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Vocabulary Builder Reference from...

Charles Wallace: When you're an ant but also a fungus tycoon | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

ancient

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

synonym: archaic, age-old, obsolete

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

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

tale

n. a story made up in someone's imagination, especially one full of action and adventure

synonym: canard, fiction, fable

(1) a fairy **tale**, (2) **tale** of horror

Ghosts in folk **tales** are almost always malicious.

unfurl

v. to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed

synonym: unfold, expand, spread out

(1) **unfurl** my banner, (2) **unfurl** the sails

The flag slowly **unfurled** in the wind atop the flagpole.

involve

v. to include or affect someone or something as a necessary part of something else

synonym: implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

soon-to-be

adj. used to describe someone or something that will soon become something else or will soon be in a different state or position

synonym: upcoming, imminent, future

(1) **soon-to-be** parents, (2) **soon-to-be** graduates

The **soon-to-be** bride was busy planning all the details of her upcoming wedding.

ant

n. a very small insect that lives under the ground or in a mound in highly organized groups

synonym: pismire, insect

(1) a white **ant**, (2) **ant** bite

We can find many large **ant** mounds in this area.

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.

scoop

n. a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else

synonym: ladle, spoon, dipper

(1) a **scoop** of ice cream, (2) **scoop** of news

The company's marketing team worked hard to get the **scoop** on what their target audience wanted.

cockroach

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

synonym: roach

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

Cockroaches sometimes cause allergic reactions in humans.

nestle

v. to settle comfortably or cozily into a place

synonym: snuggle, cuddle, curl up

(1) **nestle** deeper against him, (2) **nestle** in a cozy spot

The cat **nestled** in my lap and fell asleep.

threaten

v. to utter intentions of injury or punishment against someone

synonym: endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

flap

n. a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion

synonym: winged object, cover, (verb) flutter

(1) the **flap** of wings, (2) **flap** out a candle

The **flap** of the tent was open, letting in the fresh air.

frenzy

n. a state of wild, uncontrolled excitement or activity, often characterized by chaotic or irrational behavior

synonym: frenetic, commotion, tumult

(1) **frenzy** of activity, (2) buying **frenzy**

The shoppers were **frenzy** to get the best deals on Black Friday.

sperm

n. the reproductive cell produced by a man or male animal

synonym: seed, semen, seminal fluid

(1) man with a low **sperm** count, (2) production of **sperm**

The male **sperm** fertilizes the female egg.

midair

n. some point in the air; above ground level

(1) a **midair** collision, (2) thrown out into **midair**

She flawlessly performed a **midair** somersault.

shed

v. to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage

synonym: discard, drop, cast off

(1) **shed** an old skin, (2) a cow **shed**

He **shed** a secret tear when he heard the news of his friend's death.

excavate

v. to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something

synonym: dig, unearth, extract

(1) **excavate** a deep hole, (2) **excavate** soil

The archaeologists **excavated** the ruins of an ancient city buried under the desert sands.

tunnel

n. an underground or underwater passage, typically for trains or cars

synonym: passageway, underground passage

(1) **tunnel** construction work, (2) **tunnel** disease

The workers had to dig through solid rock to create the vehicular **tunnel** allowing the cars to pass through the mountain.

chamber

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

synonym: association, cabin, legislature

(1) a gas **chamber**, (2) the lower **chamber**

The surgeon made an incision in the **chambers** of the patient's heart.

seal

- v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

synonym: enclose, shut, close

(1) **seal** a hole, (2) a fur **seal**

He **sealed** the letter with hot wax.

regurgitate

- v.* to bring back partially digested food from the stomach to the mouth; to repeat or recite something without understanding or adding anything new or original

synonym: repeat, echo, restate

(1) **regurgitate** food, (2) **regurgitate** information

The biology student had to **regurgitate** all the material she had learned for the final exam.

pile

- n.* a collection of objects positioned one on top of another; a large sum of something, such as money

synonym: accumulation, heap, stack

(1) a sand **pile**, (2) the height of a **pile**

After the party, they had to clean up **piles** of dirty dishes.

puke

- v.* to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred

synonym: vomit, hurl, upchuck

(1) **puke** my guts, (2) **puke** in the toilet

The smell of rotting food made him **puke** in disgust.

bedrock

- n.* the solid rock underlying soil or alluvium

synonym: foundation, foundation stone, base

(1) **bedrock** foundation, (2) **bedrock** geology

The **bedrock** beneath the soil is extremely solid and stable.

kingdom

- n.* the country ruled by a king or queen

synonym: empire, realm, land

(1) establish his **kingdom**, (2) a subordinate **kingdom**

By remaining neutral, this **kingdom** continued to exist.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

infertile

adj. unable to grow crops or sustain life; not able to produce offspring or offspring that are viable

synonym: barren, sterile, unproductive

(1) **infertile** woman, (2) **infertile** land

The soil in the desert is **infertile**, making it difficult to grow crops.

fertilize

v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

synonym: pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

feces

n. waste matter eliminated from the bowels; excrement

synonym: poop, stool, excrement

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

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

fin

n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

synonym: flipper, appendage, stabilizer

(1) back **fin**, (2) a **fin** of a plane

The shark's powerful **fins** allowed it to swim at high speeds.

offspring

n. descendant; any immature animal or plant

synonym: children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

surge

n. a sudden and great increase of something, such as a feeling, the amount or number, etc.

synonym: rush, spate, deluge

(1) a **surge** of shoppers, (2) the **surge** in foreign tourism
She drowned her **surge** of anger through her creative work.

rhythm

n. a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing

synonym: beat, cadence, tempo

(1) in samba **rhythm**, (2) irregular heart **rhythm**
He beat out a jazz **rhythm** on the cajones.

nest

n. a structure in which animals lay their eggs or give birth to their young

synonym: roost, perch, burrow

(1) bird's **nest**, (2) a **nest** of thieves
The female birds build a **nest** and lay their eggs in May.

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.

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym: prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

mandible

- n.* the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect

synonym: jawbone, bone, maxilla

- (1) broken **mandible**, (2) insect **mandible**

The dentist inspected the patient's **mandible** during the routine check-up.

anchor

- n.* a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability

synonym: mainstay, ballast, backbone

- (1) **anchor** bolt, (2) **anchor** weight

The ship dropped **anchor** in the bay.

chomp

- v.* to bite or chew something with forceful, aggressive, or heavy movements of the jaws or teeth

synonym: bite, munch, crunch

- (1) **chomp** into an apple, (2) **chomp** on meat

I love to **chomp** on crunchy snacks like chips and pretzels.

arc

- n.* the shape of a portion of a circle or other curved line

synonym: turn, bow, angle

- (1) the **arc** current, (2) an **arc** of a circumference

A ball flew in a big **arc**.

aloft

adv. in the air; at a high place

synonym: elevated, high, soaring

- (1) go **aloft**, (2) carried **aloft** by police

The hot air balloon rose **aloft** into the sky, giving the passengers a breathtaking countryside view.

weigh

- v.* to have a particular weight; to carefully evaluate things before making a conclusion

synonym: consider, cogitate, count

- (1) **weigh** heavily on stock prices, (2) **weigh** a cargo

The baby **weighs** 1 pound 3 oz.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym: abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

march

v. to walk militarily with stiff, regular steps

synonym: parade

(1) **march** against the war, (2) **march** east

The troops **marched** shoulder-to-shoulder.

colony

n. a country or an area that is governed by a more powerful country that is often far away

synonym: settlement, territory, plantation

(1) plant a **colony**, (2) a **colony** of bacteria

The **colony** declared its independence and became a republic.

fragment

n. a small piece or part broken off or detached

synonym: piece, shard, segment

(1) **fragment** of a text, (2) a broken **fragment**

The archaeologist carefully pieced together the tiny **fragments** of pottery found at the dig site.

debris

n. broken or torn fragments of something

synonym: remains, remnants, garbage

(1) space **debris**, (2) pile of **debris**

Marine **debris** is a major continuous global problem.

pathogen

n. a bacterium, virus, or other microorganism that causes disease

synonym: germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air
mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

morsel

n. a small piece or fragment, particularly of food; a small, tasty, or pleasing bit of something

synonym: bit, bite, fragment

(1) mouth-watering **morsel**, (2) tiny **morsel**

I only had a small **morsel** of cake while trying to watch my weight.

sustain

v. to supply enough of what somebody or something needs to survive or exist; to accept as valid

synonym: maintain, nurture, support

(1) **sustain** a good relationship with him, (2) **sustain** a wellness lifestyle

She struggled to **sustain** the children's reading habits.

domesticate

v. to take control of animals or plants to provide food, power, or company

synonym: tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant

We **domesticate** cows to gain milk and meat.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym: output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

genetically

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

synonym: hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

distinct

adj. noticeable from something else of a similar type

synonym: different, special, characteristic

(1) **distinct** difference, (2) **distinct** from each other

It is essential to keep these two issues **distinct**.

relative

adj. considered and evaluated through comparison with something else

synonym: comparative, proximate, congeneric

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

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

survive

v. to live or exist despite a dangerous event or period

synonym: endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

reciprocal

adj. given or felt by each toward the other; mutual; corresponding or interchangeable

synonym: mutual, complementary, supplemental

(1) have a **reciprocal** respect, (2) **reciprocal** actions

Their relationship was based on **reciprocal** love and respect for each other.

essential

adj. indispensable; fundamental

synonym: critical, crucial, basic

(1) **essential** amino acid, (2) **essential** commodities of life

Trial and error is an **essential** part of education.

amino

n. compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein

(1) **amino** compound, (2) **amino** acid

This company was granted a patent for its **amino** resin manufacturing process.

acid

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

synonym : sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

digestive

adj. relating to or capable of causing or promoting digestion of food

(1) **digestive** juices, (2) a **digestive** enzyme

A nutritious diet improves **digestive** functions.

enzyme

n. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

synonym : catalyst, activator, accelerator

(1) **enzyme** reaction, (2) lack of digestive **enzymes**

A deficiency in the **enzyme** can lead to a medical condition.

spoil

v. to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad

synonym : rot, decay, deteriorate

(1) **spoil** a person's sport, (2) **spoil** the surprise

If you leave the milk out of the refrigerator for too long, it will **spoil**.

crush

v. to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller

synonym : destroy, demolish, pulverize

(1) **crush** coffee beans, (2) **crush** a revolt

The car was completely **crushed** in the accident.

tirelessly

adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort

synonym: inexhaustibly, indefatigably, unceasingly

(1) dedicated **tirelessly**, (2) **tirelessly** help out

She worked **tirelessly** for hours to finish her project on time.

trail

n. a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

synonym: footpath, track, course

(1) a warm **trail**, (2) follow the **trail**

The storm left a **trail** of destruction behind it.

stretch

v. to make or be capable of making anything longer or broader without hurting or breaking

synonym: lengthen, prolong, extend

(1) **stretch** along the coast, (2) **stretch** a story

Some herds have been observed to **stretch** hundreds of kilometers.

perfume

n. a liquid that emits and diffuses a pleasant smell, usually used on the skin

synonym: scent, aroma, bouquet

(1) a subtle **perfume**, (2) **perfume** every day

He sniffed the **perfume** voluptuously.

pheromone

n. a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species

synonym: scent, odor, aroma

(1) **pheromone** trail, (2) sexual **pheromone**

The perfume industry often uses synthetic **pheromones** to enhance their products' appeal.

constantly

adv. all the time

synonym: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly**

varying mind

The mobile application industry is **constantly** changing.

highway

n. a main road, especially one connecting major towns or cities

synonym: road, expressway, freeway

(1) **highway** system, (2) an interstate **highway**

I'm going to take the **highway** to get to my destination faster.

entourage

n. a group of people who attend or surround an important and influential person

synonym: retinue

(1) presidential **entourage**, (2) member of his **entourage**

The politician and his **entourage** arrived half an hour late.

nourish

v. to provide a person, an animal, or plant with food to make them grow and stay healthy

synonym: feed, sustain, nurture

(1) **nourish** damaged skin, (2) **nourish** hope

The mother used her breast milk to **nourish** the baby.

enclosure

n. a wall, fence, or other barriers that surround an area, keeping it separate and protected

synonym: compartment, partition, wall

(1) the **enclosure** of a city, (2) **enclosure** gate

The **enclosure** held several exotic animals, including lions and tigers.

garbage

n. waste material, especially food waste and kitchen refuse

synonym: waste, trash, debris

(1) **garbage** collection, (2) lump of **garbage**

The **garbage** truck will be coming to pick up the trash every Monday morning.

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.

prune

n. a dried plum that has a black, wrinkled appearance;
v. (verb) to cut off branches from a tree, bush, or plant,
especially to encourage growth

synonym: (verb) trim, (verb) cut back

(1) **prune** a branch, (2) wrinkle like a **prune**

You should remove the seeds from the **prunes** before cooking.

stimulate

v. to encourage something to develop or become more active; to stir the feelings or emotions

synonym: excite, provoke, arouse

(1) **stimulate** the economy, (2) **stimulate** the nervous system

The book **stimulated** my imagination.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym: approach, procedure, scenario

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

Our plan includes a comprehensive marketing **strategy**.

humidity

n. the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature

synonym: moisture, dampness, wetness

(1) uncomfortable **humidity**, (2) **humidity** sensor

The **humidity** in the tropical forest was so high that it was hard to breathe.

origin

n. the first existence or beginning of something

synonym: root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

creep

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

synonym: crawl, glide, encroach

(1) **creep** along the leaf, (2) **creep** toward the mouse

Aging **creeps** up slowly with time.

opportunistic

adj. making use of a current situation to get power or advantage, especially regardless of planning or principle

synonym: timeserving, conciliatory

(1) **opportunistic** fungus, (2) **opportunistic** behavior

Many of the party's members joined for simply **opportunistic** reasons.

hitch

v. to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle

synonym: fasten, jerk, tether

(1) **hitch** a ride, (2) **hitch** up my trousers

The mechanics **hitched** the trailer to the broken-down car.

undercover

adj. carried out or conducted in secret, with one's true identity or purpose concealed; disguised, incognito

synonym: covert, hidden, stealthy

(1) **undercover** operation, (2) **undercover** journalist

The **undercover** police officer was able to gather crucial evidence without being detected.

mimic

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

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

scent

n. a distinctive smell, especially a pleasant one

synonym: fragrance, aroma, perfume

(1) natural **scent**, (2) **scent** memory

The **scent** of freshly baked bread filled the bakery.

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.

undetected

adj. not perceived or discovered

synonym: undiscovered, hidden, concealed

(1) **undetected** cancer, (2) leave the house **undetected**

Doctors made mistakes, and diseases remained **undetected**.

antagonist

n. a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group

synonym: opponent, rival, adversary

(1) arch-nemesis **antagonist**, (2) literary **antagonist**

The **antagonist** in the movie is a corrupt government official who obstructed the protagonist's mission.

rear

adj. at, toward, or near the back part of something; (verb) to look after a child until it is an adult

synonym: back, end, behind

(1) the **rear** gate, (2) **rear** children

The player quickly went to the **rear** side of the defender.

virulent

adj. extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile

synonym: poisonous, venomous, toxic

(1) **virulent** disease, (2) **virulent** criticism

The **virulent** virus spread rapidly through the close-knit

community.

elusive

adj. difficult to find, define, achieve, or remember

synonym: mysterious, ambiguous, inapproachable

(1) an **elusive** criminal, (2) track down an **elusive** fact

The physicist who found the **elusive** particle won the Nobel Prize.

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.

micro

n. extremely small in scale or scope; one millionth

(1) **micro** bubble, (2) **micro** force sensor

This approach employs both **micro** and macro analysis methods.

unchecked

adj. not restrained or controlled; not examined or scrutinized; allowed to proceed without restraint or interference

synonym: uncontrolled, unrestrained, unbridled

(1) **unchecked** ambition, (2) **unchecked** growth

The **unchecked** spread of the virus led to a nationwide outbreak.

destroy

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

synonym: demolish, ruin, obliterate

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

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

mount

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

synonym:

climb, increase, get on

(1) **mount** a hill, (2) **mount** a counterattack

They **mounted** pictures on the paper in preparation for the birthday card.

rigorous

adj. allowing or demanding no deviation from a standard; extremely careful, thorough, or accurate

synonym: severe, exact, strict

(1) **rigorous** standards, (2) have **rigorous** criticism

The way he manages his employees is extremely **rigorous**.

microorganism

n. a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope

synonym: germ, microbe, bacterium

(1) pathogenic **microorganism**, (2) **microorganisms** in his gut

This **microorganism** is a producer of respiratory disease.

yeast

n. a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise

synonym: leaven, fungus

(1) **yeast** cell, (2) **yeast-leavened** bread

They carefully nurture a **yeast** fungus used to produce sake.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym: microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

stunt

n. a feat or action that is often dangerous or difficult, designed to attract attention or admiration; something that blocks or impedes growth or development; (verb) to

hinder or impede growth or development, especially in a physical or mental sense

synonym: feat, accomplishment, (verb) hinder

(1) skydiving **stunt**, (2) **stunt** brain growth

The daredevil attempted a dangerous **stunt** by jumping off a tall building with a parachute.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

underground

adj. under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

synonym: subterranean, subsurface, confidential

(1) water flowing **underground**, (2) **underground** activist

Having **underground** parking has been very beneficial throughout the winter.

comprise

v. to include or consist of something; the act of making up or forming something

synonym: consist of, include, be composed of

(1) **comprise** a large percentage, (2) **comprise** the recent past

The team **comprises** players from different countries.

defoliate

v. to remove or shed the leaves from a plant, either intentionally or unintentionally; to cause leaves to fall off, typically with a herbicide or other chemical substance

synonym: strip, clear-cut, denude

(1) **defoliate** trees, (2) **defoliate** the field

The herbicide used to **defoliate** the plants also killed many of the surrounding flowers and trees.

persist

v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

synonym: endure, continue, carry on

(1) **persist** over time, (2) **persist** in success

Consult your doctor if the symptoms **persist**.

grab

v. to take hold of something or someone suddenly with a hand, especially in a violent way

synonym: clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

cycle

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

synonym: revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**

The food chain causes a material **cycle**.

anew

adv. in a new or different way

synonym: again, once more, fresh

(1) arm **anew**, (2) review **anew**

He decided to start **anew** and leave his old life behind.

Session 2: Spelling

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| 1. a_t bite | <i>n.</i> a very small insect that lives under the ground or in a mound in highly organized groups |
| 2. mo__t a hill | <i>v.</i> to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone |
| 3. a remote re____ve | <i>adj.</i> considered and evaluated through comparison with something else |
| 4. in____e a lot of paperwork | <i>v.</i> to include or affect someone or something as a necessary part of something else |
| 5. broken ma____le | <i>n.</i> the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect |
| 6. follow the tr__l | <i>n.</i> a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind |
| 7. fr___c underwater | <i>v.</i> to play and move around happily and energetically |
| 8. the pa____en in the air | <i>n.</i> a bacterium, virus, or other microorganism that causes disease |
| 9. fe__s sample | <i>n.</i> waste matter eliminated from the bowels; excrement |

ANSWERS: 1. ant, 2. mount, 3. relative, 4. involve, 5. mandible, 6. trail, 7. frolic, 8. pathogen, 9. feces

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| 10. g__b an audience | <i>v.</i> to take hold of something or someone suddenly with a hand, especially in a violent way |
| 11. tiny mo___l | <i>n.</i> a small piece or fragment, particularly of food; a small, tasty, or pleasing bit of something |
| 12. di____ct from each other | <i>adj.</i> noticeable from something else of a similar type |
| 13. st_____te the nervous system | <i>v.</i> to encourage something to develop or become more active; to stir the feelings or emotions |
| 14. the height of a p__e | <i>n.</i> a collection of objects positioned one on top of another; a large sum of something, such as money |
| 15. pe_____t in success | <i>v.</i> to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable |
| 16. reg_____te food | <i>v.</i> to bring back partially digested food from the stomach to the mouth; to repeat or recite something without understanding or adding anything new or original |
| 17. a cow s__d | <i>v.</i> to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage |
| 18. hi__h up my trousers | <i>v.</i> to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle |

ANSWERS: 10. grab, 11. morsel, 12. distinct, 13. stimulate, 14. pile, 15. persist, 16. regurgitate, 17. shed, 18. hitch

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| 19. the cy__e of the seasons | <i>n.</i> an interval during which a recurring sequence of events occurs; a bicycle or motorcycle |
| 20. we__h a cargo | <i>v.</i> to have a particular weight; to carefully evaluate things before making a conclusion |
| 21. buying fr___y | <i>n.</i> a state of wild, uncontrolled excitement or activity, often characterized by chaotic or irrational behavior |
| 22. track down an el_____e fact | <i>adj.</i> difficult to find, define, achieve, or remember |
| 23. opp_____tic fungus | <i>adj.</i> making use of a current situation to get power or advantage, especially regardless of planning or principle |
| 24. production of sp__m | <i>n.</i> the reproductive cell produced by a man or male animal |
| 25. harmless ba_____ia | <i>n.</i> single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease |
| 26. wrinkle like a pr__e | <i>n.</i> a dried plum that has a black, wrinkled appearance; (verb) to cut off branches from a tree, bush, or plant, especially to encourage growth |
| 27. fr_____nt of a text | <i>n.</i> a small piece or part broken off or detached |
| 28. a subtle pe_____e | <i>n.</i> a liquid that emits and diffuses a pleasant smell, usually used on the skin |

ANSWERS: 19. cycle, 20. weigh, 21. frenzy, 22. elusive, 23. opportunistic, 24. sperm, 25. bacteria, 26. prune, 27. fragment, 28. perfume

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| 29. am__o acid | <i>n.</i> compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH ₂) that combine to make protein |
| 30. member of his en_____ge | <i>n.</i> a group of people who attend or surround an important and influential person |
| 31. eq__p an army | <i>v.</i> to provide a person or a place with the things that are needed for a particular purpose or activity |
| 32. leave the house und_____ed | <i>adj.</i> not perceived or discovered |
| 33. a subordinate ki_____m | <i>n.</i> the country ruled by a king or queen |
| 34. fu___s infection | <i>n.</i> 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 |
| 35. cr__h a revolt | <i>v.</i> to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller |
| 36. eve_____ly become obsolete | <i>adv.</i> finally, particularly after a long time or a lot of struggle, complications, and so on |
| 37. arm a__w | <i>adv.</i> in a new or different way |
| 38. pe_____e every day | <i>n.</i> a liquid that emits and diffuses a pleasant smell, usually used on the skin |
| 39. soo_____be parents | <i>adj.</i> used to describe someone or something that will soon become something else or will soon be in a different state or position |

ANSWERS: 29. amino, 30. entourage, 31. equip, 32. undetected, 33. kingdom, 34. fungus, 35. crush, 36. eventually, 37. anew, 38. perfume, 39. soon-to-be

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| 40. no____h hope | <i>v.</i> to provide a person, an animal, or plant with food to make them grow and stay healthy |
| 41. sp__l a person's sport | <i>v.</i> to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad |
| 42. c__p field | <i>n.</i> a plant that is cultivated in large amounts, particularly for food |
| 43. skydiving st__t | <i>n.</i> a feat or action that is often dangerous or difficult, designed to attract attention or admiration; something that blocks or impedes growth or development; (verb) to hinder or impede growth or development, especially in a physical or mental sense |
| 44. s__d an old skin | <i>v.</i> to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage |
| 45. mic_____isms in his gut | <i>n.</i> a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope |
| 46. plant a co___y | <i>n.</i> a country or an area that is governed by a more powerful country that is often far away |
| 47. di_____ct difference | <i>adj.</i> noticeable from something else of a similar type |
| 48. an interstate hi_____y | <i>n.</i> a main road, especially one connecting major towns or cities |

ANSWERS: 40. nourish, 41. spoil, 42. crop, 43. stunt, 44. shed, 45. microorganism, 46. colony, 47. distinct, 48. highway

49. plant pa____en	<i>n.</i> a bacterium, virus, or other microorganism that causes disease
50. a white a_t	<i>n.</i> a very small insect that lives under the ground or in a mound in highly organized groups
51. space de____s	<i>n.</i> broken or torn fragments of something
52. mo__t a counterattack	<i>v.</i> to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
53. back f_n	<i>n.</i> a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
54. c__p herbicide	<i>n.</i> a plant that is cultivated in large amounts, particularly for food
55. an____r bolt	<i>n.</i> a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
56. be____k geology	<i>n.</i> the solid rock underlying soil or alluvium
57. st____h along the coast	<i>v.</i> to make or be capable of making anything longer or broader without hurting or breaking
58. ne____e in a cozy spot	<i>v.</i> to settle comfortably or cozily into a place
59. ye__t cell	<i>n.</i> a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise

ANSWERS: 49. pathogen, 50. ant, 51. debris, 52. mount, 53. fin, 54. crop, 55. anchor, 56. bedrock, 57. stretch, 58. nestle, 59. yeast

60. literary ant_____st *n.* a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group
61. st__t brain growth *n.* a feat or action that is often dangerous or difficult, designed to attract attention or admiration; something that blocks or impedes growth or development; (verb) to hinder or impede growth or development, especially in a physical or mental sense
62. hi__h a ride *v.* to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle
63. un_____ed ambition *adj.* not restrained or controlled; not examined or scrutinized; allowed to proceed without restraint or interference
64. und_____nd activist *adj.* under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
65. ma__h against the war *v.* to walk militarily with stiff, regular steps
66. co_____se the recent past *v.* to include or consist of something; the act of making up or forming something
67. es_____al commodities of life *adj.* indispensable; fundamental
68. sp__l the surprise *v.* to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad

ANSWERS: 60. antagonist, 61. stunt, 62. hitch, 63. unchecked, 64. underground, 65. march, 66. comprise, 67. essential, 68. spoil

69. und_____ed cancer	<i>adj.</i> not perceived or discovered
70. su_____e a plane crash	<i>v.</i> to live or exist despite a dangerous event or period
71. a broken fr_____nt	<i>n.</i> a small piece or part broken off or detached
72. co_____se a large percentage	<i>v.</i> to include or consist of something; the act of making up or forming something
73. insect ma_____le	<i>n.</i> the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect
74. de_____y the ecosystem	<i>v.</i> to ruin or damage severely or completely; to eradicate or eliminate completely
75. establish his ki_____m	<i>n.</i> the country ruled by a king or queen
76. ne____e deeper against him	<i>v.</i> to settle comfortably or cozily into a place
77. an_____t stories	<i>adj.</i> relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
78. an el_____e criminal	<i>adj.</i> difficult to find, define, achieve, or remember
79. un____l the sails	<i>v.</i> to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed
80. go to the workplace by cy__e	<i>n.</i> an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

ANSWERS: 69. undetected, 70. survive, 71. fragment, 72. comprise, 73. mandible, 74. destroy, 75. kingdom, 76. nestle, 77. ancient, 78. elusive, 79. unfurl, 80. cycle

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| 81. a con_____ly innovative enterprise | <i>adv.</i> all the time |
| 82. gen_____ly inherited traits | <i>adv.</i> in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity |
| 83. su_____n a good relationship with him | <i>v.</i> to supply enough of what somebody or something needs to survive or exist; to accept as valid |
| 84. arch-nemesis ant_____st | <i>n.</i> a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group |
| 85. opp_____tic behavior | <i>adj.</i> making use of a current situation to get power or advantage, especially regardless of planning or principle |
| 86. a di_____ve enzyme | <i>adj.</i> relating to or capable of causing or promoting digestion of food |
| 87. mouth-watering mo____l | <i>n.</i> a small piece or fragment, particularly of food; a small, tasty, or pleasing bit of something |
| 88. eve_____ly succeed | <i>adv.</i> finally, particularly after a long time or a lot of struggle, complications, and so on |
| 89. a fairy t__e | <i>n.</i> a story made up in someone's imagination, especially one full of action and adventure |
| 90. pr__e a branch | <i>n.</i> a dried plum that has a black, wrinkled appearance; (verb) to cut off branches from a tree, bush, or plant, especially to encourage growth |

ANSWERS: 81. constantly, 82. genetically, 83. sustain, 84. antagonist, 85. opportunistic, 86. digestive, 87. morsel, 88. eventually, 89. tale, 90. prune

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| 91. in_____le land | <i>adj.</i> unable to grow crops or sustain life; not able to produce offspring or offspring that are viable |
| 92. a sc__p of ice cream | <i>n.</i> a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else |
| 93. a warm tr__l | <i>n.</i> a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind |
| 94. an a_c of a circumference | <i>n.</i> the shape of a portion of a circle or other curved line |
| 95. co_____e electricity | <i>v.</i> to spend something, especially fuel, energy, or time, in a large amount |
| 96. co_____e a large of alcohol | <i>v.</i> to spend something, especially fuel, energy, or time, in a large amount |
| 97. und_____er journalist | <i>adj.</i> carried out or conducted in secret, with one's true identity or purpose concealed; disguised, incognito |
| 98. thrown out into mi___r | <i>n.</i> some point in the air; above ground level |
| 99. the a_c current | <i>n.</i> the shape of a portion of a circle or other curved line |
| 100. tir_____ly help out | <i>adv.</i> without getting tired or fatigued; persistently, energetically, and continuously working with great effort |
| 101. we__h heavily on stock prices | <i>v.</i> to have a particular weight; to carefully evaluate things before making a conclusion |

ANSWERS: 91. infertile, 92. scoop, 93. trail, 94. arc, 95. consume, 96. consume, 97. undercover, 98. midair, 99. arc, 100. tirelessly, 101. weigh

102. the r__r gate	<i>adj.</i> at, toward, or near the back part of something; (verb) to look after a child until it is an adult
103. review a__w	<i>adv.</i> in a new or different way
104. uncomfortable hu____ty	<i>n.</i> the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature
105. st____h a story	<i>v.</i> to make or be capable of making anything longer or broader without hurting or breaking
106. ex____te a deep hole	<i>v.</i> to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
107. p__e in the toilet	<i>v.</i> to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred
108. en___e reaction	<i>n.</i> a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
109. un____ed growth	<i>adj.</i> not restrained or controlled; not examined or scrutinized; allowed to proceed without restraint or interference
110. have a rec____al respect	<i>adj.</i> given or felt by each toward the other; mutual; corresponding or interchangeable
111. mi__c numerous instruments	<i>v.</i> to imitate someone's speech, movement, or behavior, especially to make others laugh

ANSWERS: 102. rear, 103. anew, 104. humidity, 105. stretch, 106. excavate, 107. puke, 108. enzyme, 109. unchecked, 110. reciprocal, 111. mimic

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| 112. a gas ch____r | <i>n.</i> a large room used for a formal, public, or particular purpose; one of the parts of a parliament |
| 113. und_____er operation | <i>adj.</i> carried out or conducted in secret, with one's true identity or purpose concealed; disguised, incognito |
| 114. good source of essential amino a__ds | <i>n.</i> sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials |
| 115. pile of de____s | <i>n.</i> broken or torn fragments of something |
| 116. vi____nt disease | <i>adj.</i> extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile |
| 117. carried al__t by police | <i>adv.</i> in the air; at a high place |
| 118. fe_____ze the soil | <i>v.</i> to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well |
| 119. di_____ve juices | <i>adj.</i> relating to or capable of causing or promoting digestion of food |
| 120. man with a low sp__m count | <i>n.</i> the reproductive cell produced by a man or male animal |
| 121. brood-pa_____ic bird | <i>adj.</i> living off another organism to the detriment of the host |

ANSWERS: 112. chamber, 113. undercover, 114. acid, 115. debris, 116. virulent, 117. aloft, 118. fertilize, 119. digestive, 120. sperm, 121. parasitic

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| 122. a sand p__e | <i>n.</i> a collection of objects positioned one on top of another; a large sum of something, such as money |
| 123. hu____ty sensor | <i>n.</i> the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature |
| 124. soo_____be graduates | <i>adj.</i> used to describe someone or something that will soon become something else or will soon be in a different state or position |
| 125. p__e my guts | <i>v.</i> to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred |
| 126. human fe__s | <i>n.</i> waste matter eliminated from the bowels; excrement |
| 127. rec_____al actions | <i>adj.</i> given or felt by each toward the other; mutual; corresponding or interchangeable |
| 128. natural sc__t | <i>n.</i> a distinctive smell, especially a pleasant one |
| 129. re_____ve factors | <i>adj.</i> considered and evaluated through comparison with something else |
| 130. ga_____e collection | <i>n.</i> waste material, especially food waste and kitchen refuse |
| 131. autumn fo_____e | <i>n.</i> the leaves of a plant or tree, especially in large quantities or as seen from a distance; natural greenery, often used for decorative purposes |

ANSWERS: 122. pile, 123. humidity, 124. soon-to-be, 125. puke, 126. feces, 127. reciprocal, 128. scent, 129. relative, 130. garbage, 131. foliage

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| 132. lump of ga____e | <i>n.</i> waste material, especially food waste and kitchen refuse |
| 133. critical m__s | <i>n.</i> a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together |
| 134. pathogenic ba____ia | <i>n.</i> single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease |
| 135. sexual ph____ne | <i>n.</i> a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species |
| 136. symbiotic fu____s | <i>n.</i> 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 |
| 137. s__l a hole | <i>v.</i> to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed |
| 138. sc__t memory | <i>n.</i> a distinctive smell, especially a pleasant one |
| 139. a mi____r collision | <i>n.</i> some point in the air; above ground level |

ANSWERS: 132. garbage, 133. mass, 134. bacteria, 135. pheromone, 136. fungus, 137. seal, 138. scent, 139. midair

140. mi__o force sensor	<i>n.</i> extremely small in scale or scope; one millionth
141. es_____al amino acid	<i>adj.</i> indispensable; fundamental
142. la__a of a butterfly	<i>n.</i> the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
143. an a__d reaction	<i>n.</i> sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
144. sc__p of news	<i>n.</i> a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else
145. have ri_____us criticism	<i>adj.</i> allowing or demanding no deviation from a standard; extremely careful, thorough, or accurate
146. dom_____te the plant	<i>v.</i> to take control of animals or plants to provide food, power, or company
147. bird's n__t	<i>n.</i> a structure in which animals lay their eggs or give birth to their young
148. female of_____ng	<i>n.</i> descendant; any immature animal or plant
149. fr___y of activity	<i>n.</i> a state of wild, uncontrolled excitement or activity, often characterized by chaotic or irrational behavior

ANSWERS: 140. micro, 141. essential, 142. larva, 143. acid, 144. scoop, 145. rigorous, 146. domesticate, 147. nest, 148. offspring, 149. frenzy

150. gen_____ly manipulated plant	<i>adv.</i> in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
151. go al__t	<i>adv.</i> in the air; at a high place
152. th_____en a healthy relationship	<i>v.</i> to utter intentions of injury or punishment against someone
153. g__b an opportunity	<i>v.</i> to take hold of something or someone suddenly with a hand, especially in a violent way
154. am__o compound	<i>n.</i> compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH ₂) that combine to make protein
155. a n__t of thieves	<i>n.</i> a structure in which animals lay their eggs or give birth to their young
156. a con_____ly varying mind	<i>adv.</i> all the time
157. easy to dom_____te	<i>v.</i> to take control of animals or plants to provide food, power, or company
158. ex_____te soil	<i>v.</i> to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
159. military st_____gy	<i>n.</i> a detailed plan of action designed to achieve a long-term or overall goal.
160. in_____e a high degree of risk	<i>v.</i> to include or affect someone or something as a necessary part of something else
161. t__e of horror	<i>n.</i> a story made up in someone's imagination, especially one full of action and adventure

ANSWERS: 150. genetically, 151. aloft, 152. threaten, 153. grab, 154. amino, 155. nest, 156. constantly, 157. domesticate, 158. excavate, 159. strategy, 160. involve, 161. tale

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| 162. pathogenic mic_____ism | <i>n.</i> a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope |
| 163. f__p out a candle | <i>n.</i> a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion |
| 164. the en_____re of a city | <i>n.</i> a wall, fence, or other barriers that surround an area, keeping it separate and protected |
| 165. in samba rh___m | <i>n.</i> a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing |
| 166. irregular heart rh___m | <i>n.</i> a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing |
| 167. pe_____t over time | <i>v.</i> to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable |
| 168. a co___y of bacteria | <i>n.</i> a country or an area that is governed by a more powerful country that is often far away |
| 169. cr__h coffee beans | <i>v.</i> to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller |
| 170. st_____te the economy | <i>v.</i> to encourage something to develop or become more active; to stir the feelings or emotions |

ANSWERS: 162. microorganism, 163. flap, 164. enclosure, 165. rhythm, 166. rhythm, 167. persist, 168. colony, 169. crush, 170. stimulate

171. co_____ch killer	<i>n.</i> a flat, brown or black, chiefly nocturnal insects sometimes found in the home
172. de_____yed evidence	<i>v.</i> to ruin or damage severely or completely; to eradicate or eliminate completely
173. ri_____us standards	<i>adj.</i> allowing or demanding no deviation from a standard; extremely careful, thorough, or accurate
174. an____r weight	<i>n.</i> a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
175. produce of_____ng	<i>n.</i> descendant; any immature animal or plant
176. reg_____te information	<i>v.</i> to bring back partially digested food from the stomach to the mouth; to repeat or recite something without understanding or adding anything new or original
177. r__r children	<i>adj.</i> at, toward, or near the back part of something; (verb) to look after a child until it is an adult
178. en_____re gate	<i>n.</i> a wall, fence, or other barriers that surround an area, keeping it separate and protected
179. pa_____ic relationship	<i>adj.</i> living off another organism to the detriment of the host
180. vi_____nt criticism	<i>adj.</i> extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile

ANSWERS: 171. cockroach, 172. destroy, 173. rigorous, 174. anchor, 175. offspring, 176. regurgitate, 177. rear, 178. enclosure, 179. parasitic, 180. virulent

- | | |
|-------------------------------|---|
| 181. mi__c a human voice | <i>v.</i> to imitate someone's speech, movement, or behavior, especially to make others laugh |
| 182. have a co_____ch phobia | <i>n.</i> a flat, brown or black, chiefly nocturnal insects sometimes found in the home |
| 183. hi_____y system | <i>n.</i> a main road, especially one connecting major towns or cities |
| 184. a fur s__l | <i>v.</i> to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed |
| 185. ph_____ne trail | <i>n.</i> a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species |
| 186. fe_____ze the female egg | <i>v.</i> to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well |
| 187. ma__h east | <i>v.</i> to walk militarily with stiff, regular steps |
| 188. cr__p toward the mouse | <i>v.</i> to move slowly, quietly, and carefully, usually to avoid being seen or heard |
| 189. in_____le woman | <i>adj.</i> unable to grow crops or sustain life; not able to produce offspring or offspring that are viable |
| 190. a su__e of shoppers | <i>n.</i> a sudden and great increase of something, such as a feeling, the amount or number, etc. |

ANSWERS: 181. mimic, 182. cockroach, 183. highway, 184. seal, 185. pheromone, 186. fertilize, 187. march, 188. creep, 189. infertile, 190. surge

191. be____k foundation	<i>n.</i> the solid rock underlying soil or alluvium
192. cr__p along the leaf	<i>v.</i> to move slowly, quietly, and carefully, usually to avoid being seen or heard
193. fr____c with friends	<i>v.</i> to play and move around happily and energetically
194. th____en national security	<i>v.</i> to utter intentions of injury or punishment against someone
195. ch__p on meat	<i>v.</i> to bite or chew something with forceful, aggressive, or heavy movements of the jaws or teeth
196. un____l my banner	<i>v.</i> to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed
197. dedicated tir____ly	<i>adv.</i> without getting tired or fatigued; persistently, energetically, and continuously working with great effort
198. racial or____n	<i>n.</i> the first existence or beginning of something
199. the su__e in foreign tourism	<i>n.</i> a sudden and great increase of something, such as a feeling, the amount or number, etc.
200. the f__p of wings	<i>n.</i> a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion
201. de____te trees	<i>v.</i> to remove or shed the leaves from a plant, either intentionally or unintentionally; to cause leaves to fall off, typically with a herbicide or other chemical substance

ANSWERS: 191. bedrock, 192. creep, 193. frolic, 194. threaten, 195. chomp, 196. unfurl, 197. tirelessly, 198. origin, 199. surge, 200. flap, 201. defoliate

202. no____h damaged skin	<i>v.</i>	to provide a person, an animal, or plant with food to make them grow and stay healthy
203. mi__o bubble	<i>n.</i>	extremely small in scale or scope; one millionth
204. develop a st____gy	<i>n.</i>	a detailed plan of action designed to achieve a long-term or overall goal.
205. a m__s of molten rock	<i>n.</i>	a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
206. colorful fo____e	<i>n.</i>	the leaves of a plant or tree, especially in large quantities or as seen from a distance; natural greenery, often used for decorative purposes
207. su____n a wellness lifestyle	<i>v.</i>	to supply enough of what somebody or something needs to survive or exist; to accept as valid
208. tu____l construction work	<i>n.</i>	an underground or underwater passage, typically for trains or cars
209. tu____l disease	<i>n.</i>	an underground or underwater passage, typically for trains or cars
210. a moth la__a	<i>n.</i>	the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
211. pre-Christian an____t	<i>adj.</i>	relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

ANSWERS: 202. nourish, 203. micro, 204. strategy, 205. mass, 206. foliage, 207. sustain, 208. tunnel, 209. tunnel, 210. larva, 211. ancient

212. a f_n of a plane	<i>n.</i> a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
213. the lower ch____r	<i>n.</i> a large room used for a formal, public, or particular purpose; one of the parts of a parliament
214. presidential en____ge	<i>n.</i> a group of people who attend or surround an important and influential person
215. water flowing und____nd	<i>adj.</i> under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
216. lack of digestive en____es	<i>n.</i> a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction
217. or____n of information	<i>n.</i> the first existence or beginning of something
218. eq__p our children with some special skills	<i>v.</i> to provide a person or a place with the things that are needed for a particular purpose or activity
219. ye__t-leavened bread	<i>n.</i> a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise
220. de____te the field	<i>v.</i> to remove or shed the leaves from a plant, either intentionally or unintentionally; to cause leaves to fall off, typically with a herbicide or other chemical substance

ANSWERS: 212. fin, 213. chamber, 214. entourage, 215. underground, 216. enzyme, 217. origin, 218. equip, 219. yeast, 220. defoliate

221. su____e a blizzard

v. to live or exist despite a dangerous event or period

222. ch__p into an apple

v. to bite or chew something with forceful, aggressive, or heavy movements of the jaws or teeth

ANSWERS: 221. survive, 222. chomp

Session 3: Fill in the Blanks

1. If you leave the milk out of the refrigerator for too long, it will _____.
 - v. to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad
2. I love to _____ on crunchy snacks like chips and pretzels.
 - v. to bite or chew something with forceful, aggressive, or heavy movements of the jaws or teeth
3. He beat out a jazz _____ on the cajones.
 - n. a strong regular repeated pattern of sounds, words, or musical notes that are used in music, poetry, and dancing
4. Various artificially induced causes are _____ our ecosystem.
 - v. to utter intentions of injury or punishment against someone
5. The ship dropped _____ in the bay.
 - n. a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
6. He _____ a secret tear when he heard the news of his friend's death.
 - v. to get rid of something as superfluous or unwanted; to cast off hair, skin, horn, or feathers; (noun) an outbuilding with a single story, mainly used for shelter or storage
7. The construction company _____ the building with an earthquake-resistant device.
 - v. to provide a person or a place with the things that are needed for a particular purpose or activity

ANSWERS: 1. spoil, 2. chomp, 3. rhythm, 4. threatening, 5. anchor, 6. shed, 7. equipped

8. A ball flew in a big ____.

n. the shape of a portion of a circle or other curved line

9. The car was completely _____ in the accident.

v. to press it firmly, usually with your hands or a tool, so that it becomes flat or smaller

10. The investigation _____ several government agencies and is expected to take several months.

v. to include or affect someone or something as a necessary part of something else

11. The flag slowly _____ in the wind atop the flagpole.

v. to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed

12. She flawlessly performed a _____ somersault.

n. some point in the air; above ground level

13. A nutritious diet improves _____ functions.

adj. relating to or capable of causing or promoting digestion of food

14. A deficiency in the _____ can lead to a medical condition.

n. a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction

15. The _____ bride was busy planning all the details of her upcoming wedding.

adj. used to describe someone or something that will soon become something else or will soon be in a different state or position

ANSWERS: 8. arc, 9. crushed, 10. involves, 11. unfurled, 12. midair, 13. digestive, 14. enzyme, 15. soon-to-be

16. The physicist who found the _____ particle won the Nobel Prize.

adj. difficult to find, define, achieve, or remember

17. The _____ spread of the virus led to a nationwide outbreak.

adj. not restrained or controlled; not examined or scrutinized; allowed to proceed without restraint or interference

18. The _____ held several exotic animals, including lions and tigers.

n. a wall, fence, or other barriers that surround an area, keeping it separate and protected

19. The soil in the desert is _____ making it difficult to grow crops.

adj. unable to grow crops or sustain life; not able to produce offspring or offspring that are viable

20. We can find many large ____ mounds in this area.

n. a very small insect that lives under the ground or in a mound in highly organized groups

21. There are various hypotheses concerning the _____ of life.

n. the first existence or beginning of something

22. She drowned her _____ of anger through her creative work.

n. a sudden and great increase of something, such as a feeling, the amount or number, etc.

23. 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

ANSWERS: 16. elusive, 17. unchecked, 18. enclosure, 19. infertile, 20. ant, 21. origin, 22. surge, 23. fungus

24. During pregnancy, the stomach generates less _____ than usual.
- n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
25. The baby _____ 1 pound 3 oz.
- v.* to have a particular weight; to carefully evaluate things before making a conclusion
26. He is very popular at school because he can _____ all the teachers' accents.
- v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
27. The _____ in the movie is a corrupt government official who obstructed the protagonist's mission.
- n.* a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group
28. The cat _____ in my lap and fell asleep.
- v.* to settle comfortably or cozily into a place
29. How many _____ does the average lion have?
- n.* descendant; any immature animal or plant
30. The corporation _____ dominated the entire tobacco business.
- adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
31. Sow early for an early _____.
- n.* a plant that is cultivated in large amounts, particularly for food

ANSWERS: 24. acid, 25. weighs, 26. mimic, 27. antagonist, 28. nestled, 29. offspring, 30. eventually, 31. crop

32. The _____ of freshly baked bread filled the bakery.
n. a distinctive smell, especially a pleasant one
33. The _____ virus spread rapidly through the close-knit community.
adj. extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile
34. Aging _____ up slowly with time.
v. to move slowly, quietly, and carefully, usually to avoid being seen or heard
35. The building was _____ in the fire and had to be rebuilt.
v. to ruin or damage severely or completely; to eradicate or eliminate completely
36. This company was granted a patent for its _____ resin manufacturing process.
n. compounds and functional groups that contain a basic nitrogen atom with a lone pair (NH₂) that combine to make protein
37. The food chain causes a material _____.
n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
38. The _____ truck will be coming to pick up the trash every Monday morning.
n. waste material, especially food waste and kitchen refuse
39. The company's marketing team worked hard to get the _____ on what their target audience wanted.
n. a tool for lifting or moving substances in bulk, typically using a concave or spoon-shaped end; a piece of news that is obtained or published before anyone else

ANSWERS: 32. scent, 33. virulent, 34. creeps, 35. destroyed, 36. amino, 37. cycle, 38. garbage, 39. scoop

40. Shall we _____ a bite to eat?

- v.* to take hold of something or someone suddenly with a hand, especially in a violent way

41. The _____ of the tent was open, letting in the fresh air.

- n.* a piece of material attached to a garment, sail, or aircraft which flaps in the wind; (verb) to move in a wavy pattern or with an up-and-down motion

42. The book _____ my imagination.

- v.* to encourage something to develop or become more active; to stir the feelings or emotions

43. Consult your doctor if the symptoms _____.

- v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

44. The male _____ fertilizes the female egg.

- n.* the reproductive cell produced by a man or male animal

45. The storm left a _____ of destruction behind it.

- n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

46. Marine _____ is a major continuous global problem.

- n.* broken or torn fragments of something

47. He _____ the letter with hot wax.

- v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

ANSWERS: 40. grab, 41. flap, 42. stimulated, 43. persist, 44. sperm, 45. trail, 46. debris, 47. sealed

48. Our plan includes a comprehensive marketing _____.
n. a detailed plan of action designed to achieve a long-term or overall goal.
49. She struggled to _____ the children's reading habits.
v. to supply enough of what somebody or something needs to survive or exist; to accept as valid
50. After the party, they had to clean up _____ of dirty dishes.
n. a collection of objects positioned one on top of another; a large sum of something, such as money
51. The hot air balloon rose _____ into the sky, giving the passengers a breathtaking countryside view.
adv. in the air; at a high place
52. Having _____ parking has been very beneficial throughout the winter.
adj. under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
53. The herbicide used to _____ the plants also killed many of the surrounding flowers and trees.
v. to remove or shed the leaves from a plant, either intentionally or unintentionally; to cause leaves to fall off, typically with a herbicide or other chemical substance
54. The archaeologists _____ the ruins of an ancient city buried under the desert sands.
v. to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
55. He sniffed the _____ voluptuously.
n. a liquid that emits and diffuses a pleasant smell, usually used on the skin

ANSWERS: 48. strategy, 49. sustain, 50. piles, 51. aloft, 52. underground, 53. defoliate, 54. excavated, 55. perfume

56. The troops _____ shoulder-to-shoulder.

v. to walk militarily with stiff, regular steps

57. Children _____ in the park on a sunny day.

v. to play and move around happily and energetically

58. The _____ of people who do not own property is politically impotent.

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

59. A smaller car will _____ less fuel.

v. to spend something, especially fuel, energy, or time, in a large amount

60. _____ prevalent in hospitals are often resistant to antibiotics.

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

61. The daredevil attempted a dangerous _____ by jumping off a tall building with a parachute.

n. a feat or action that is often dangerous or difficult, designed to attract attention or admiration; something that blocks or impedes growth or development; (verb) to hinder or impede growth or development, especially in a physical or mental sense

62. 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

63. The _____ police officer was able to gather crucial evidence without being detected.

adj. carried out or conducted in secret, with one's true identity or purpose concealed; disguised, incognito

ANSWERS: 56. marched, 57. frolicked, 58. mass, 59. consume, 60. Bacteria, 61. stunt, 62. foliage, 63. undercover

64. The couple decided to use the non-husband sperm to _____ a wife.
v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
65. The biology student had to _____ all the material she had learned for the final exam.
v. to bring back partially digested food from the stomach to the mouth; to repeat or recite something without understanding or adding anything new or original
66. By remaining neutral, this _____ continued to exist.
n. the country ruled by a king or queen
67. The team _____ players from different countries.
v. to include or consist of something; the act of making up or forming something
68. 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
69. mRNA vaccines are approved faster because they do not contain inactivated _____.
n. a bacterium, virus, or other microorganism that causes disease
70. Trial and error is an _____ part of education.
adj. indispensable; fundamental
71. The workers had to dig through solid rock to create the vehicular _____ allowing the cars to pass through the mountain.
n. an underground or underwater passage, typically for trains or cars

ANSWERS: 64. fertilize, 65. regurgitate, 66. kingdom, 67. comprises, 68. larva, 69. pathogens, 70. essential, 71. tunnel

72. She worked _____ for hours to finish her project on time.

adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort

73. The surgeon made an incision in the _____ of the patient's heart.

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

74. Their relationship was based on _____ love and respect for each other.

adj. given or felt by each toward the other; mutual; corresponding or interchangeable

75. Some herds have been observed to _____ hundreds of kilometers.

v. to make or be capable of making anything longer or broader without hurting or breaking

76. The mobile application industry is _____ changing.

adv. all the time

77. Doctors made mistakes, and diseases remained _____.

adj. not perceived or discovered

78. The way he manages his employees is extremely _____.

adj. allowing or demanding no deviation from a standard; extremely careful, thorough, or accurate

79. This approach employs both _____ and macro analysis methods.

n. extremely small in scale or scope; one millionth

ANSWERS: 72. tirelessly, 73. chambers, 74. reciprocal, 75. stretch, 76. constantly, 77. undetected, 78. rigorous, 79. micro

80. They have been living near water since _____ times.

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

81. Ghosts in folk _____ are almost always malicious.

n. a story made up in someone's imagination, especially one full of action and adventure

82. You should remove the seeds from the _____ before cooking.

n. a dried plum that has a black, wrinkled appearance; (verb) to cut off branches from a tree, bush, or plant, especially to encourage growth

83. I only had a small _____ of cake while trying to watch my weight.

n. a small piece or fragment, particularly of food; a small, tasty, or pleasing bit of something

84. They _____ pictures on the paper in preparation for the birthday card.

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

85. The mother used her breast milk to _____ the baby.

v. to provide a person, an animal, or plant with food to make them grow and stay healthy

86. Most countries prohibit sexual activity between certain close _____.

adj. considered and evaluated through comparison with something else

87. This _____ is a producer of respiratory disease.

n. a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope

ANSWERS: 80. ancient, 81. tales, 82. prunes, 83. morsel, 84. mounted, 85. nourish, 86. relatives, 87. microorganism

88. The _____ plant was able to survive by stealing nutrients from its host.
adj. living off another organism to the detriment of the host
89. The archaeologist carefully pieced together the tiny _____ of pottery found at the dig site.
n. a small piece or part broken off or detached
90. I'm going to take the _____ to get to my destination faster.
n. a main road, especially one connecting major towns or cities
91. The shark's powerful _____ allowed it to swim at high speeds.
n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
92. The female birds build a _____ and lay their eggs in May.
n. a structure in which animals lay their eggs or give birth to their young
93. The _____ in the tropical forest was so high that it was hard to breathe.
n. the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature
94. Many of the party's members joined for simply _____ reasons.
adj. making use of a current situation to get power or advantage, especially regardless of planning or principle
95. Proper disposal of _____ is essential for maintaining public health and sanitation.
n. waste matter eliminated from the bowels; excrement

ANSWERS: 88. parasitic, 89. fragments, 90. highway, 91. fins, 92. nest, 93. humidity, 94. opportunistic, 95. feces

96. The smell of rotting food made him _____ in disgust.

- v.* to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred

97. The perfume industry often uses synthetic _____ to enhance their products' appeal.

- n.* a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species

98. We _____ cows to gain milk and meat.

- v.* to take control of animals or plants to provide food, power, or company

99. The shoppers were _____ to get the best deals on Black Friday.

- n.* a state of wild, uncontrolled excitement or activity, often characterized by chaotic or irrational behavior

100. They carefully nurture a _____ fungus used to produce sake.

- n.* a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise

101. The _____ beneath the soil is extremely solid and stable.

- n.* the solid rock underlying soil or alluvium

102. These birds can only _____ in temperate climates.

- v.* to live or exist despite a dangerous event or period

103. The politician and his _____ arrived half an hour late.

- n.* a group of people who attend or surround an important and influential person

ANSWERS: 96. puke, 97. pheromones, 98. domesticate, 99. frenzy, 100. yeast, 101. bedrock, 102. survive, 103. entourage

104. It is essential to keep these two issues _____.

adj. noticeable from something else of a similar type

105. The player quickly went to the _____ side of the defender.

adj. at, toward, or near the back part of something; (verb) to look after a child until it is an adult

106. The mechanics _____ the trailer to the broken-down car.

v. to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle

107. The _____ modified crops were resistant to pests and required less water.

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

108. The dentist inspected the patient's _____ during the routine check-up.

n. the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect

109. He decided to start _____ and leave his old life behind.

adv. in a new or different way

110. _____ sometimes cause allergic reactions in humans.

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

111. The _____ declared its independence and became a republic.

n. a country or an area that is governed by a more powerful country that is often far away

ANSWERS: 104. distinct, 105. rear, 106. hitched, 107. genetically, 108. mandible, 109. anew, 110. Cockroaches, 111. colony

ANSWERS: