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Vocabulary Builder Reference from...

Adam Garske: How designing brand-new enzymes could change the world | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

- lilac** *n.* a small tree or shrub with fragrant purple or white flowers; the pale purplish or lavender color of the lilac flower
(1) **lilac** scent, (2) blooming **lilac**
The beautiful **lilac** bush in my yard blooms every spring.
- firefly** *n.* a flying nocturnal insect common in warm regions with a tail that shines in the dark
(1) the glow of a **firefly**, (2) sparkle like **firefly**
In that country, there is a culture of eating live **firefly** squid.
- muggy** *adj.* uncomfortably warm and humid, with a sense of dampness in the air; oppressive or damp in the atmosphere or feeling
synonym : humid, damp, sticky
(1) **muggy** summer, (2) **muggy** air
The hot and **muggy** weather made it difficult to breathe.
- boggy** *adj.* containing a lot of soft, wet soil; marshy, swampy, or waterlogged
synonym : swampy, marshy, mucky
(1) **boggy** land, (2) **boggy** area
The trail through the forest was so **boggy** that our shoes

became soaked.

brim

n. the top edge of a cup, bowl, or other containers; a circular projecting edge at the bottom of a hat

synonym: beak, edge, bound

(1) the **brim** of a hat, (2) the pelvic **brim**

The glass was filled to the **brim** with beer.

cranberry

n. a small, tart red berry often used in cooking or for its medicinal properties

(1) fresh **cranberry**, (2) **cranberry** sauce

I need to buy some **cranberry** juice for the recipe I'm making.

emanate

v. to emit, send out something; to express a quality or feeling

synonym: radiate, exude, give off

(1) **emanate** light, (2) **emanate** happiness

The fragrance of flowers **emanated** from the garden.

curdle

v. to separate or cause to separate into solid lumps, particularly as a result of spoilage or by the addition of an acidic substance; to cause someone to feel uncomfortable or uneasy

synonym: clot, solidify, curd

(1) make his blood **curdle**, (2) start to **curdle** in the hot sun

If you add lemon juice to milk, it will **curdle** and form chunks.

chymosin

n. a protease enzyme found in the stomachs of young ruminant animals, used in the production of cheese to curdle milk and separate the curds and whey

synonym: rennin, chymase, protease

(1) **chymosin** enzyme, (2) **chymosin** production

The use of **chymosin** in cheese production has decreased the need for animal rennet.

pineapple

n. tropical fruit with a rough, spiky exterior and sweet, juicy flesh inside, often used in cooking, baking, or as a snack

synonym : ananas, tropical fruit, bromeliad

(1) ripe **pineapple**, (2) canned **pineapple**

I love to eat fresh **pineapple** in my fruit salad.

casein

n. a protein found in milk and cheese that is commonly used in the manufacture of plastics, glues, and other products

synonym : milk protein, cheese protein

(1) micellar **casein**, (2) **casein** allergy

The bodybuilder consumes a scoop of **casein** protein before bedtime to fuel muscle growth and recovery overnight.

simmer

v. to cook food over low heat in a liquid, maintaining a temperature just below boiling point; to be filled with a low level of intense emotion; to be on the verge of expressing strong feelings

synonym : stew, boil slowly, cook gently

(1) **simmer** until water evaporates, (2) **simmer** in her mind for years

The soup must **simmer** for at least an hour for all the flavors to blend.

blueprint

n. a photographic print of an early plan for a building or machine

synonym : draft, prototype, sketch

(1) **blueprint** for economic reform, (2) architect's **blueprint**

A business plan is a **blueprint** for your success.

laborer

n. a person who works hard physically, typically doing unskilled or manual labor; a worker or employee who performs physically demanding tasks

synonym : worker, employee, operative

(1) **laborer** job, (2) skilled **laborer**

The construction site hired many **laborers** to help with the heavy lifting.

abbreviation

n. a shortened form of a word or phrase used to represent the whole, typically for ease of use

synonym: short form, acronym, initialism

(1) currency **abbreviation**, (2) **abbreviation** of the full name

In the medical field, service **abbreviation** refers to medical procedures, diagnoses, and medications.

helix

n. a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

synonym: coil, spiral, twist

(1) **helix** structure, (2) alpha **helix**

The DNA molecule is shaped like a double **helix**.

conformation

n. the shape or structure of something, particularly an organism's physical or anatomical structure; agreement, correspondence, or conformity to a certain standard, pattern, or expectation

synonym: compliance, agreement, correspondence

(1) **conformation** analysis, (2) **conformation** form

The **conformation** of the protein is crucial to its function.

microbe

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

synonym: germ, microorganism, bacterium

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

Microbes thrive on the surface of the human skin.

tinker

v. to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way

synonym: fiddle, play, fix

(1) **tinker** with the bill, (2) **tinker** with the settings

He spent the afternoon **tinkering** with his car engine.

rearrange

v. to change the order or position of things already made; to change the time, date, or place of an event already planned

synonym:

readjust, reorganize, reconstruct

(1) **rearrange** the furniture, (2) **rearrange** his schedule
Please **rearrange** these files as we start a new project tomorrow.

detergent

n. a substance used for washing or cleaning, especially one that can remove dirt or stains effectively

synonym: soap, cleanser, disinfectant

(1) **detergent** solution, (2) laundry **detergent**

I use environmentally friendly **detergent** when I wash my clothes and dishes.

gamble

v. to take risky action in the hope of being successful; to play or game for money or other stakes

synonym: bet, venture, wager

(1) **gamble** \$100 on the race, (2) **gamble** away my fortune

Will you **gamble** on the result of the fight?

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.

ballpark

v. a place or facility where baseball is played; a rough estimation of something

synonym: arena, proximity, vicinity

(1) **ballpark** price, (2) major-league **ballpark**

It'll be somewhere in the **ballpark** of \$100.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only

improvisation.

chop

v. to cut something into pieces with a sharp tool, such as a knife

synonym: cut, hack, slice

(1) **chop** wood, (2) **chop** a meet with a knife

The cook **chopped** the vegetables for the soup.

extrapolate

v. to guess or think about what might happen or estimate something using the facts that you have now

synonym: deduce, reason, infer

(1) **extrapolate** the results, (2) **extrapolate** animal dose

This predictive model mechanically **extrapolates** past trends into the future.

visualize

v. to form a mental image or concept of something; to make something visible

synonym: imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

dedicate

v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

synonym: consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

phenylketonuria

n. a genetic disorder that causes a build-up of phenylalanine (= an essential amino acid) in the body and can lead to intellectual disability, behavioral problems, seizures, and other physical and mental health issues

synonym: PKU, folling's disease

(1) **phenylketonuria** test, (2) **phenylketonuria** diet

Newborns with **phenylketonuria** must follow a strict diet to prevent any negative effects on their health.

phenylalanine

n. an essential amino acid that plays a crucial role in protein synthesis and various other physiological processes in the human body but can be dangerous in excessive amounts for people with phenylketonuria (PKU)

synonym : amino acid, Phe

(1) **phenylalanine** deficiency, (2) **phenylalanine** hydroxylase

Certain soft drinks and sugar-free products have warning label about their **phenylalanine** content.

ingest

v. to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge

synonym : swallow, consume, devour

(1) **ingest** food, (2) **ingest** medication

People who compulsively **ingest** non-food items, such as dirt or chalk, suffer from a condition called pica.

intellect

n. the ability to think logically and comprehend information, especially at an advanced level

synonym : mind, brightness, cleverness

(1) enrich my **intellect**, (2) human **intellect**

Your **intellect** is capable of distinguishing among similar objects.

prick

v. to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

synonym : poke, jab, sting

(1) **prick** a balloon, (2) **prick** up her ears

He accidentally **pricked** his finger with the needle.

microplastic

n. tiny plastic fragments in the environment originating from consumer products and industrial waste

(1) **microplastic** particle, (2) **microplastic** pollution in the sea

Several scholars have pointed out that inhalation of **microplastics** may have adverse effects on the human body.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

biodegrade

v. to decay naturally by microorganisms, such as bacteria and fungi

(1) **biodegrade** by the microorganism, (2) bioplastic designed to **biodegrade**

The company's plastic products are easily **biodegraded** thanks to a unique manufacturing process.

methane

n. a chemical compound with the chemical formula CH₄ 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.

nit

n. the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person

(1) **nit** in the dog's fur, (2) she is a little **nit**

Careful brushing can remove **nit**.

chowhound

n. a person who enjoys eating and has a hearty appetite; a dog that eats eagerly and without discrimination

synonym : foodie, gourmet, glutton

(1) **chowhound's** paradise, (2) avid **chowhound**

As a self-proclaimed **chowhound**, I was thrilled to attend a food festival featuring international cuisines.

chew

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

synonym : masticate, crush, grind

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

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

footprint

n. a mark of a foot, shoe, or animal's foot left on a surface

synonym : footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

crossroad

n. a place where two or more roads or paths cross or intersect; a point of decision or choice, often involving significant consequences

synonym : intersection, junction, fork

(1) critical **crossroad**, (2) major **crossroad**

I'm at a career **crossroads** and unsure which path to take.

Session 2: Spelling

1. con_____ion analysis *n.* the shape or structure of something, particularly an organism's physical or anatomical structure; agreement, correspondence, or conformity to a certain standard, pattern, or expectation

2. la_____r job *n.* a person who works hard physically, typically doing unskilled or manual labor; a worker or employee who performs physically demanding tasks

3. major cr_____ad *n.* a place where two or more roads or paths cross or intersect; a point of decision or choice, often involving significant consequences

4. alpha he__x *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

5. ch_____in production *n.* a protease enzyme found in the stomachs of young ruminant animals, used in the production of cheese to curdle milk and separate the curds and whey

6. n_t in the dog's fur *n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person

7. currency abb_____ion *n.* a shortened form of a word or phrase used to represent the whole, typically for ease of use

ANSWERS: 1. conformation, 2. laborer, 3. crossroad, 4. helix, 5. chymosin, 6. nit, 7. abbreviation

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| 8. ti___r with the settings | v. | to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way |
| 9. reduce me_____e emissions | n. | a chemical compound with the chemical formula CH ₄ with no smell or color, often used as a fuel |
| 10. avid ch_____nd | n. | a person who enjoys eating and has a hearty appetite; a dog that eats eagerly and without discrimination |
| 11. mi_____es sterilizer | n. | a tiny living thing that can only be seen with a microscope and that may cause disease |
| 12. de_____e his public image | v. | to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others |
| 13. fo_____nts in the snow | n. | a mark of a foot, shoe, or animal's foot left on a surface |
| 14. ripe pi_____le | n. | tropical fruit with a rough, spiky exterior and sweet, juicy flesh inside, often used in cooking, baking, or as a snack |
| 15. mic_____tic particle | n. | tiny plastic fragments in the environment originating from consumer products and industrial waste |
| 16. imp_____ion on stage | n. | the act of making something up on the spot or creating or performing something without preparation |
| 17. c__p wood | v. | to cut something into pieces with a sharp tool, such as a knife |

ANSWERS: 8. tinker, 9. methane, 10. chowhound, 11. microbe, 12. degrade, 13. footprint, 14. pineapple, 15. microplastic, 16. improvisation, 17. chop

18. atmospheric me____e *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
19. bo__y land *adj.* containing a lot of soft, wet soil; marshy, swampy, or waterlogged
20. major-league ba____rk *v.* a place or facility where baseball is played; a rough estimation of something
21. li__c scent *n.* a small tree or shrub with fragrant purple or white flowers; the pale purplish or lavender color of the lilac flower
22. vi____ze data *v.* to form a mental image or concept of something; to make something visible
23. ext____te animal dose *v.* to guess or think about what might happen or estimate something using the facts that you have now
24. the glow of a fi____y *n.* a flying nocturnal insect common in warm regions with a tail that shines in the dark
25. he__x structure *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
26. make his blood cu____e *v.* to separate or cause to separate into solid lumps, particularly as a result of spoilage or by the addition of an acidic substance; to cause someone to feel uncomfortable or uneasy
27. cr____ry sauce *n.* a small, tart red berry often used in cooking or for its medicinal properties

ANSWERS: 18. methane, 19. boggy, 20. ballpark, 21. lilac, 22. visualize, 23. extrapolate, 24. firefly, 25. helix, 26. curdle, 27. cranberry

28. con_____ion form *n.* the shape or structure of something, particularly an organism's physical or anatomical structure; agreement, correspondence, or conformity to a certain standard, pattern, or expectation
29. ga___e away my fortune *v.* to take risky action in the hope of being successful; to play or game for money or other stakes
30. de_____te a chapter to the subject *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
31. c__w each word *v.* to crush or grind something, especially food, with the teeth and then swallow it
32. canned pi_____le *n.* tropical fruit with a rough, spiky exterior and sweet, juicy flesh inside, often used in cooking, baking, or as a snack
33. human in_____ct *n.* the ability to think logically and comprehend information, especially at an advanced level
34. in___t medication *v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge
35. si___r until water evaporates *v.* to cook food over low heat in a liquid, maintaining a temperature just below boiling point; to be filled with a low level of intense emotion; to be on the verge of expressing strong feelings

ANSWERS: 28. conformation, 29. gamble, 30. dedicate, 31. chew, 32. pineapple, 33. intellect, 34. ingest, 35. simmer

36. mic_____tic pollution in the sea *n.* tiny plastic fragments in the environment originating from consumer products and industrial waste
37. re_____ge his schedule *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
38. skilled la_____r *n.* a person who works hard physically, typically doing unskilled or manual labor; a worker or employee who performs physically demanding tasks
39. ba_____rk price *v.* a place or facility where baseball is played; a rough estimation of something
40. de_____te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
41. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
42. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
43. phe_____ria diet *n.* a genetic disorder that causes a build-up of phenylalanine (= an essential amino acid) in the body and can lead to intellectual disability, behavioral problems, seizures, and other physical and mental health issues
44. em_____e light *v.* to emit, send out something; to express a quality or feeling
45. phe_____ria test *n.* a genetic disorder that causes a build-up of phenylalanine (= an essential amino acid) in the body and can lead to intellectual disability, behavioral problems, seizures, and other physical and mental health issues

ANSWERS: 36. microplastic, 37. rearrange, 38. laborer, 39. ballpark, 40. dedicate, 41. emit, 42. emit, 43. phenylketonuria, 44. emanate, 45. phenylketonuria

46. si___r in her mind for years *v.* to cook food over low heat in a liquid, maintaining a temperature just below boiling point; to be filled with a low level of intense emotion; to be on the verge of expressing strong feelings
47. architect's bl_____nt *n.* a photographic print of an early plan for a building or machine
48. blooming li__c *n.* a small tree or shrub with fragrant purple or white flowers; the pale purplish or lavender color of the lilac flower
49. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
50. re_____ge the furniture *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
51. phe_____ine deficiency *n.* an essential amino acid that plays a crucial role in protein synthesis and various other physiological processes in the human body but can be dangerous in excessive amounts for people with phenylketonuria (PKU)
52. ch_____in enzyme *n.* a protease enzyme found in the stomachs of young ruminant animals, used in the production of cheese to curdle milk and separate the curds and whey
53. bioplastic designed to bio_____de *v.* to decay naturally by microorganisms, such as bacteria and fungi

ANSWERS: 46. simmer, 47. blueprint, 48. lilac, 49. microbe, 50. rearrange, 51. phenylalanine, 52. chymosin, 53. biodegrade

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|-------------------------------------|-----------|---|
| 54. bl_____nt for economic reform | <i>n.</i> | a photographic print of an early plan for a building or machine |
| 55. pr__k up her ears | <i>v.</i> | to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication |
| 56. vi_____ze flying through space | <i>v.</i> | to form a mental image or concept of something; to make something visible |
| 57. bio_____de by the microorganism | <i>v.</i> | to decay naturally by microorganisms, such as bacteria and fungi |
| 58. de_____e environmental quality | <i>v.</i> | to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others |
| 59. ca___n allergy | <i>n.</i> | a protein found in milk and cheese that is commonly used in the manufacture of plastics, glues, and other products |
| 60. laundry de_____nt | <i>n.</i> | a substance used for washing or cleaning, especially one that can remove dirt or stains effectively |
| 61. sparkle like fi_____y | <i>n.</i> | a flying nocturnal insect common in warm regions with a tail that shines in the dark |
| 62. em_____e happiness | <i>v.</i> | to emit, send out something; to express a quality or feeling |
| 63. jazz imp_____ion | <i>n.</i> | the act of making something up on the spot or creating or performing something without preparation |

ANSWERS: 54. blueprint, 55. prick, 56. visualize, 57. biodegrade, 58. degrade, 59. casein, 60. detergent, 61. firefly, 62. emanate, 63. improvisation

64. enrich my in_____ct *n.* the ability to think logically and comprehend information, especially at an advanced level
65. ti___r with the bill *v.* to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way
66. the b__m of a hat *n.* the top edge of a cup, bowl, or other containers; a circular projecting edge at the bottom of a hat
67. fresh cr_____ry *n.* a small, tart red berry often used in cooking or for its medicinal properties
68. c__w a stick of gum *v.* to crush or grind something, especially food, with the teeth and then swallow it
69. critical cr_____ad *n.* a place where two or more roads or paths cross or intersect; a point of decision or choice, often involving significant consequences
70. ch_____nd's paradise *n.* a person who enjoys eating and has a hearty appetite; a dog that eats eagerly and without discrimination
71. pr__k a balloon *v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication
72. mu__y summer *adj.* uncomfortably warm and humid, with a sense of dampness in the air; oppressive or damp in the atmosphere or feeling

ANSWERS: 64. intellect, 65. tinker, 66. brim, 67. cranberry, 68. chew, 69. crossroad, 70. chowhound, 71. prick, 72. muggy

73. bo__y area *adj.* containing a lot of soft, wet soil; marshy, swampy, or waterlogged
74. ext_____te the results *v.* to guess or think about what might happen or estimate something using the facts that you have now
75. the pelvic b__m *n.* the top edge of a cup, bowl, or other containers; a circular projecting edge at the bottom of a hat
76. phe_____ine hydroxylase *n.* an essential amino acid that plays a crucial role in protein synthesis and various other physiological processes in the human body but can be dangerous in excessive amounts for people with phenylketonuria (PKU)
77. start to cu___e in the hot sun *v.* to separate or cause to separate into solid lumps, particularly as a result of spoilage or by the addition of an acidic substance; to cause someone to feel uncomfortable or uneasy
78. she is a little n_t *n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person
79. c__p a meet with a knife *v.* to cut something into pieces with a sharp tool, such as a knife
80. ga___e \$100 on the race *v.* to take risky action in the hope of being successful; to play or game for money or other stakes
81. abb_____ion of the full name *n.* a shortened form of a word or phrase used to represent the whole, typically for ease of use

ANSWERS: 73. boggy, 74. extrapolate, 75. brim, 76. phenylalanine, 77. curdle, 78. nit, 79. chop, 80. gamble, 81. abbreviation

82. de_____nt solution *n.* a substance used for washing or cleaning, especially one that can remove dirt or stains effectively
83. mu__y air *adj.* uncomfortably warm and humid, with a sense of dampness in the air; oppressive or damp in the atmosphere or feeling
84. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
85. micellar ca___n *n.* a protein found in milk and cheese that is commonly used in the manufacture of plastics, glues, and other products
86. in___t food *v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge

ANSWERS: 82. detergent, 83. muggy, 84. footprint, 85. casein, 86. ingest

Session 3: Fill in the Blanks

1. Certain soft drinks and sugar-free products have warning label about their _____ content.
 - n.* an essential amino acid that plays a crucial role in protein synthesis and various other physiological processes in the human body but can be dangerous in excessive amounts for people with phenylketonuria (PKU)
2. The cook _____ the vegetables for the soup.
 - v.* to cut something into pieces with a sharp tool, such as a knife
3. The _____ of the protein is crucial to its function.
 - n.* the shape or structure of something, particularly an organism's physical or anatomical structure; agreement, correspondence, or conformity to a certain standard, pattern, or expectation
4. Newborns with _____ must follow a strict diet to prevent any negative effects on their health.
 - n.* a genetic disorder that causes a build-up of phenylalanine (= an essential amino acid) in the body and can lead to intellectual disability, behavioral problems, seizures, and other physical and mental health issues
5. He created a beautiful piece of music using only _____.
 - n.* the act of making something up on the spot or creating or performing something without preparation
6. He _____ his life to helping others.
 - v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

ANSWERS: 1. phenylalanine, 2. chopped, 3. conformation, 4. phenylketonuria, 5. improvisation, 6. dedicated

7. The company's plastic products are easily _____ thanks to a unique manufacturing process.
- v.* to decay naturally by microorganisms, such as bacteria and fungi
8. _____ thrive on the surface of the human skin.
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease
9. I need to buy some _____ juice for the recipe I'm making.
- n.* a small, tart red berry often used in cooking or for its medicinal properties
10. I use environmentally friendly _____ when I wash my clothes and dishes.
- n.* a substance used for washing or cleaning, especially one that can remove dirt or stains effectively
11. The fragrance of flowers _____ from the garden.
- v.* to emit, send out something; to express a quality or feeling
12. The beautiful _____ bush in my yard blooms every spring.
- n.* a small tree or shrub with fragrant purple or white flowers; the pale purplish or lavender color of the lilac flower
13. The hot and _____ weather made it difficult to breathe.
- adj.* uncomfortably warm and humid, with a sense of dampness in the air; oppressive or damp in the atmosphere or feeling
14. Your _____ is capable of distinguishing among similar objects.
- n.* the ability to think logically and comprehend information, especially at an advanced level

ANSWERS: 7. biodegraded, 8. Microbes, 9. cranberry, 10. detergent, 11. emanated, 12. lilac, 13. muggy, 14. intellect

15. Please _____ these files as we start a new project tomorrow.
- v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
16. The glass was filled to the _____ with beer.
- n.* the top edge of a cup, bowl, or other containers; a circular projecting edge at the bottom of a hat
17. The use of _____ in cheese production has decreased the need for animal rennet.
- n.* a protease enzyme found in the stomachs of young ruminant animals, used in the production of cheese to curdle milk and separate the curds and whey
18. Will you _____ on the result of the fight?
- v.* to take risky action in the hope of being successful; to play or game for money or other stakes
19. I love to eat fresh _____ in my fruit salad.
- n.* tropical fruit with a rough, spiky exterior and sweet, juicy flesh inside, often used in cooking, baking, or as a snack
20. My dog loves to _____ on bones.
- v.* to crush or grind something, especially food, with the teeth and then swallow it
21. The soup must _____ for at least an hour for all the flavors to blend.
- v.* to cook food over low heat in a liquid, maintaining a temperature just below boiling point; to be filled with a low level of intense emotion; to be on the verge of expressing strong feelings
22. We choose transportation that has a smaller carbon _____.
- n.* a mark of a foot, shoe, or animal's foot left on a surface

ANSWERS: 15. rearrange, 16. brim, 17. chymosin, 18. gamble, 19. pineapple, 20. chew, 21. simmer, 22. footprint

23. The bodybuilder consumes a scoop of _____ protein before bedtime to fuel muscle growth and recovery overnight.
- n.* a protein found in milk and cheese that is commonly used in the manufacture of plastics, glues, and other products
24. Careful brushing can remove ____.
- n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person
25. The ignition of _____ gas in the plant killed five employees.
- n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
26. In the medical field, service _____ refers to medical procedures, diagnoses, and medications.
- n.* a shortened form of a word or phrase used to represent the whole, typically for ease of use
27. I'm at a career _____ and unsure which path to take.
- n.* a place where two or more roads or paths cross or intersect; a point of decision or choice, often involving significant consequences
28. A business plan is a _____ for your success.
- n.* a photographic print of an early plan for a building or machine
29. People who compulsively _____ non-food items, such as dirt or chalk, suffer from a condition called pica.
- v.* to take food or drink into the body, often through the mouth; to absorb or assimilate something, often used to describe the intake of information or knowledge

ANSWERS: 23. casein, 24. nit, 25. methane, 26. abbreviation, 27. crossroads, 28. blueprint, 29. ingest

30. The trail through the forest was so _____ that our shoes became soaked.

adj. containing a lot of soft, wet soil; marshy, swampy, or waterlogged

31. This predictive model mechanically _____ past trends into the future.

v. to guess or think about what might happen or estimate something using the facts that you have now

32. You should not _____ yourself by allowing them to use you.

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

33. In that country, there is a culture of eating live _____ squid.

n. a flying nocturnal insect common in warm regions with a tail that shines in the dark

34. It'll be somewhere in the _____ of \$100.

v. a place or facility where baseball is played; a rough estimation of something

35. Several scholars have pointed out that inhalation of _____ may have adverse effects on the human body.

n. tiny plastic fragments in the environment originating from consumer products and industrial waste

36. She tried to _____ the layout of the new house in her mind.

v. to form a mental image or concept of something; to make something visible

37. During the unloading, the container box _____ a clicking sound.

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

ANSWERS: 30. boggy, 31. extrapolates, 32. degrade, 33. firefly, 34. ballpark, 35. microplastics, 36. visualize, 37. emits

38. The construction site hired many _____ to help with the heavy lifting.
- n.* a person who works hard physically, typically doing unskilled or manual labor; a worker or employee who performs physically demanding tasks
39. As a self-proclaimed _____ I was thrilled to attend a food festival featuring international cuisines.
- n.* a person who enjoys eating and has a hearty appetite; a dog that eats eagerly and without discrimination
40. If you add lemon juice to milk, it will _____ and form chunks.
- v.* to separate or cause to separate into solid lumps, particularly as a result of spoilage or by the addition of an acidic substance; to cause someone to feel uncomfortable or uneasy
41. The DNA molecule is shaped like a double _____.
- n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
42. He spent the afternoon _____ with his car engine.
- v.* to make repairs, adjustments, or improvements to something, especially in an experimental or makeshift way
43. He accidentally _____ his finger with the needle.
- v.* to make a small hole or puncture or to cause a slight, sharp pain; to stimulate or provoke a reaction or response; to use needles to administer a vaccine or medication

ANSWERS: 38. laborers, 39. chowhound, 40. curdle, 41. helix, 42. tinkering, 43. pricked