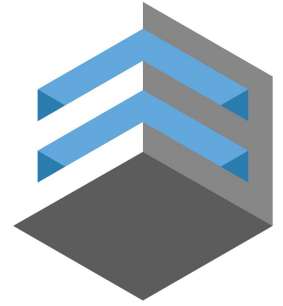


# Englist.me



## Vocabulary Builder Reference from...

*TED-Ed: The "myth" of the boiling frog | TED Talk*  
[https://www.ted.com/talks/ted\\_ed\\_the\\_myth\\_of\\_the\\_boiling\\_frog](https://www.ted.com/talks/ted_ed_the_myth_of_the_boiling_frog)

### All Words

#### IMPORTANT

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## Session 1: Word List

### swamp

*n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation

*synonym* : marsh, mire, bog

(1) muddy **swamp**, (2) **swamp** tour

The lowland **swamp** was full of dangerous animals and poisonous plants.

### kidnapping

*n.* the act of taking somebody away illegally and holding them captive

*synonym* : abduction, snatch, kidnap

(1) **kidnapping** attempt, (2) mass **kidnapping**

She received a year's imprisonment for aggravated **kidnapping**.

### captivity

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

*synonym* : confinement, detention, imprisonment

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

Pandas rarely breed in **captivity**.

### menace

*n.* a person or thing that is likely to cause harm or danger; a threat or perceived threat

*synonym* : threat, danger, hazard

(1) invisible **menace**, (2) potential **menace**

The reckless driver was a **menace** to other drivers on the road.

## **chef**

*n.* a cook, especially the chief cook in a restaurant or hotel  
*synonym*: cook, culinary artist, gastronomer

(1) **chef** knife, (2) master **chef**

The **chef** at the restaurant was known for his creative and delicious dishes.

## **lob**

*v.* to throw or hit a ball or object high into the air in a high, slow arc; to propel an object in a high, arcing trajectory  
*synonym*: toss, throw, heave

(1) **lob** the bait into the water, (2) **lob** a grenade

I learned how to **lob** a tennis ball over the net during my first lesson.

## **scald**

*v.* to burn or painfully affect with hot liquid or steam  
*synonym*: burn, scold, sear

(1) **scald** the milk, (2) **scald** my tongue

Be careful not to **scald** yourself with the hot water.

## **refill**

*v.* to replenish a container with a substance that it previously held; to top up a supply or amount of something

*synonym*: replenish, top up, recharge

(1) **refill** with oil, (2) **refill** ink cartridge

Please **refill** my water glass when you have a chance.

## **plop**

*n.* a short and soft sound like that of a small object dropping into water without a splash; (verb) drop with the sound of something falling into water

*synonym*: drop, flop, plunk

(1) loud **plop**, (2) **plop** of water

The ball fell into the water with a **plop**.

## temperature

*n.* the degree of hotness or coldness of a thing or place  
*synonym* : climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

## bask

*v.* to expose oneself to warmth, sunlight, or enjoyment with a pleasant feeling of relaxation and contentment

*synonym* : sunbathe, lounge, relax

(1) **bask** in the sun, (2) **bask** in the attention

The lizard **basked** on the warm rock for hours.

## balmy

*adj.* pleasantly warm, mild, or soothing; having a calming or soothing effect on the senses or emotions

*synonym* : warm, mild, pleasant

(1) **balmy** days and nights, (2) **balmy** evening

The **balmy** weather was perfect for a picnic in the park.

## bubble

*n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

*synonym* : blob, balloon, mania

(1) **bubble** in the champagne glass, (2) economic **bubble**

Many people worry that the current real estate market is a **bubble** that could burst soon.

## toast

*n.* slices of bread browned on both sides that have been put near a high heat; a drink in honor of or to the health of a person or even

(1) drink a **toast**, (2) slice of **toast**

We made a **toast** with everyone.

## parable

*n.* a short allegorical story designed to illustrate a moral or spiritual lesson

*synonym* : allegory, fable, tale

(1) **parable** story, (2) biblical **parable**

Jesus quoted **parables** to teach important lessons to his disciples.

## **detect**

v. to find or recognize something, especially something difficult to see, hear, etc.

*synonym*: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

## **leap**

v. to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward

*synonym*: jump, bound, hop

(1) **leap** to a conclusion, (2) **leap** of faith

The athlete was able to **leap** over the hurdle with ease.

## **insist**

v. to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say

*synonym*: demand, assert, claim

(1) **insist** on a clear answer, (2) **insist** over and over

He **insisted** that she pay her debt to the last penny.

## **dial**

v. to adjust or set the controls of a machine or device by turning a controller called dial; (noun) a disc on a telephone that is rotated a fixed distance for each number called

*synonym*: adjust, set, turn

(1) **dial** up the volume, (2) **dial** down the tension

He **dialed** the phone number and waited for an answer.

## **argue**

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

*synonym*: debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

## thermometer

*n.* a device used to measure temperature, typically consisting of a glass or plastic tube containing a column of liquid, such as mercury, that rises and falls with changes in temperature

*synonym*: thermos, gauge, climate gauge

(1) digital **thermometer**, (2) clinical **thermometer**

My mother always used a mercury **thermometer** to check our temperature when we were sick.

## degree

*n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

*synonym*: level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

## 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.

## modern

*adj.* of or belonging to the present time or recent times

*synonym*: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

## rely

*v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

*synonym*: depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him  
Babies heavily **rely** on others for food.

## fossil

*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

*synonym* : relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

## fuel

*n.* a substance that is typically burned to generate heat or energy

*synonym* : energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

## coal

*n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

*synonym* : ember

(1) a **coal-fired** ship, (2) construction of new **coal** plants

We combust **coal** and other fossil fuels to generate electricity.

## carbon

*n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

## 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.

## organic

*adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of

synthetic chemicals

*synonym* : biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

**release**

*v.* to set free or allow to escape from confinement

*synonym* : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO<sub>2</sub> into the air

The animal rights group worked to **release** the dolphins back into the wild.

**oxide**

*n.* a chemical compound that contains at least one oxygen atom and one other element

(1) silver **oxide**, (2) combined **oxide**

The blood's red coloring comes from iron **oxide**.

**atmosphere**

*n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

*synonym* : air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

**sunlight**

*n.* the light emitted by the sun; the rays of the sun

*synonym* : daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**

Radiation from **sunlight** has a different wavelength.

**absorb**

*v.* to take in a fluid or other substance gradually

*synonym* : consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

**emit**

*v.* to give off or send out something such as light, heat, sound, gas, etc.

*synonym* : give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

## infrared

*adj.* relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control

*synonym* : thermal, warm, radiant

(1) an **infrared** lamp, (2) **infrared** radiation

The **infrared** camera revealed a hidden image on the surface.

## radiation

*n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

*synonym* : dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**

He tried every possible treatment, including chemotherapy and **radiation** therapy.

## atmospheric

*adj.* about or located in the earth's atmosphere

*synonym* : atmospherical, climatic

(1) doubling of **atmospheric** carbon dioxide,

(2) **atmospheric** pressure

The sea surface temperature and **atmospheric** circulation are inextricably linked.

## greenhouse

*n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

*synonym* : conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.



## methane

*n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel  
(1) atmospheric **methane**, (2) reduce **methane** emissions  
The ignition of **methane** gas in the plant killed five employees.

## wavelength

*n.* the distance between two points in the same phase in consecutive cycles of a wave  
(1) **wavelength** of light, (2) long- **wavelength** laser  
White color is made up of many different **wavelengths** of light.

## planet

*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

*synonym* : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**  
Mercury is the closest **planet** to the sun.

## pace

*n.* the speed at which someone or something moves, or the rate at which something happens or changes

*synonym* : gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**  
The economy is growing at a supercharged **pace**.

## predict

*v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience

*synonym* : forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive  
It's notoriously challenging to **predict** birth rates.

## industrial

*adj.* of or relating to or resulting from industry

*synonym* : manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

**Industrial** design has become more focused on human

nature aspect than ever before.

## identify

*v.* to recognize someone or something and say or prove who or what they are

*synonym* : determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

## threshold

*n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation

*synonym* : anteroom, brink, verge

(1) the **threshold** between rooms, (2) high pain **threshold**

She's on the **threshold** of adulthood.

## negative

*adj.* having the quality of something bad or harmful; expressing refusal

*synonym* : minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number

The movie has received almost universally **negative** criticism.

## climate

*n.* the weather in a particular location averaged over some long period

*synonym* : atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

**Climate** and weather have an impact on every part of our lifestyles.

## increasingly

*adv.* more and more

*synonym* : more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with the competition.

## severe

*adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

*synonym* : harsh, relentless, powerful

(1) **severe** heat, (2) a **severe** case of pneumonia

The senator received **severe** criticism from his opponent.

## emission

*n.* the act of production or sending out gas, heat, light, etc.

*synonym* : emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

## sequester

*v.* to take temporary possession of someone's property until a debt is paid.

*synonym* : isolate, set apart, segregate

(1) **sequester** ten percent of the annual carbon emissions,

(2) **sequester** myself from the world

He approved their requests to **sequester** the jury.

## technological

*adj.* based on scientific and industrial progress

*synonym* : specialized, technical

(1) **technological** advancement, (2) **technological** policy

**Technological** advances have disrupted many industries.

## prohibitively

*adv.* in a manner that discourages or prevents something from happening or being done, especially by making it too expensive

*synonym* : excessively

(1) **prohibitively** long time, (2) **prohibitively** difficult

The cost of the project was **prohibitively** high for the company to consider.

## permanent

*adj.* lasting for a long time without essential change

*synonym* : lasting, ceaseless, endless

(1) literature of **permanent** value, (2) **permanent** life insurance

She is searching for a **permanent** residence.

## storage

*n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

*synonym* : storehouse, depository, warehousing

(1) a **storage** battery, (2) **storage** at low temperature

We store customer data in cloud **storage**.

## mitigate

*v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something

*synonym* : alleviate, relieve, reduce

(1) **mitigate** risk, (2) **mitigate** a natural disaster

Efforts to **mitigate** the effects of climate change require a coordinated and sustained effort by governments, businesses, and individuals.

## damage

*v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

*synonym* : harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

## proverb

*n.* a short saying that expresses a truth or gives advice based on practical experience

*synonym* : adage, saying, maxim

(1) a hackneyed **proverb**, (2) ancient **proverb**

The famous **proverb** "actions speak louder than words" reminds us to focus on deeds instead of words.

## Session 2: Spelling

1. ba\_\_y days and nights *adj.* pleasantly warm, mild, or soothing; having a calming or calming effect on the senses or emotions
2. sc\_\_d the milk *v.* to burn or painfully affect with hot liquid or steam
3. an in\_\_\_\_ed lamp *adj.* relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control
4. pl\_\_\_t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
5. smokeless f\_\_l *n.* a substance that is typically burned to generate heat or energy
6. drink a to\_\_t *n.* slices of bread browned on both sides that have been put near a high heat; a drink in honor of or to the health of a person or even
7. construction of new c\_\_l plants *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
8. a ne\_\_\_\_ve number *adj.* having the quality of something bad or harmful; expressing refusal
9. the th\_\_\_\_ld between rooms *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation

ANSWERS: 1. balmy, 2. scald, 3. infrared, 4. planet, 5. fuel, 6. toast, 7. coal, 8. negative, 9. threshold

10. de\_\_\_e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
11. r\_\_\_y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
12. inc\_\_\_\_\_gly become common *adv.* more and more
13. save the pl\_\_\_t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
14. da\_\_\_e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
15. biblical pa\_\_\_\_\_e *n.* a short allegorical story designed to illustrate a moral or spiritual lesson
16. de\_\_\_t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
17. ar\_\_\_e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

ANSWERS: 10. degree, 11. rely, 12. increasingly, 13. planet, 14. damage, 15. parable, 16. detect, 17. argue

18. sw\_\_p tour *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
19. mi\_\_\_\_\_te a natural disaster *v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something
20. b\_\_k in the sun *v.* to expose oneself to warmth, sunlight, or enjoyment with a pleasant feeling of relaxation and contentment
21. mi\_\_\_\_\_te risk *v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something
22. reduce me\_\_\_\_\_e emissions *n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
23. burning of fo\_\_\_l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
24. re\_\_\_l ink cartridge *v.* to replenish a container with a substance that it previously held; to top up a supply or amount of something
25. electromagnetic ra\_\_\_\_\_on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
26. beginning of the ind\_\_\_\_\_al revolution *adj.* of or relating to or resulting from industry
27. an\_\_\_\_\_t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

ANSWERS: 18. swamp, 19. mitigate, 20. bask, 21. mitigate, 22. methane, 23. fossil, 24. refill, 25. radiation, 26. industrial, 27. ancient

28. ab\_\_\_b a shock *v.* to take in a fluid or other substance gradually
29. mass kid\_\_\_\_\_ng *n.* the act of taking somebody away illegally and holding them captive
30. have a ne\_\_\_\_\_ve effect *adj.* having the quality of something bad or harmful; expressing refusal
31. e\_\_t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
32. b\_\_k in the attention *v.* to expose oneself to warmth, sunlight, or enjoyment with a pleasant feeling of relaxation and contentment
33. digital the\_\_\_\_\_er *n.* a device used to measure temperature, typically consisting of a glass or plastic tube containing a column of liquid, such as mercury, that rises and falls with changes in temperature
34. a st\_\_\_\_\_e battery *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
35. pa\_\_\_\_\_e story *n.* a short allegorical story designed to illustrate a moral or spiritual lesson
36. atmospheric me\_\_\_\_\_e *n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
37. bachelor's de\_\_\_\_\_e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 28. absorb, 29. kidnapping, 30. negative, 31. emit, 32. bask, 33. thermometer, 34. storage, 35. parable, 36. methane, 37. degree



38. pr\_\_\_\_\_t the future      *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
39. a glare of su\_\_\_\_\_ht      *n.* the light emitted by the sun; the rays of the sun
40. pr\_\_\_\_\_t when she will arrive      *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
41. a fo\_\_\_l leaf      *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
42. l\_b a grenade      *v.* to throw or hit a ball or object high into the air in a high, slow arc; to propel an object in a high, arcing trajectory
43. a hackneyed pr\_\_\_\_\_b      *n.* a short saying that expresses a truth or gives advice based on practical experience
44. id\_\_\_\_\_fy handwriting      *v.* to recognize someone or something and say or prove who or what they are
45. r\_\_y on convenience stores      *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
46. se\_\_\_\_\_er myself from the world      *v.* to take temporary possession of someone's property until a debt is paid.
47. combined ox\_\_e      *n.* a chemical compound that contains at least one oxygen atom and one other element
48. silver ox\_\_e      *n.* a chemical compound that contains at least one oxygen atom and one other element

ANSWERS: 38. predict, 39. sunlight, 40. predict, 41. fossil, 42. lob, 43. proverb, 44. identify, 45. rely, 46. sequester, 47. oxide, 48. oxide

- |   |  |
|---|--|
| 49. doubling of atm_____ic carbon dioxide | <i>adj.</i> about or located in the earth's atmosphere   |
| 50. d__l up the volume                    | <i>v.</i> to adjust or set the controls of a machine or device by turning a controller called dial; (noun) a disc on a telephone that is rotated a fixed distance for each number called |
| 51. long-wav_____th laser                 | <i>n.</i> the distance between two points in the same phase in consecutive cycles of a wave  |
| 52. tec_____cal advancement               | <i>adj.</i> based on scientific and industrial progress  |
| 53. ind_____al alcohol                    | <i>adj.</i> of or relating to or resulting from industry   |
| 54. exposure to ra_____on                 | <i>n.</i> the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health   |
| 55. a cold cl_____e                       | <i>n.</i> the weather in a particular location averaged over some long period  |
| 56. literature of pe_____nt value         | <i>adj.</i> lasting for a long time without essential change   |
| 57. or_____c soils                        | <i>adj.</i> of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals  |
| 58. atm_____ic pressure                   | <i>adj.</i> about or located in the earth's atmosphere   |
| 59. c__f knife                            | <i>n.</i> a cook, especially the chief cook in a restaurant or hotel   |

ANSWERS: 49. atmospheric, 50. dial, 51. wavelength, 52. technological, 53. industrial, 54. radiation, 55. climate, 56. permanent, 57. organic, 58. atmospheric, 59. chef

60. emissions of gre\_\_\_\_\_se gases      *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
61. clinical the\_\_\_\_\_er      *n.* a device used to measure temperature, typically consisting of a glass or plastic tube containing a column of liquid, such as mercury, that rises and falls with changes in temperature
62. a convivial atm\_\_\_\_\_re      *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
63. muddy sw\_\_p      *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
64. l\_\_p of faith      *v.* to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward
65. l\_b the bait into the water      *v.* to throw or hit a ball or object high into the air in a high, slow arc; to propel an object in a high, arcing trajectory
66. high pain th\_\_\_\_\_ld      *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
67. animals in ca\_\_\_\_\_ty in the zoo      *n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from
68. re\_\_\_\_\_e CO2 into the air      *v.* to set free or allow to escape from confinement

ANSWERS: 60. greenhouse, 61. thermometer, 62. atmosphere, 63. swamp, 64. leap, 65. lob, 66. threshold, 67. captivity, 68. release

69. extreme tem\_\_\_\_\_res *n.* the degree of hotness or coldness of a thing or place
70. bu\_\_\_e in the champagne glass *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses
71. d\_\_l down the tension *v.* to adjust or set the controls of a machine or device by turning a controller called dial; (noun) a disc on a telephone that is rotated a fixed distance for each number called
72. ab\_\_\_b energy *v.* to take in a fluid or other substance gradually
73. wav\_\_\_\_\_th of light *n.* the distance between two points in the same phase in consecutive cycles of a wave
74. invisible me\_\_\_e *n.* a person or thing that is likely to cause harm or danger; a threat or perceived threat
75. de\_\_\_t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
76. id\_\_\_\_\_fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
77. pre-Christian an\_\_\_\_\_t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
78. economic bu\_\_\_e *n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

ANSWERS: 69. temperature, 70. bubble, 71. dial, 72. absorb, 73. wavelength, 74. menace, 75. detect, 76. identify, 77. ancient, 78. bubble

79. exotic plants in a gre\_\_\_\_\_se      *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
80. face inc\_\_\_\_\_gly complicated challenges      *adv.* more and more
81. eat or\_\_\_\_\_c food      *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
82. in\_\_\_\_\_ed radiation      *adj.* relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control
83. tec\_\_\_\_\_cal policy      *adj.* based on scientific and industrial progress
84. st\_\_\_\_\_e at low temperature      *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
85. high ar\_\_\_\_\_c      *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
86. a se\_\_\_\_\_e case of pneumonia      *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
87. pe\_\_\_\_\_nt life insurance      *adj.* lasting for a long time without essential change

ANSWERS: 79. greenhouse, 80. increasingly, 81. organic, 82. infrared, 83. technological, 84. storage, 85. arctic, 86. severe, 87. permanent

88. master c\_\_f *n.* a cook, especially the chief cook in a restaurant or hotel
89. ca\_\_\_n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
90. pre-mo\_\_\_n agricultural society *adj.* of or belonging to the present time or recent times
91. p\_\_p of water *n.* a short and soft sound like that of a small object dropping into water without a splash; (verb) drop with the sound of something falling into water
92. ca\_\_\_n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
93. se\_\_\_\_\_er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
94. da\_\_\_e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
95. in\_\_\_t on a clear answer *v.* to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say

ANSWERS: 88. chef, 89. carbon, 90. modern, 91. plop, 92. carbon, 93. sequester, 94. damage, 95. insist

96. mo\_\_\_n poetry *adj.* of or belonging to the present time or recent times
97. effects of cl\_\_\_\_\_e change *n.* the weather in a particular location averaged over some long period
98. re\_\_\_\_\_e a prisoner *v.* to set free or allow to escape from confinement
99. l\_\_p to a conclusion *v.* to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward
100. a c\_\_l-fired ship *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
101. ba\_\_y evening *adj.* pleasantly warm, mild, or soothing; having a calming or calming effect on the senses or emotions
102. pro\_\_\_\_\_ely long time *adv.* in a manner that discourages or prevents something from happening or being done, especially by making it too expensive
103. sc\_\_d my tongue *v.* to burn or painfully affect with hot liquid or steam
104. in direct su\_\_\_\_\_ht *n.* the light emitted by the sun; the rays of the sun
105. ar\_\_\_c ice *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
106. slice of to\_\_t *n.* slices of bread browned on both sides that have been put near a high heat; a drink in honor of or to the health of a person or even

ANSWERS: 96. modern, 97. climate, 98. release, 99. leap, 100. coal, 101. balmy, 102. prohibitively, 103. scald, 104. sunlight, 105. arctic, 106. toast

107. potential me___e	<i>n.</i>	a person or thing that is likely to cause harm or danger; a threat or perceived threat
108. the atmospheric tem____re	<i>n.</i>	the degree of hotness or coldness of a thing or place
109. loud p__p	<i>n.</i>	a short and soft sound like that of a small object dropping into water without a splash; (verb) drop with the sound of something falling into water
110. escape from ca____ty	<i>n.</i>	the situation in which a person or animal is kept in prison or a space that they cannot escape from
111. the em____on of light	<i>n.</i>	the act of production or sending out gas, heat, light, etc.
112. global em____ons of greenhouse gases	<i>n.</i>	the act of production or sending out gas, heat, light, etc.
113. ar__e a case	<i>v.</i>	to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
114. pro____ely difficult	<i>adv.</i>	in a manner that discourages or prevents something from happening or being done, especially by making it too expensive
115. ancient pr____b	<i>n.</i>	a short saying that expresses a truth or gives advice based on practical experience
116. carbon dioxide in the atm____re	<i>n.</i>	the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 107. menace, 108. temperature, 109. plop, 110. captivity, 111. emission, 112. emission, 113. argue, 114. prohibitively, 115. proverb, 116. atmosphere



117. se\_\_\_e heat *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
118. at your own p\_\_\_e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
119. kid\_\_\_\_\_ng attempt *n.* the act of taking somebody away illegally and holding them captive
120. e\_\_t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
121. biomass f\_\_l *n.* a substance that is typically burned to generate heat or energy
122. in\_\_\_t over and over *v.* to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say
123. re\_\_\_l with oil *v.* to replenish a container with a substance that it previously held; to top up a supply or amount of something
124. the runner's p\_\_\_e *n.* the speed at which someone or something moves, or the rate at which something happens or changes

ANSWERS: 117. severe, 118. pace, 119. kidnapping, 120. emit, 121. fuel, 122. insist, 123. refill, 124. pace

## Session 3: Fill in the Blanks

1. The \_\_\_\_ scarcity most severely impacted the manufacturing sector  
*n.* a substance that is typically burned to generate heat or energy
2. Cities around the world set records for highest \_\_\_\_\_ this summer.  
*n.* the degree of hotness or coldness of a thing or place
3. The \_\_\_\_ at the restaurant was known for his creative and delicious dishes.  
*n.* a cook, especially the chief cook in a restaurant or hotel
4. Trees absorb \_\_\_\_\_ dioxide and give off oxygen.  
*n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
5. It was the \_\_\_\_\_ of a dinosaur tooth.  
*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
6. The spaceship began to burn up as it approached the Earth's \_\_\_\_\_.  
*n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
7. Please \_\_\_\_\_ my water glass when you have a chance.  
*v.* to replenish a container with a substance that it previously held; to top up a supply or amount of something
8. The famous \_\_\_\_\_ "actions speak louder than words" reminds us to focus on deeds instead of words.  
*n.* a short saying that expresses a truth or gives advice based on practical experience

ANSWERS: 1. fuel, 2. temperatures, 3. chef, 4. carbon, 5. fossil, 6. atmosphere, 7. refill, 8. proverb

9. White color is made up of many different \_\_\_\_\_ of light.  
*n.* the distance between two points in the same phase in consecutive cycles of a wave
10. The reckless driver was a \_\_\_\_\_ to other drivers on the road.  
*n.* a person or thing that is likely to cause harm or danger; a threat or perceived threat
11. We combust \_\_\_\_\_ and other fossil fuels to generate electricity.  
*n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
12. I learned how to \_\_\_\_\_ a tennis ball over the net during my first lesson.  
*v.* to throw or hit a ball or object high into the air in a high, slow arc; to propel an object in a high, arcing trajectory
13. She's on the \_\_\_\_\_ of adulthood.  
*n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
14. It's notoriously challenging to \_\_\_\_\_ birth rates.  
*v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
15. The blood's red coloring comes from iron \_\_\_\_\_.  
*n.* a chemical compound that contains at least one oxygen atom and one other element
16. She is searching for a \_\_\_\_\_ residence.  
*adj.* lasting for a long time without essential change

ANSWERS: 9. wavelengths, 10. menace, 11. coal, 12. lob, 13. threshold, 14. predict, 15. oxide, 16. permanent

17. \_\_\_\_\_ advances have disrupted many industries.  
*adj.* based on scientific and industrial progress
18. \_\_\_\_\_ and weather have an impact on every part of our lifestyles.  
*n.* the weather in a particular location averaged over some long period
19. Be careful not to \_\_\_\_\_ yourself with the hot water.  
*v.* to burn or painfully affect with hot liquid or steam
20. Pandas rarely breed in \_\_\_\_\_.  
*n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from
21. He \_\_\_\_\_ the phone number and waited for an answer.  
*v.* to adjust or set the controls of a machine or device by turning a controller called dial; (noun) a disc on a telephone that is rotated a fixed distance for each number called
22. The security camera has \_\_\_\_\_ four intruders.  
*v.* to find or recognize something, especially something difficult to see, hear, etc.
23. We made a \_\_\_\_\_ with everyone.  
*n.* slices of bread browned on both sides that have been put near a high heat; a drink in honor of or to the health of a person or even
24. Jesus quoted \_\_\_\_\_ to teach important lessons to his disciples.  
*n.* a short allegorical story designed to illustrate a moral or spiritual lesson
25. The ball fell into the water with a \_\_\_\_\_.  
*n.* a short and soft sound like that of a small object dropping into water without a splash; (verb) drop with the sound of something falling into water

ANSWERS: 17. Technological, 18. Climate, 19. scald, 20. captivity, 21. dialed, 22. detected, 23. toast, 24. parables, 25. plop

26. The ignition of \_\_\_\_\_ gas in the plant killed five employees.  
*n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
27. She received a year's imprisonment for aggravated \_\_\_\_\_.  
*n.* the act of taking somebody away illegally and holding them captive
28. Radiation from \_\_\_\_\_ has a different wavelength.  
*n.* the light emitted by the sun; the rays of the sun
29. She received her \_\_\_\_\_ in psychology from the university.  
*n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
30. The movie has received almost universally \_\_\_\_\_ criticism.  
*adj.* having the quality of something bad or harmful; expressing refusal
31. During the surgery, the doctor had to be extremely cautious not to \_\_\_\_\_ a blood vessel.  
*v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
32. The sponge \_\_\_\_\_ water well.  
*v.* to take in a fluid or other substance gradually
33. Mercury is the closest \_\_\_\_\_ to the sun.  
*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 26. methane, 27. kidnapping, 28. sunlight, 29. degree, 30. negative, 31. damage, 32. absorbs, 33. planet

34. The \_\_\_\_\_ effect is a phenomenon that happens naturally.
- n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
35. Efforts to \_\_\_\_\_ the effects of climate change require a coordinated and sustained effort by governments, businesses, and individuals.
- v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something
36. The kidney is an \_\_\_\_\_ component of the body.
- adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
37. Their headquarters are in a \_\_\_\_\_ skyscraper.
- adj.* of or belonging to the present time or recent times
38. The animal rights group worked to \_\_\_\_\_ the dolphins back into the wild.
- v.* to set free or allow to escape from confinement
39. He tried every possible treatment, including chemotherapy and \_\_\_\_\_ therapy.
- n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
40. Many people worry that the current real estate market is a \_\_\_\_\_ that could burst soon.
- n.* a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses

ANSWERS: 34. greenhouse, 35. mitigate, 36. organic, 37. modern, 38. release, 39. radiation, 40. bubble

41. The \_\_\_\_\_ camera revealed a hidden image on the surface.

*adj.* relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control

42. The senator received \_\_\_\_\_ criticism from his opponent.

*adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

43. The lowland \_\_\_\_\_ was full of dangerous animals and poisonous plants.

*n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation

44. 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

45. The lizard \_\_\_\_\_ on the warm rock for hours.

*v.* to expose oneself to warmth, sunlight, or enjoyment with a pleasant feeling of relaxation and contentment

46. \_\_\_\_\_ design has become more focused on human nature aspect than ever before.

*adj.* of or relating to or resulting from industry

47. He \_\_\_\_\_ that she pay her debt to the last penny.

*v.* to say something clearly or demand something forcefully, especially when other people disagree with or oppose what you say

48. He approved their requests to \_\_\_\_\_ the jury.

*v.* to take temporary possession of someone's property until a debt is paid.

ANSWERS: 41. infrared, 42. severe, 43. swamp, 44. arctic, 45. basked, 46. Industrial, 47. insisted, 48. sequester

49. I will introduce you to how to \_\_\_\_\_ the leading causes of the malfunction.  
*v.* to recognize someone or something and say or prove who or what they are
50. The \_\_\_\_\_ weather was perfect for a picnic in the park.  
*adj.* pleasantly warm, mild, or soothing; having a calming or calming effect on the senses or emotions
51. The sea surface temperature and \_\_\_\_\_ circulation are inextricably linked.  
*adj.* about or located in the earth's atmosphere
52. Our company found it \_\_\_\_\_ difficult to keep up with the competition.  
*adv.* more and more
53. We store customer data in cloud \_\_\_\_\_.  
*n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
54. There are five distinct \_\_\_\_\_ at five unique wavelengths.  
*n.* the act of production or sending out gas, heat, light, etc.
55. The couple began to \_\_\_\_\_ over which restaurant to go to for dinner.  
*v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
56. My mother always used a mercury \_\_\_\_\_ to check our temperature when we were sick.  
*n.* a device used to measure temperature, typically consisting of a glass or plastic tube containing a column of liquid, such as mercury, that rises and falls with changes in temperature

ANSWERS: 49. identify, 50. balmy, 51. atmospheric, 52. increasingly, 53. storage, 54. emissions, 55. argue, 56. thermometer



57. The cost of the project was \_\_\_\_\_ high for the company to consider.

*adv.* in a manner that discourages or prevents something from happening or being done, especially by making it too expensive

58. Babies heavily \_\_\_\_\_ on others for food.

*v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

59. During the unloading, the container box \_\_\_\_\_ a clicking sound.

*v.* to give off or send out something such as light, heat, sound, gas, etc.

60. The economy is growing at a supercharged \_\_\_\_\_.

*n.* the speed at which someone or something moves, or the rate at which something happens or changes

61. 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

62. The athlete was able to \_\_\_\_\_ over the hurdle with ease.

*v.* to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward

ANSWERS: 57. prohibitively, 58. rely, 59. emits, 60. pace, 61. ancient, 62. leap