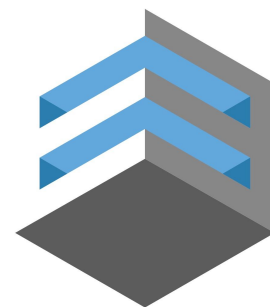


Englist.me



Vocabulary Builder Reference from...

Lauren Hodge, Shree Bose + Naomi Shah:

Award-winning teenage science in action | TED Talk

[https://www.ted.com/talks/lauren_hodge_shree_bose](https://www.ted.com/talks/lauren_hodge_shree_bose_naomi_shah_award_winning_teenage_science_in_action)

[_naomi_shah_award_winning_teenage_science_in_a](https://www.ted.com/talks/lauren_hodge_shree_bose_naomi_shah_award_winning_teenage_science_in_action)

[ction](https://www.ted.com/talks/lauren_hodge_shree_bose_naomi_shah_award_winning_teenage_science_in_action)

Advanced Words Only

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source.

We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

heterocyclic

adj. pertaining to a chemical compound or molecule that contains a ring structure composed of atoms of at least two different elements

synonym : ringed, cyclic, heterogenous

(1) **heterocyclic** derivatives, (2) **heterocyclic** chemistry

The scientist researched the effects of **heterocyclic** compounds on plant growth.

amine

n. an organic compound characterized by the presence of an amino group; a derivative of ammonia, often used in the production of dyes, pharmaceuticals, and other chemical compounds

synonym : amino group, aminoalkane

(1) **amine** compound, (2) organic **amine**

She conducted a series of tests to identify the specific **amine** derivative present in the sample.

immunogenicity

n. the ability of a substance, typically a vaccine or antigen, to induce an immune response in the body, which refers to the capacity of the substance to elicit the production of immune cells and antibodies, leading to an immune reaction and the development of immune memory

synonym :

immunogen, antigenicity

(1) **immunogenicity** assay, (2) therapeutic

immunogenicity

The scientists conducted extensive research to determine the **immunogenicity** of the new vaccine.

carcinogenic

adj. capable of causing cancer or promoting tumor growth;
cancer-causing

synonym: cancer-causing, cancerous, malignant

(1) **carcinogenic** chemicals, (2) **carcinogenic** air pollution

Long-term exposure to **carcinogenic** materials can result in serious health problems.

metastasize

v. (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location

synonym: spread, multiply, disseminate

(1) **metastasize** to the liver, (2) **metastasize** from breast cancer

Cancer cells can **metastasize** and spread to other body parts if left untreated.

ammonia

n. a compound of nitrogen and hydrogen that forms a gas with a strong smell, used as cleaning substances, fertilizers, and explosives

(1) **ammonia** water, (2) inhale **ammonia** fumes

The advent of **ammonia** fertilizers markedly increased agricultural productivity.

antioxidant

n. a substance that inhibits oxidation, especially one used to counteract the deterioration of stored food products

(1) high levels of **antioxidants**, (2) **antioxidant** behavior

Fruits and vegetables are good sources of **antioxidants**.

classify

v. to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or

properties

synonym: categorize, sort, arrange

(1) **classify** images, (2) **classify** emails into folders

I need to **classify** these documents for the upcoming audit.

medicinal

adj. of or relating to the treatment or cure of disease

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

marinade

n. a liquid mixture of herbs, spices, oil, and vinegar or citrus juice used to flavor and tenderize meat or fish before cooking; a soaking or immersion in this mixture

synonym: marinate, dressing, sauce

(1) **marinade** sauce, (2) **marinade** meat

I love to use a citrus-based **marinade** for seafood dishes.

opportune

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

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

amass

v. to accumulate or gather a large quantity of something over time; to collect or assemble for future use or reference

synonym: gather, collect, accumulate

(1) **amass** a patent portfolio, (2) **amass** followers

She had **amassed** a fortune through wise investments and shrewd business decisions.

chromatography

n. a laboratory technique used to separate and analyze chemical mixtures based on their constituent properties and interactions, often using a stationary phase and a mobile phase to isolate and identify individual components

synonym : chromato, gel filtration, ion-exchange

(1) paper **chromatography**, (2) high-performance liquid **chromatography**

Gas **chromatography** is a powerful analytical technique for identifying and quantifying volatile organic compounds in complex mixtures.

spectrometer

n. a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials

synonym : spectroscope, analyzer, detector

(1) **spectrometer** measurement, (2) optical **spectrometer**

The infrared **spectrometer** helped identify the chemical composition of the sample.

saltwater

adj. of or connected with seawater or water containing salt; living in or found in the sea

synonym : marine, naval, maritime

(1) a **saltwater** fish, (2) **saltwater** crocodile

The ecosystem upstream of the river significantly impacts the **saltwater** ecosystem downstream.

negligible

adj. so small or insignificant as to be not worth considering; negligible amounts or effects are too minor or unimportant to have any major impact

synonym : insignificant, trivial, minor

(1) **negligible** impact, (2) a **negligible** amount of time

The cost of the repairs was **negligible** compared to the value of the antique car.

inconclusive

adj. without any significant results or proof or decision

synonym : ambiguous, unsettled, uncertain

(1) **inconclusive** debate, (2) **inconclusive** evidence

Climate behavior models are frequently **inconclusive**.

spinach

n. a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger

(1) **spinach** salad, (2) frozen **spinach**

Fresh **spinach** is a good source of vitamins and minerals.

passee

adj. no longer fashionable or current; outdated; considered to be old-fashioned or out of date

synonym: outdated, old-fashioned, antique

(1) **passee** entertainment, (2) **passee** trend

Bell-bottom jeans, once considered **passee** fashion, have made a surprising comeback in recent years.

profess

v. to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm

synonym: declare, claim, confess

(1) **profess** innocence, (2) **profess** law

He **professes** his love for her every day, showering her with gifts and affection.

ovary

n. either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

(1) **ovary** atrophy, (2) salted **ovary** of walleye pollack

They found **ovary** cancer in an early stage.

reimagine

v. to imagine or conceive of something in a new or different way

synonym: re-conceptualize, re-envision, re-create

(1) **reimagine** the future, (2) **reimagine** the possibilities

The company is trying to **reimagine** its business model to stay competitive.

grandchild

n. a child of someone's son or daughter

synonym: offspring, descendant, progeny

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

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

aft

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

(1) **aft** cabin, (2) **aft** view

The **aft** section of the ship suffered significant damage after the collision with the reef.

wither

v. to gradually shrink, shrivel, or become weaker, often due to lack of nourishment, age, or disease; to lose freshness, vitality, or vigor

synonym: fade, wilt, shrivel

(1) **wither** corporate management, (2) **wither** in the heat

The flowers in the garden began to **wither** due to lack of water.

confuse

v. to mistake one thing for another; to make somebody hard to understand

synonym: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality

Her remarks **confused** the debate.

pollen

n. a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination

synonym: dust, spores, allergen

(1) **pollen** allergy symptoms, (2) high **pollen** count

My allergies flare up during **pollen** season, making it difficult to breathe.

pollutant

n. a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil

synonym: contaminant, toxic substance

(1) noxious **pollutant**, (2) water **pollutant**

The factory's use of chemicals has made it a significant **pollutant** in the area.

culprit

n. someone who is responsible for a crime or wrongdoing
synonym: criminal, felon, fugitive

(1) the **culprit** of global warming, (2) the arrest of the **culprit**

They finally found the **culprit** of the bug after a long time.

quants

n. quantitative analysts or individuals who specialize in using quantitative methods, including mathematical and statistical modeling, in analyzing financial markets and making investment decisions

synonym: quantitative analysts, number crunchers, data scientists

(1) the team of **quants**, (2) industry **quants**

Many financial **quants** work in investment banks, using complex mathematical models to analyze financial data.

remediate

v. to correct, repair, or improve a problem or pitfall, often in a technological, environmental, or medical context

synonym: correct, rectify, fix

(1) **remediate** damage, (2) **remediate** the situation

We need to **remediate** the contaminated soil before it is safe to use.

exhale

v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

synonym: breathe out, expel, emit

(1) **exhale** a big sigh, (2) **exhale** cigarette smoke

He took a deep breath and slowly began to **exhale**.

crux

n. the most important or fundamental part of a matter or situation; the key point or central issue

synonym: heart, core, essence

(1) main **crux**, (2) the **crux** of the argument

The **crux** of the matter was that the company was not

financially stable.

steroid

n. any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

(1) **steroid** abuse, (2) a **steroid** hormone

Some **steroids** are banned for use by athletes because of their muscle-building effects.

inhale

v. to breathe in air or a different substance, such as smoke
synonym: breathe in, take in, draw in

(1) **inhale** the smoke, (2) **inhale** the aroma

He **inhaled** deeply, trying to calm down.

incense

n. a substance that is burned to produce a pleasant scent, often used in religious or spiritual ceremonies; figuratively, something that is pleasing or satisfying to the senses, feelings, or emotions

synonym: fragrance, aroma, perfume

(1) **incense** burner, (2) **incense** stick

In ancient times, people believed that burning **incense** helped ward off evil spirits.

remodel

v. to change the structure or form of something
synonym: refurbish, remake, revamp

(1) **remodel** the car, (2) **remodel** portfolio

We are **remodeling** these rooms now.

Session 2: Spelling

1. imm_____ity assay *n.* the ability of a substance, typically a vaccine or antigen, to induce an immune response in the body, which refers to the capacity of the substance to elicit the production of immune cells and antibodies, leading to an immune reaction and the development of immune memory

2. the cu_____t of global warming *n.* someone who is responsible for a crime or wrongdoing

3. ex___e a big sigh *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

4. therapeutic imm_____ity *n.* the ability of a substance, typically a vaccine or antigen, to induce an immune response in the body, which refers to the capacity of the substance to elicit the production of immune cells and antibodies, leading to an immune reaction and the development of immune memory

5. in_____e stick *n.* a substance that is burned to produce a pleasant scent, often used in religious or spiritual ceremonies; figuratively, something that is pleasing or satisfying to the senses, feelings, or emotions

6. salted ov___y of walleye pollack *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

ANSWERS: 1. immunogenicity, 2. culprit, 3. exhale, 4. immunogenicity, 5. incense, 6. ovary

- | | |
|----------------------------------|--|
| 7. car_____nic chemicals | <i>adj.</i> capable of causing cancer or promoting tumor growth; cancer-causing |
| 8. gra_____ld development | <i>n.</i> a child of someone's son or daughter |
| 9. me_____al chemistry | <i>adj.</i> of or relating to the treatment or cure of disease |
| 10. a neg_____le amount of time | <i>adj.</i> so small or insignificant as to be not worth considering; negligible amounts or effects are too minor or unimportant to have any major impact |
| 11. a_t cabin | <i>adj.</i> (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle |
| 12. wi____r corporate management | <i>v.</i> to gradually shrink, shrivel, or become weaker, often due to lack of nourishment, age, or disease; to lose freshness, vitality, or vigor |
| 13. in____e the aroma | <i>v.</i> to breathe in air or a different substance, such as smoke |
| 14. pa__e trend | <i>adj.</i> no longer fashionable or current; outdated; considered to be old-fashioned or out of date |
| 15. am__s followers | <i>v.</i> to accumulate or gather a large quantity of something over time; to collect or assemble for future use or reference |
| 16. sp_____h salad | <i>n.</i> a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger |

ANSWERS: 7. carcinogenic, 8. grandchild, 9. medicinal, 10. negligible, 11. aft, 12. wither, 13. inhale, 14. passe, 15. amass, 16. spinach

17. ma_____de sauce *n.* a liquid mixture of herbs, spices, oil, and vinegar or citrus juice used to flavor and tenderize meat or fish before cooking; a soaking or immersion in this mixture
18. ma_____de meat *n.* a liquid mixture of herbs, spices, oil, and vinegar or citrus juice used to flavor and tenderize meat or fish before cooking; a soaking or immersion in this mixture
19. organic am__e *n.* an organic compound characterized by the presence of an amino group; a derivative of ammonia, often used in the production of dyes, pharmaceuticals, and other chemical compounds
20. in_____e burner *n.* a substance that is burned to produce a pleasant scent, often used in religious or spiritual ceremonies; figuratively, something that is pleasing or satisfying to the senses, feelings, or emotions
21. re_____te damage *v.* to correct, repair, or improve a problem or pitfall, often in a technological, environmental, or medical context
22. cl_____fy images *v.* to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties
23. ant_____nt behavior *n.* a substance that inhibits oxidation, especially one used to counteract the deterioration of stored food products
24. pr_____s law *v.* to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm

ANSWERS: 17. marinade, 18. marinade, 19. amine, 20. incense, 21. remediate, 22. classify, 23. antioxidant, 24. profess

25. met_____ze to the liver *v.* (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location
26. co_____e the listener *v.* to mistake one thing for another; to make somebody hard to understand
27. ex_____e cigarette smoke *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
28. met_____ze from breast cancer *v.* (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location
29. re_____l the car *v.* to change the structure or form of something
30. car_____nic air pollution *adj.* capable of causing cancer or promoting tumor growth; cancer-causing
31. inc_____ive evidence *adj.* without any significant results or proof or decision
32. a_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
33. a sa_____er fish *adj.* of or connected with seawater or water containing salt; living in or found in the sea
34. st_____d abuse *n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs
35. noxious po_____nt *n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil

ANSWERS: 25. metastasize, 26. confuse, 27. exhale, 28. metastasize, 29. remodel, 30. carcinogenic, 31. inconclusive, 32. aft, 33. saltwater, 34. steroid, 35. pollutant

36. het_____lic derivatives *adj.* pertaining to a chemical compound or molecule that contains a ring structure composed of atoms of at least two different elements
37. paper chr_____phy *n.* a laboratory technique used to separate and analyze chemical mixtures based on their constituent properties and interactions, often using a stationary phase and a mobile phase to isolate and identify individual components
38. inc_____ive debate *adj.* without any significant results or proof or decision
39. industry qu____s *n.* quantitative analysts or individuals who specialize in using quantitative methods, including mathematical and statistical modeling, in analyzing financial markets and making investment decisions
40. am_____a water *n.* a compound of nitrogen and hydrogen that forms a gas with a strong smell, used as cleaning substances, fertilizers, and explosives
41. inhale am_____a fumes *n.* a compound of nitrogen and hydrogen that forms a gas with a strong smell, used as cleaning substances, fertilizers, and explosives
42. high po____n count *n.* a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination

ANSWERS: 36. heterocyclic, 37. chromatography, 38. inconclusive, 39. quants, 40. ammonia, 41. ammonia, 42. pollen

43. a st____d hormone *n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs
44. the c__x of the argument *n.* the most important or fundamental part of a matter or situation; the key point or central issue
45. co____e fantasy with reality *v.* to mistake one thing for another; to make somebody hard to understand
46. neg_____le impact *adj.* so small or insignificant as to be not worth considering; negligible amounts or effects are too minor or unimportant to have any major impact
47. high-performance liquid chr_____phy *n.* a laboratory technique used to separate and analyze chemical mixtures based on their constituent properties and interactions, often using a stationary phase and a mobile phase to isolate and identify individual components
48. cl____fy emails into folders *v.* to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties
49. am__s a patent portfolio *v.* to accumulate or gather a large quantity of something over time; to collect or assemble for future use or reference
50. traditional me_____al *adj.* of or relating to the treatment or cure of disease

ANSWERS: 43. steroid, 44. crux, 45. confuse, 46. negligible, 47. chromatography, 48. classify, 49. amass, 50. medicinal

51. pr____s innocence *v.* to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm
52. re____l portfolio *v.* to change the structure or form of something
53. in____e the smoke *v.* to breathe in air or a different substance, such as smoke
54. sa____er crocodile *adj.* of or connected with seawater or water containing salt; living in or found in the sea
55. main c__x *n.* the most important or fundamental part of a matter or situation; the key point or central issue
56. water po____nt *n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil
57. spe____ter measurement *n.* a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials
58. am__e compound *n.* an organic compound characterized by the presence of an amino group; a derivative of ammonia, often used in the production of dyes, pharmaceuticals, and other chemical compounds
59. the arrest of the cu____t *n.* someone who is responsible for a crime or wrongdoing
60. gra____ld-grandparent relationship *n.* a child of someone's son or daughter

ANSWERS: 51. profess, 52. remodel, 53. inhale, 54. saltwater, 55. crux, 56. pollutant, 57. spectrometer, 58. amine, 59. culprit, 60. grandchild

61. wi___r in the heat *v.* to gradually shrink, shrivel, or become weaker, often due to lack of nourishment, age, or disease; to lose freshness, vitality, or vigor
62. het_____lic chemistry *adj.* pertaining to a chemical compound or molecule that contains a ring structure composed of atoms of at least two different elements
63. optical spe_____ter *n.* a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials
64. pa__e entertainment *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
65. frozen sp_____h *n.* a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger
66. re_____te the situation *v.* to correct, repair, or improve a problem or pitfall, often in a technological, environmental, or medical context
67. the team of qu___s *n.* quantitative analysts or individuals who specialize in using quantitative methods, including mathematical and statistical modeling, in analyzing financial markets and making investment decisions

ANSWERS: 61. wither, 62. heterocyclic, 63. spectrometer, 64. passe, 65. spinach, 66. remediate, 67. quants

68. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
69. high levels of ant_____nts *n.* a substance that inhibits oxidation, especially one used to counteract the deterioration of stored food products
70. re_____ne the possibilities *v.* to imagine or conceive of something in a new or different way
71. ov__y atrophy *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
72. po___n allergy symptoms *n.* a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination
73. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
74. re_____ne the future *v.* to imagine or conceive of something in a new or different way

ANSWERS: 68. opportune, 69. antioxidant, 70. reimagine, 71. ovary, 72. pollen, 73. opportune, 74. reimagine

Session 3: Fill in the Blanks

1. He _____ deeply, trying to calm down.
v. to breathe in air or a different substance, such as smoke
2. Climate behavior models are frequently _____.
adj. without any significant results or proof or decision
3. The company is trying to _____ its business model to stay competitive.
v. to imagine or conceive of something in a new or different way
4. The advent of _____ fertilizers markedly increased agricultural productivity.
n. a compound of nitrogen and hydrogen that forms a gas with a strong smell, used as cleaning substances, fertilizers, and explosives
5. The factory's use of chemicals has made it a significant _____ in the area.
n. a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil
6. Fruits and vegetables are good sources of _____.
n. a substance that inhibits oxidation, especially one used to counteract the deterioration of stored food products
7. Bell-bottom jeans, once considered _____ fashion, have made a surprising comeback in recent years.
adj. no longer fashionable or current; outdated; considered to be old-fashioned or out of date
8. The infrared _____ helped identify the chemical composition of the sample.
n. a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials

ANSWERS: 1. inhaled, 2. inconclusive, 3. reimagine, 4. ammonia, 5. pollutant, 6. antioxidants, 7. passe, 8. spectrometer

9. The flowers in the garden began to _____ due to lack of water.
- v.* to gradually shrink, shrivel, or become weaker, often due to lack of nourishment, age, or disease; to lose freshness, vitality, or vigor
10. Gas _____ is a powerful analytical technique for identifying and quantifying volatile organic compounds in complex mixtures.
- n.* a laboratory technique used to separate and analyze chemical mixtures based on their constituent properties and interactions, often using a stationary phase and a mobile phase to isolate and identify individual components
11. We are _____ these rooms now.
- v.* to change the structure or form of something
12. Many financial _____ work in investment banks, using complex mathematical models to analyze financial data.
- n.* quantitative analysts or individuals who specialize in using quantitative methods, including mathematical and statistical modeling, in analyzing financial markets and making investment decisions
13. He _____ his love for her every day, showering her with gifts and affection.
- v.* to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm
14. The ecosystem upstream of the river significantly impacts the _____ ecosystem downstream.
- adj.* of or connected with seawater or water containing salt; living in or found in the sea
15. We need to _____ the contaminated soil before it is safe to use.
- v.* to correct, repair, or improve a problem or pitfall, often in a technological, environmental, or medical context

ANSWERS: 9. wither, 10. chromatography, 11. remodeling, 12. quants, 13. professes, 14. saltwater, 15. remediate

16. Some _____ are banned for use by athletes because of their muscle-building effects.

n. any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

17. She conducted a series of tests to identify the specific _____ derivative present in the sample.

n. an organic compound characterized by the presence of an amino group; a derivative of ammonia, often used in the production of dyes, pharmaceuticals, and other chemical compounds

18. Fresh _____ is a good source of vitamins and minerals.

n. a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger

19. Long-term exposure to _____ materials can result in serious health problems.

adj. capable of causing cancer or promoting tumor growth; cancer-causing

20. The _____ section of the ship suffered significant damage after the collision with the reef.

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

21. The phone rang at the most _____ time.

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

ANSWERS: 16. steroids, 17. amine, 18. spinach, 19. carcinogenic, 20. aft, 21. opportune

22. The scientist researched the effects of _____ compounds on plant growth.
- adj.* pertaining to a chemical compound or molecule that contains a ring structure composed of atoms of at least two different elements
23. The _____ of the matter was that the company was not financially stable.
- n.* the most important or fundamental part of a matter or situation; the key point or central issue
24. They finally found the _____ of the bug after a long time.
- n.* someone who is responsible for a crime or wrongdoing
25. The scientists conducted extensive research to determine the _____ of the new vaccine.
- n.* the ability of a substance, typically a vaccine or antigen, to induce an immune response in the body, which refers to the capacity of the substance to elicit the production of immune cells and antibodies, leading to an immune reaction and the development of immune memory
26. In ancient times, people believed that burning _____ helped ward off evil spirits.
- n.* a substance that is burned to produce a pleasant scent, often used in religious or spiritual ceremonies; figuratively, something that is pleasing or satisfying to the senses, feelings, or emotions
27. I love to use a citrus-based _____ for seafood dishes.
- n.* a liquid mixture of herbs, spices, oil, and vinegar or citrus juice used to flavor and tenderize meat or fish before cooking; a soaking or immersion in this mixture

ANSWERS: 22. heterocyclic, 23. crux, 24. culprit, 25. immunogenicity, 26. incense, 27. marinade

28. Cancer cells can _____ and spread to other body parts if left untreated.

- v.* (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location

29. The grandparents take care of their _____ while the parents are at work.

- n.* a child of someone's son or daughter

30. I need to _____ these documents for the upcoming audit.

- v.* to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties

31. The cost of the repairs was _____ compared to the value of the antique car.

- adj.* so small or insignificant as to be not worth considering; negligible amounts or effects are too minor or unimportant to have any major impact

32. The _____ properties of this herb have been known to help with various ailments.

- adj.* of or relating to the treatment or cure of disease

33. Her remarks _____ the debate.

- v.* to mistake one thing for another; to make somebody hard to understand

34. They found _____ cancer in an early stage.

- n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

35. He took a deep breath and slowly began to _____.

- v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

ANSWERS: 28. metastasize, 29. grandchild, 30. classify, 31. negligible, 32. medicinal, 33. confused, 34. ovary, 35. exhale

36. My allergies flare up during _____ season, making it difficult to breathe.
- n.* a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination
37. She had _____ a fortune through wise investments and shrewd business decisions.
- v.* to accumulate or gather a large quantity of something over time; to collect or assemble for future use or reference

ANSWERS: 36. pollen, 37. amassed