

Englist.me



Vocabulary Builder Reference from...

Peter Weinstock: Lifelike simulations that make real-life surgery safer | TED Talk

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

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

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**.

anesthetic

n. a substance that is administered to a person or an animal to produce a loss of sensation or consciousness so that medical or surgical procedures can be performed without causing pain

synonym: sedative, anesthesia, painkiller

(1) **anesthetic** injection, (2) local **anesthetic**

The dentist administered an **anesthetic** to numb the patient's mouth before the procedure.

lifelike

adj. resembling or appearing similar to something alive or real, often realistically or vividly; convincing or authentic in appearance or behavior

synonym: realistic, naturalistic, vivid

(1) **lifelike** painting, (2) **lifelike** animation

The artist created a **lifelike** sculpture of a famous politician for the town square.

rehearsal

n. a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing

synonym : practice, run-through, drill

(1) dress **rehearsal**, (2) music **rehearsal**

The theater company had its final **rehearsal** before opening night.

deteriorate

v. to become worse in quality; to decline or degenerate

synonym : decline, degenerate, regress

(1) **deteriorate** at a slow pace, (2) **deteriorate** condition

The patient's health **deteriorated** rapidly after being diagnosed with the disease.

abdomen

n. the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments

synonym : belly, gut, tummy

(1) **abdomen** pain, (2) insect **abdomen**

The weightlifter used his strong **abdomen** muscles to lift the heavy barbell.

intestine

n. a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products

synonym : gut, bowel, tract

(1) large **intestine**, (2) **intestine** wall

The small **intestine** is responsible for absorbing most of the nutrients from food.

translucent

adj. allowing light to pass through but scattering it so that objects behind cannot be seen clearly; partially transparent

synonym : semi-transparent, see-through

(1) **translucent** glass, (2) **translucent** skin

The sunlight shone through the **translucent** curtains, casting a warm glow in the room.

whisk

v. to move something somewhere suddenly and quickly

synonym: whip, hasten, wipe

(1) **whisk** flies away, (2) **whisk** people from entrance to exit

Whisk rapidly until egg whites are foamy.

incision

n. a sharp cut made in something with a sharp tool, especially during a medical procedure

synonym: cut, slit, laceration

(1) **incision** tool, (2) small **incision**

Patients undergoing **incisional** surgery are often put to sleep by anesthesia.

catheter

n. a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure

synonym: tube, drainage tube, pipe

(1) insert **catheter**, (2) urinary **catheter**

After the surgery, the patient was required to wear a **catheter** for several days.

congenital

adj. existing from birth; often used to describe a condition or trait that is inherited or present from the moment of birth

synonym: innate, inborn, inherent

(1) **congenital** disease, (2) **congenital** disorder

Congenital heart defects can often be diagnosed before a baby is born.

diaphragm

n. a large, dome-shaped muscle located at the bottom of the chest cavity, essential for breathing and separating the chest and abdomen; a shallow, dome-shaped device with a flexible rim that is inserted into the vagina to cover the cervix and prevent sperm from reaching the uterus, serving as a method of birth control

synonym: midriff, pessary, shield

(1) **diaphragm** birth control, (2) **diaphragm** activity
Individuals with a weak **diaphragm** may experience difficulty breathing during physical activity.

hernia

n. a medical condition characterized by the protrusion of an organ or tissue through an opening or weak spot in the abdominal wall or muscles; a bulge or swelling caused by the herniation of organs or tissues

synonym: bulge, rupture, prolapse

(1) **hernia** surgery, (2) umbilical **hernia**

The man's hiatal **hernia** caused him to suffer from heartburn and acid reflux.

sneak

v. to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily

synonym: creep, tiptoe, smuggle

(1) **sneak** a cigarette, (2) **sneak** out of danger

The children tried to **sneak** out and eat the candy.

apprentice

n. a person who works for and learns from a skilled employer to become a skilled worker themselves

synonym: learner, trainee, protégé

(1) **apprentice** carpenter, (2) a young **apprentice**

He took on an **apprentice** to teach him the trade.

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.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work

late into the night.

fuselage

n. the main body of an aircraft, including the cockpit, passenger compartments, and cargo holds

synonym: body, frame, chassis

(1) aluminum **fuselage**, (2) long **fuselage**

The airplane's **fuselage** was damaged in the emergency landing.

evacuate

v. to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk

synonym: empty, clear out, vacate

(1) **evacuate** the building, (2) **evacuate** civilians

The town was forced to **evacuate** due to the hurricane approaching.

dime

n. an American or Canadian coin worth one-tenth of a dollar

(1) **dime** store, (2) behind a **dime**

He never received a **dime**, even from the company of a close friend.

limber

v. to make or become more flexible, particularly with exercise or stretching; to prepare oneself mentally or physically for a task or activity

synonym: stretch, warm up, flex

(1) **limber** up with some stretching exercises, (2) **limber** my body

You need to **limber** up before starting to exercise to prevent injury.

phenomenal

adj. extremely good or impressive; outstanding

synonym: extraordinary, remarkable, impressive

(1) **phenomenal** success, (2) **phenomenal** growth

The athlete's **phenomenal** performance broke all previous

records.

batter

v. to hit something or someone repeatedly with much force; (noun, baseball) a ballplayer who is batting

synonym: beat, pound, strike

(1) **batter** the eggs, (2) the **batter's** box

He got so angry that he **battered** the door down.

neurology

n. the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system

synonym: brain science, nervous system, neuropathology

(1) cognitive **neurology**, (2) **neurology** department

She is studying clinical **neurology** to become a brain surgeon.

hydrocephalus

n. a condition in which cerebrospinal fluid (= a clear, colorless fluid that circulates in and around the brain and spinal cord) accumulates in the ventricles of the brain, causing pressure and enlargement of the head; a congenital condition or one that can develop as a result of injury or illness

synonym: water on the brain, cranial swelling

(1) **hydrocephalus** treatment, (2) congenital **hydrocephalus**

The symptoms of **hydrocephalus** include headaches, nausea, and blurred vision.

neurosurgery

n. medical operations conducted on the nervous system, including the brain, spinal cord, and individual nerves

(1) the department of **neurosurgery**, (2) specialize in **neurosurgery**

She has 20 years of experience in **neurosurgery**.

cerebrospinal

adj. relating to the brain and spinal cord

(1) **cerebrospinal** fluid, (2) **cerebrospinal** pathway

The **cerebrospinal** nerves carry messages between the brain and the rest of the body.

pinhole

n. a tiny hole in a material, often made by a needle, that allows light or other substances to pass through

synonym : aperture, perforation, pore

(1) **pinhole** image, (2) **pinhole** leak

The camera's **pinhole** lens creates a unique blur effect in photographs.

tweeze

v. to pluck or remove hairs, particularly from the face or other sensitive areas, using a pair of tweezers (= a small hand-held tool used for grasping and manipulating small objects with precision) or other specialized tools

synonym : pluck, pull out, extract

(1) **tweeze** unwanted hair, (2) **tweeze** hairs

She carefully **tweezed** the stray eyebrow hairs.

rudimentary

adj. relating to basic facts or principles; fundamental

synonym : essential, fundamental, elementary

(1) a **rudimentary** plant, (2) **rudimentary** understanding

He has only a **rudimentary** knowledge of this topic.

rehearse

v. to practice or repeat something, such as a performance, speech, or action, to prepare for an event or to improve one's skills; to go through the motions of a planned activity before executing it

synonym : practice, recite, drill

(1) **rehearse** an opera, (2) **rehearse** a speech

The actors needed to **rehearse** their lines before the performance.

animate

v. to make something full of interest and energy

synonym : invigorate, energize, enliven

(1) **animate** the body, (2) **animate** his soul

The positive attitude of the supervisor **animated** the discussion.

micron

n. a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and

microorganisms

synonym : micrometer

(1) **micron** measurements, (2) **micron** imaging

The width of a single human hair is around 100 **microns**.

recreate

v. to make something that existed previously happen or appear to exist again

synonym : renovate, vivify, revive

(1) **recreate** a single country, (2) **recreate** the feeling of the 1920s

She **recreated** the atmosphere of the pre-war age with her stage setting.

cinematograph

n. an early motion picture projector invented by the French Lumière brothers, often used to refer to early cinema in general

synonym : movie camera, film projector, motion picture

(1) **cinematograph** camera, (2) silent **cinematograph** film

Early silent movies were projected using a hand-cranked **cinematograph**.

filmmaking

n. the process or art of making movies

synonym : movie-making, film production, cinema

(1) **filmmaking** industry, (2) retire from **filmmaking**

The history of **filmmaking** dates back to the late 19th century when motion pictures were first shown to audiences.

fused

adj. joined together or combined into one; blended or integrated in a way that creates a new entity

synonym : merged, blended, united

(1) **fused** glass, (2) **fused** bones

The **fused** wires in the electrical circuit caused a power outage.

queasy

adj. feeling or causing discomfort or unease, especially about one's stomach; nauseated or sick; squeamish or

easily made to feel unsettled or anxious

synonym: nauseous, unsettled, noisome

(1) **queasy** stomach, (2) feel **queasy**

The swirling motion of the boat made me **queasy**, and I had to sit down to avoid getting sick.

seep

v. to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually

synonym: leak, ooze, trickle

(1) **seep** cool and moist air, (2) **seep** into paper

The rain began to **seep** through the roof, causing damage to the walls and floors.

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.

orchestrate

v. to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music

synonym: plan, coordinate, arrange

(1) **orchestrate** a takeover, (2) **orchestrate** the political reinstatement

He carefully **orchestrated** the details of his business plan.

debrief

v. to question, investigate, or discuss with someone after an event or task to share information and evaluate the performance

synonym: brief, summarize, rehash

(1) **debrief** their business trip, (2) **debrief** the result

After the mission, the team gathered to **debrief** and discuss their success and areas for improvement.

sigma

n. the eighteenth letter of the Greek alphabet, used in mathematics and science to represent standard deviation or a summation of a series of values

synonym : sum, standard deviation, numerical value

(1) three **sigma**, (2) **sigma** notation

In math, the **sigma** symbol represents a sum of numbers.

Session 2: Spelling

- | | |
|------------------------------|--|
| 1. insert ca_____er | <i>n.</i> a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure |
| 2. retire from fil_____ng | <i>n.</i> the process or art of making movies |
| 3. det_____te at a slow pace | <i>v.</i> to become worse in quality; to decline or degenerate |
| 4. de_____f the result | <i>v.</i> to question, investigate, or discuss with someone after an event or task to share information and evaluate the performance |
| 5. mi____n imaging | <i>n.</i> a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms |
| 6. a rud_____ry plant | <i>adj.</i> relating to basic facts or principles; fundamental |
| 7. imp_____ion on stage | <i>n.</i> the act of making something up on the spot or creating or performing something without preparation |
| 8. music re_____al | <i>n.</i> a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing |

ANSWERS: 1. catheter, 2. filmmaking, 3. deteriorate, 4. debrief, 5. micron, 6. rudimentary, 7. improvisation, 8. rehearsal

9. local ane_____ic *n.* a substance that is administered to a person or an animal to produce a loss of sensation or consciousness so that medical or surgical procedures can be performed without causing pain
10. fu__d glass *adj.* joined together or combined into one; blended or integrated in a way that creates a new entity
11. small in_____on *n.* a sharp cut made in something with a sharp tool, especially during a medical procedure
12. long fu_____ge *n.* the main body of an aircraft, including the cockpit, passenger compartments, and cargo holds
13. hyd_____lus treatment *n.* a condition in which cerebrospinal fluid (= a clear, colorless fluid that circulates in and around the brain and spinal cord) accumulates in the ventricles of the brain, causing pressure and enlargement of the head; a congenital condition or one that can develop as a result of injury or illness
14. an_____e the body *v.* to make something full of interest and energy
15. behind a d__e *n.* an American or Canadian coin worth one-tenth of a dollar
16. the department of neu_____ery *n.* medical operations conducted on the nervous system, including the brain, spinal cord, and individual nerves
17. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 9. anesthetic, 10. fused, 11. incision, 12. fuselage, 13. hydrocephalus, 14. animate, 15. dime, 16. neurosurgery, 17. opportune

18. cin_____aph camera *n.* an early motion picture projector invented by the French Lumière brothers, often used to refer to early cinema in general
19. specialize in neu_____ery *n.* medical operations conducted on the nervous system, including the brain, spinal cord, and individual nerves
20. li_____ke animation *adj.* resembling or appearing similar to something alive or real, often realistically or vividly; convincing or authentic in appearance or behavior
21. qu_____y stomach *adj.* feeling or causing discomfort or unease, especially about one's stomach; nauseated or sick; squeamish or easily made to feel unsettled or anxious
22. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
23. in_____on tool *n.* a sharp cut made in something with a sharp tool, especially during a medical procedure
24. insect ab_____n *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
25. cer_____nal fluid *adj.* relating to the brain and spinal cord
26. ind_____us student *adj.* hardworking, diligent, and persistent in effort

ANSWERS: 18. cinematograph, 19. neurosurgery, 20. lifelike, 21. queasy, 22. opportune, 23. incision, 24. abdomen, 25. cerebrospinal, 26. industrious

27. pi____e leak *n.* a tiny hole in a material, often made by a needle, that allows light or other substances to pass through
28. ev____te civilians *v.* to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk
29. tw____e hairs *v.* to pluck or remove hairs, particularly from the face or other sensitive areas, using a pair of tweezers (= a small hand-held tool used for grasping and manipulating small objects with precision) or other specialized tools
30. d__e store *n.* an American or Canadian coin worth one-tenth of a dollar
31. re____se an opera *v.* to practice or repeat something, such as a performance, speech, or action, to prepare for an event or to improve one's skills; to go through the motions of a planned activity before executing it
32. in____ne wall *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
33. fu__d bones *adj.* joined together or combined into one; blended or integrated in a way that creates a new entity
34. feel qu____y *adj.* feeling or causing discomfort or unease, especially about one's stomach; nauseated or sick; squeamish or easily made to feel unsettled or anxious

ANSWERS: 27. pinhole, 28. evacuate, 29. tweeze, 30. dime, 31. rehearse, 32. intestine, 33. fused, 34. queasy

35. sn__k out of danger *v.* to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily
36. orc_____te the political reinstatement *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
37. li___r up with some stretching exercises *v.* to make or become more flexible, particularly with exercise or stretching; to prepare oneself mentally or physically for a task or activity
38. aluminum fu_____ge *n.* the main body of an aircraft, including the cockpit, passenger compartments, and cargo holds
39. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
40. con_____al disease *adj.* existing from birth; often used to describe a condition or trait that is inherited or present from the moment of birth
41. li___r my body *v.* to make or become more flexible, particularly with exercise or stretching; to prepare oneself mentally or physically for a task or activity
42. ev_____te the building *v.* to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk

ANSWERS: 35. sneak, 36. orchestrate, 37. limber, 38. fuselage, 39. industrious, 40. congenital, 41. limber, 42. evacuate

43. fil_____ng industry *n.* the process or art of making movies
44. congenital hyd_____lus *n.* a condition in which cerebrospinal fluid (= a clear, colorless fluid that circulates in and around the brain and spinal cord) accumulates in the ventricles of the brain, causing pressure and enlargement of the head; a congenital condition or one that can develop as a result of injury or illness
45. re_____te a single country *v.* to make something that existed previously happen or appear to exist again
46. rud_____ry understanding *adj.* relating to basic facts or principles; fundamental
47. cer_____nal pathway *adj.* relating to the brain and spinal cord
48. s__p into paper *v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
49. orc_____te a takeover *v.* to plan, coordinate, or arrange something, especially skillfully or cleverly; (noun) the act of organizing or directing the elements of a composition, especially in music
50. he___a surgery *n.* a medical condition characterized by the protrusion of an organ or tissue through an opening or weak spot in the abdominal wall or muscles; a bulge or swelling caused by the herniation of organs or tissues

ANSWERS: 43. filmmaking, 44. hydrocephalus, 45. recreate, 46. rudimentary, 47. cerebrospinal, 48. seep, 49. orchestrate, 50. hernia

51. con_____al disorder *adj.* existing from birth; often used to describe a condition or trait that is inherited or present from the moment of birth
52. umbilical he___a *n.* a medical condition characterized by the protrusion of an organ or tissue through an opening or weak spot in the abdominal wall or muscles; a bulge or swelling caused by the herniation of organs or tissues
53. phe_____al success *adj.* extremely good or impressive; outstanding
54. the ba___r's box *v.* to hit something or someone repeatedly with much force; (noun, baseball) a ballplayer who is batting
55. tw___e unwanted hair *v.* to pluck or remove hairs, particularly from the face or other sensitive areas, using a pair of tweezers (= a small hand-held tool used for grasping and manipulating small objects with precision) or other specialized tools
56. a young app_____ce *n.* a person who works for and learns from a skilled employer to become a skilled worker themselves
57. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
58. ane_____ic injection *n.* a substance that is administered to a person or an animal to produce a loss of sensation or consciousness so that medical or surgical procedures can be performed without causing pain

ANSWERS: 51. congenital, 52. hernia, 53. phenomenal, 54. batter, 55. tweeze, 56. apprentice, 57. improvisation, 58. anesthetic

59. cognitive ne_____gy *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
60. det_____te condition *v.* to become worse in quality; to decline or degenerate
61. wh__k flies away *v.* to move something somewhere suddenly and quickly
62. di_____gm birth control *n.* a large, dome-shaped muscle located at the bottom of the chest cavity, essential for breathing and separating the chest and abdomen; a shallow, dome-shaped device with a flexible rim that is inserted into the vagina to cover the cervix and prevent sperm from reaching the uterus, serving as a method of birth control
63. mi_____n measurements *n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
64. urinary ca_____er *n.* a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure
65. three si__a *n.* the eighteenth letter of the Greek alphabet, used in mathematics and science to represent standard deviation or a summation of a series of values
66. re_____te the feeling of the 1920s *v.* to make something that existed previously happen or appear to exist again

ANSWERS: 59. neurology, 60. deteriorate, 61. whisk, 62. diaphragm, 63. micron, 64. catheter, 65. sigma, 66. recreate

67. app_____ce carpenter *n.* a person who works for and learns from a skilled employer to become a skilled worker themselves
68. large in_____ne *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
69. sn__k a cigarette *v.* to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily
70. li_____ke painting *adj.* resembling or appearing similar to something alive or real, often realistically or vividly; convincing or authentic in appearance or behavior
71. tra_____nt glass *adj.* allowing light to pass through but scattering it so that objects behind cannot be seen clearly; partially transparent
72. ab_____n pain *n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
73. traditional me_____al *adj.* of or relating to the treatment or cure of disease
74. di_____gm activity *n.* a large, dome-shaped muscle located at the bottom of the chest cavity, essential for breathing and separating the chest and abdomen; a shallow, dome-shaped device with a flexible rim that is inserted into the vagina to cover the cervix and prevent sperm from reaching the uterus, serving as a method of birth control

ANSWERS: 67. apprentice, 68. intestine, 69. sneak, 70. lifelike, 71. translucent, 72. abdomen, 73. medicinal, 74. diaphragm

75. s__p cool and moist air *v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
76. silent cin_____aph film *n.* an early motion picture projector invented by the French Lumière brothers, often used to refer to early cinema in general
77. wh__k people from entrance to exit *v.* to move something somewhere suddenly and quickly
78. dress re_____al *n.* a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing
79. ne_____gy department *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
80. an_____e his soul *v.* to make something full of interest and energy
81. phe_____al growth *adj.* extremely good or impressive; outstanding
82. tra_____nt skin *adj.* allowing light to pass through but scattering it so that objects behind cannot be seen clearly; partially transparent
83. si__a notation *n.* the eighteenth letter of the Greek alphabet, used in mathematics and science to represent standard deviation or a summation of a series of values

ANSWERS: 75. seep, 76. cinematograph, 77. whisk, 78. rehearsal, 79. neurology, 80. animate, 81. phenomenal, 82. translucent, 83. sigma

84. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
85. ba____r the eggs *v.* to hit something or someone repeatedly with much force; (noun, baseball) a ballplayer who is batting
86. de_____f their business trip *v.* to question, investigate, or discuss with someone after an event or task to share information and evaluate the performance
87. pi_____e image *n.* a tiny hole in a material, often made by a needle, that allows light or other substances to pass through
88. re_____se a speech *v.* to practice or repeat something, such as a performance, speech, or action, to prepare for an event or to improve one's skills; to go through the motions of a planned activity before executing it

ANSWERS: 84. medicinal, 85. batter, 86. debrief, 87. pinhole, 88. rehearse

Session 3: Fill in the Blanks

1. You need to _____ up before starting to exercise to prevent injury.
v. to make or become more flexible, particularly with exercise or stretching; to prepare oneself mentally or physically for a task or activity

2. The _____ wires in the electrical circuit caused a power outage.
adj. joined together or combined into one; blended or integrated in a way that creates a new entity

3. _____ heart defects can often be diagnosed before a baby is born.
adj. existing from birth; often used to describe a condition or trait that is inherited or present from the moment of birth

4. He has only a _____ knowledge of this topic.
adj. relating to basic facts or principles; fundamental

5. He got so angry that he _____ the door down.
v. to hit something or someone repeatedly with much force; (noun, baseball) a ballplayer who is batting

6. The _____ nerves carry messages between the brain and the rest of the body.
adj. relating to the brain and spinal cord

7. After the surgery, the patient was required to wear a _____ for several days.
n. a thin, flexible tube that is inserted into a body cavity, duct, or vessel to drain fluid, inject medication, or perform a medical procedure

ANSWERS: 1. limber, 2. fused, 3. Congenital, 4. rudimentary, 5. battered, 6. cerebrospinal, 7. catheter

8. The athlete's _____ performance broke all previous records.
adj. extremely good or impressive; outstanding
9. The artist created a _____ sculpture of a famous politician for the town square.
adj. resembling or appearing similar to something alive or real, often realistically or vividly; convincing or authentic in appearance or behavior
10. He carefully _____ the details of his business plan.
v. to plan, coordinate, or arrange something, especially skillfully or cleverly;
(noun) the act of organizing or directing the elements of a composition, especially in music
11. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
12. After the mission, the team gathered to _____ and discuss their success and areas for improvement.
v. to question, investigate, or discuss with someone after an event or task to share information and evaluate the performance
13. The man's hiatal _____ caused him to suffer from heartburn and acid reflux.
n. a medical condition characterized by the protrusion of an organ or tissue through an opening or weak spot in the abdominal wall or muscles; a bulge or swelling caused by the herniation of organs or tissues
14. The sunlight shone through the _____ curtains, casting a warm glow in the room.
adj. allowing light to pass through but scattering it so that objects behind cannot be seen clearly; partially transparent

ANSWERS: 8. phenomenal, 9. lifelike, 10. orchestrated, 11. industrious, 12. debrief, 13. hernia, 14. translucent

15. The width of a single human hair is around 100 _____.
- n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
16. The airplane's _____ was damaged in the emergency landing.
- n.* the main body of an aircraft, including the cockpit, passenger compartments, and cargo holds
17. The theater company had its final _____ before opening night.
- n.* a practice session, usually for a performance or presentation, during which people prepare and fine-tune their performance, often with the help of feedback from others; the act of rehearsing
18. She _____ the atmosphere of the pre-war age with her stage setting.
- v.* to make something that existed previously happen or appear to exist again
19. The symptoms of _____ include headaches, nausea, and blurred vision.
- n.* a condition in which cerebrospinal fluid (= a clear, colorless fluid that circulates in and around the brain and spinal cord) accumulates in the ventricles of the brain, causing pressure and enlargement of the head; a congenital condition or one that can develop as a result of injury or illness
20. The children tried to _____ out and eat the candy.
- v.* to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily
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: 15. microns, 16. fuselage, 17. rehearsal, 18. recreated, 19. hydrocephalus, 20. sneak, 21. opportune

22. _____ rapidly until egg whites are foamy.
- v.* to move something somewhere suddenly and quickly
23. Early silent movies were projected using a hand-cranked _____.
- n.* an early motion picture projector invented by the French Lumière brothers, often used to refer to early cinema in general
24. The _____ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease
25. The small _____ is responsible for absorbing most of the nutrients from food.
- n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
26. The dentist administered an _____ to numb the patient's mouth before the procedure.
- n.* a substance that is administered to a person or an animal to produce a loss of sensation or consciousness so that medical or surgical procedures can be performed without causing pain
27. Individuals with a weak _____ may experience difficulty breathing during physical activity.
- n.* a large, dome-shaped muscle located at the bottom of the chest cavity, essential for breathing and separating the chest and abdomen; a shallow, dome-shaped device with a flexible rim that is inserted into the vagina to cover the cervix and prevent sperm from reaching the uterus, serving as a method of birth control

ANSWERS: 22. Whisk, 23. cinematograph, 24. medicinal, 25. intestine, 26. anesthetic, 27. diaphragm

28. In math, the _____ symbol represents a sum of numbers.
- n.* the eighteenth letter of the Greek alphabet, used in mathematics and science to represent standard deviation or a summation of a series of values
29. The town was forced to _____ due to the hurricane approaching.
- v.* to remove people or things from a place of danger or threat; to leave or abandon a place or situation, often due to fear or risk
30. She carefully _____ the stray eyebrow hairs.
- v.* to pluck or remove hairs, particularly from the face or other sensitive areas, using a pair of tweezers (= a small hand-held tool used for grasping and manipulating small objects with precision) or other specialized tools
31. The patient's health _____ rapidly after being diagnosed with the disease.
- v.* to become worse in quality; to decline or degenerate
32. The swirling motion of the boat made me _____ and I had to sit down to avoid getting sick.
- adj.* feeling or causing discomfort or unease, especially about one's stomach; nauseated or sick; squeamish or easily made to feel unsettled or anxious
33. The weightlifter used his strong _____ muscles to lift the heavy barbell.
- n.* the part of the body between the chest and pelvis that contains the stomach, intestines, liver, pancreas, and other organs; the posterior part of an insect's body, typically divided into segments
34. The rain began to _____ through the roof, causing damage to the walls and floors.
- v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually

ANSWERS: 28. sigma, 29. evacuate, 30. tweezed, 31. deteriorated, 32. queasy, 33. abdomen, 34. seep

35. The actors needed to _____ their lines before the performance.
- v.* to practice or repeat something, such as a performance, speech, or action, to prepare for an event or to improve one's skills; to go through the motions of a planned activity before executing it
36. The history of _____ dates back to the late 19th century when motion pictures were first shown to audiences.
- n.* the process or art of making movies
37. 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
38. She is studying clinical _____ to become a brain surgeon.
- n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
39. Patients undergoing _____ surgery are often put to sleep by anesthesia.
- n.* a sharp cut made in something with a sharp tool, especially during a medical procedure
40. He never received a _____ even from the company of a close friend.
- n.* an American or Canadian coin worth one-tenth of a dollar
41. She has 20 years of experience in _____.
- n.* medical operations conducted on the nervous system, including the brain, spinal cord, and individual nerves
42. The positive attitude of the supervisor _____ the discussion.
- v.* to make something full of interest and energy

ANSWERS: 35. rehearse, 36. filmmaking, 37. improvisation, 38. neurology, 39. incisional, 40. dime, 41. neurosurgery, 42. animated

43. The camera's _____ lens creates a unique blur effect in photographs.

n. a tiny hole in a material, often made by a needle, that allows light or other substances to pass through

44. He took on an _____ to teach him the trade.

n. a person who works for and learns from a skilled employer to become a skilled worker themselves

ANSWERS: 43. pinhole, 44. apprentice