flowers, typically symbolizing purity, innocence, and beauty
37. The island was formed by a \_\_\_\_\_ millions of years ago.  
*n.* a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are or have been erupted from the earth's crust.

ANSWERS: 31. snail, 32. predator's, 33. meme, 34. Microbes, 35. wreck, 36. lily, 37. volcano

38. The children marveled at the long line of \_\_\_\_\_ marching across the forest floor.

- n.* a long, segmented, many-legged arthropod with two pairs of legs per body segment; a slow-moving, herbivorous, or omnivorous invertebrate found in many habitats around the world

39. I have no intention to \_\_\_\_\_ your privacy.

- v.* to enter aggressively into another's territory by military force for conquest and occupation

40. He was criticized for his \_\_\_\_\_ attitude, always looking for ways to make more money.

- adj.* eager in acquiring or wanting to acquire more wealth, property, or power than is necessary

41. The tourists couldn't help but \_\_\_\_\_ at the magnificent architecture of the old cathedral.

- v.* to stare in a rude, awkward, or uncomplimentary way; to gape or stare open-mouthed at something

42. A lion is a typical \_\_\_\_\_ as they mainly eat meat.

- n.* an animal that primarily eats meat as opposed to plant matter

43. The presence of a backbone is a defining characteristic of \_\_\_\_\_ animals.

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

44. Without bees to \_\_\_\_\_ the flowers, many crops would not exist.

- v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others

ANSWERS: 38. millipedes, 39. invade, 40. grasping, 41. gawk, 42. carnivore, 43. vertebrate, 44. pollinate

45. The volcano's eruption caused a \_\_\_\_\_ river to flow down the mountainside.
- n.* molten rock that has been extruded from a volcano and solidified; a highly fluid, highly heated substance or material
46. 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
47. The fisherman caught a slippery \_\_\_\_\_ while out on the lake.
- n.* a type of elongated, snake-like fish that lives in freshwater or saltwater and has a slimy, scaleless body and no pelvic fins
48. Children \_\_\_\_\_ in the park on a sunny day.
- v.* to play and move around happily and energetically
49. Alligators are a type of \_\_\_\_\_ that live in swamps and rivers.
- n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
50. \_\_\_\_\_ is generally the foundation of the ocean food chain.
- n.* tiny forms of plant and animal life that live in water or air on which other animals feed
51. The baby \_\_\_\_\_ at the wildlife sanctuary was recently born and is very cute.
- n.* (also rhino) a large, thick-skinned mammal with one or two horns on the nose, typically found in Africa and Asia.

ANSWERS: 45. lava, 46. fungus, 47. eel, 48. frolicked, 49. reptile, 50. Plankton, 51. rhinoceros

52. The \_\_\_\_\_ venom can be lethal to humans.  
*n.* a small creature similar to an insect with a segmented body, a pair of pincers, and a long, thin tail that ends in a venomous sting
53. The \_\_\_\_\_ of the ice age have shaped Fjord.  
*n.* a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
54. Battles between whites and blacks \_\_\_\_\_ immediately.  
*v.* (of a volcano) to become active and eject rocks, smoke, etc.; to start abruptly and violently
55. \_\_\_\_\_ skin is used to make purses, boots, and other luxury goods.  
*n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China
56. The restaurant served a delicious \_\_\_\_\_ steamed to perfection.  
*n.* a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming
57. The volcano started to \_\_\_\_\_ lava and ash, causing panic among residents.  
*v.* to eject forcefully and abundantly; to flow out rapidly and in large amounts
58. \_\_\_\_\_ organisms are composed of many specialized cells working together.  
*adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
59. The \_\_\_\_\_ tank could withstand the enemy's attacks without any damage.  
*adj.* protected by armor or reinforced with metal plates or other heavy materials

ANSWERS: 52. scorpion's, 53. glaciers, 54. erupted, 55. Alligator, 56. lobster, 57. spew, 58. Multicellular, 59. armored

60. The young boy was an \_\_\_\_\_ wandering the streets without a home.  
*n.* a poor and mischievous young child, usually living on the street or in a disadvantaged community; a small, spiny marine animal with a round body and long, pointed spines
61. The military commander drew his \_\_\_\_\_ and shouted orders to the troops.  
*n.* a type of sword with a curved blade, typically used in cavalry or fencing
62. I saw a \_\_\_\_\_ swimming in the pond during my morning walk.  
*n.* the aquatic larval stage of a frog or toad, characterized by a long tail and gills for breathing underwater
63. The tour guide warned us not to step on a hidden \_\_\_\_\_ in the shallow water.  
*n.* a marine fish with a flattened diamond-shaped body, a long tail bearing venomous spines, and large pectoral fins that are used for swimming
64. The playful \_\_\_\_\_ swam around the river, diving in and out of the water.  
*n.* a semiaquatic mammal with a sleek, streamlined body, short legs, webbed feet, and dense, soft fur, found in and around freshwater and coastal areas
65. My interest in \_\_\_\_\_ research began when I visited a natural history museum and saw a display of fossils from the Jurassic period.  
*n.* the study of fossils and the history of life on Earth
66. Children often \_\_\_\_\_ parents with this head cold.  
*v.* to affect a person, an animal, or a plant with a disease-causing organism
67. Cold temperatures and long, dark winters characterize the \_\_\_\_\_ climate.  
*adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold

ANSWERS: 60. urchin, 61. saber, 62. tadpole, 63. stingray, 64. otter, 65. paleontology, 66. infect, 67. arctic

68. The discovery of a new \_\_\_\_\_ species made headlines in the scientific community.
- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
69. The scientist studied the behavior of \_\_\_\_\_ in the wild.
- n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
70. A group of paleontologists discovered an \_\_\_\_\_ fossil on their latest dig.
- n.* (also "ammonoid") a type of prehistoric marine animal that lived during the Jurassic and Cretaceous periods characterized by their spiral shape and intricate chambered shells, which are often preserved as fossils

ANSWERS: 68. dinosaur, 69. apes, 70. ammonite