

Englist.me



Vocabulary Builder Reference from...

Dennis Hong: 7 new species of robot that dance, jump - and walk on water | TED Talk

https://www.ted.com/talks/dennis_hong_7_new_species_of_robot_that_dance_jump_and_walk_on_water

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

stride

v. to walk with long steps in a particular direction; (noun) an important and positive progress

synonym: step, walk, march

(1) **stride** across a room, (2) **stride** down a slope

She **strides** confidently across the stage to accept her award.

ameba

n. a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia

synonym: protozoan, single-celled organism, unicellular organism

(1) **ameba** culture, (2) **ameba** movement

The pathogenetic **ameba** moved by extending and retracting its pseudopodia.

humanoid

n. a machine or creature that has a body shape similar to that of a human

synonym: android, anthropomorphic

(1) **humanoid** hand, (2) **humanoid** design

The **humanoid** robot was able to mimic human movements and expressions.

torso

n. the human trunk from the neck to the abdomen
synonym : trunk, body, frame

(1) **torso** injury, (2) a **torso** in bronze

He was hit in the **torso** and was rushed to the hospital.

actuate

v. to cause a machine or equipment to start to work
synonym : motivate, spark, drive

(1) **actuate** the circuits, (2) **actuate** a parking brake

A desire for success **actuated** her.

nimble

adj. quick and light in movement or action
synonym : agile, quick, flexible

(1) **nimble** handling, (2) **nimble-minded** person

His **nimble** movements allowed him to navigate the crowded streets with ease.

sideways

adv. towards or from the side; with one side forward or to the front; (adjective, of movement) at an angle
synonym : to the edge, obliquely, sidelong

(1) fall **sideways**, (2) a **sideways** market

She glanced **sideways** at the conversation of the boy she was interested in.

fencing

n. the art or practice of fighting with swords, especially with foils, épées, or sabers, according to certain rules
synonym : swordplay, duelling, sabreplay

(1) **fencing** equipment, (2) **fencing** club

He practiced his **fencing** techniques with a partner.

shin

n. the front part of the leg below the knee
synonym : tibia, lower leg, front leg

(1) **shin** guard, (2) **shin** injury

The pain in his **shin** made it hard for him to walk.

anthropomorphic

adj. describing or relating to the attribution of human characteristics to non-human entities

synonym :

human-like

(1) **anthropomorphic** agent, (2) **anthropomorphic** design
The **anthropomorphic** robot was designed to have a human-like appearance.

biped

n. an animal with two feet

synonym: hominoid

(1) **biped** robot, (2) a featherless **biped**

Biped walking encouraged the further evolution of humankind.

fabricate

v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

synonym: manufacture, assemble, falsify

(1) **fabricate** a chemical, (2) **fabricate** an excuse

The detective discovered that the witness had **fabricated** her story about the crime.

springy

adj. resilient; elastic; (of movements) light and confidently active

synonym: elastic, resilient, bouncy

(1) a **springy** step, (2) **springy** floor

The **springy** mattress provided a comfortable night's sleep.

axisymmetric

adj. having symmetry around an axis

(1) **axisymmetric** shape, (2) **axisymmetric** object

The **axisymmetric** design of the turbine blade made it more efficient.

unstructured

adj. not having a clear organization or arrangement

synonym: unorganized, unarranged, formless

(1) **unstructured** text, (2) **unstructured** information

The **unstructured** data took a lot of work to analyze and interpret.

outdo

v. to do better than someone; to surpass

synonym: excel, surpass, outshine

(1) **outdo** him in trickery, (2) **outdo** the competition

He tried to **outdo** his rival by breaking the world record.

gallop

v. (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly

synonym: canter, race, bound

(1) **gallop** a horse, (2) **gallop** off at top speed

The horse **galloped** across the field at a fast pace.

multimodal

adj. involving or using several ways of communication or expression

synonym: multiple-mode

(1) **multimodal** input device, (2) **multimodal** approach

The **multimodal** transportation system included trains, buses, and bikes.

locomotion

n. the action or ability to move from one place to another

synonym: movement, travel, mobility

(1) **locomotion** system, (2) **locomotion** control

The **locomotion** of the robotic arm was smooth and precise.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

taekwondo

n. a Korean martial art that involves the use of the feet and hands for striking and blocking

(1) **taekwondo** competition, (2) **taekwondo** training

He has been practicing **taekwondo** for several years and now has a black belt.

hexapod

n. an animal or machine with six legs

synonym: six-legged, six-legged creature, six-legged animal

(1) **hexapod** animal, (2) **hexapod** mechanism

The **hexapod** robot was able to move in multiple directions.

tripod

n. a three-legged stand, typically one with a platform for a camera or other equipment

synonym: three-legged stand, three-legged base, three-legged support

(1) **tripod** mic stand, (2) **tripod** mount

The photographer set up his camera on a **tripod** to take the shot.

demining

n. the process of removing landmines from a given area

synonym: mine clearance, mine sweeping, landmine removal

(1) **demining** operation, (2) **demining** team

The **demining** effort successfully removed most explosive devices from the area, making them safe for civilian use.

landmine

n. an explosive device hidden underground and designed to be detonated by the presence, proximity, or contact with a person or vehicle

synonym: mine, explosive device, antipersonnel mine

(1) destroy a **landmine**, (2) **landmine** removal

The antipersonnel **landmine** was a dangerous obstacle in the war-torn area.

brace

n. a device, typically one of a pair, for holding something in position or for strengthening an object; (verb) to support or hold steady and make steadfast

synonym: support, clamp, (verb) strengthen

(1) **brace** for impact, (2) **brace** my energies
She wore a **brace** on her leg to support her injured ankle.

suction

n. the action of drawing something towards or into a vacuum or partial vacuum

synonym: vacuum, sucking

(1) **suction** aspiration, (2) **suction** device

The **suction** cup was able to lift the heavy object with ease.

blackboard

n. a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk

synonym: chalkboard, slate

(1) chalk on a **blackboard**, (2) electronic **blackboard**

The teacher asked me to rub out the **blackboard**.

quadruped

n. an animal that has four feet

synonym: four-legged, four-legged creature, four-legged animal

(1) **quadruped** walking vehicle, (2) **quadruped** robot

The **quadruped** animal was able to move quickly on four legs.

omnidirectional

adj. able to move or function in any direction; receiving signals from or sending in all directions

synonym: all-directional, all-around, 360-degree

(1) **omnidirectional** microphone, (2) **omnidirectional** mobile robot

The **omnidirectional** antenna was able to pick up signals from all directions.

glide

v. to move smoothly and effortlessly

synonym: slide, skim, coast

(1) **glide** through the water, (2) **glide** down the mountain

The eagle gracefully **glided** on the thermals, soaring above the mountains.

sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

synonym : group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

clap

v. to hit your hands together and make a short and loud noise, mainly to show your approval or praise

synonym : applaud, spat, acclaim

(1) **clap** my hands, (2) **clap** a book shut

We **clapped** along with the singer's song.

buoyancy

n. the ability or tendency of an object to float in a fluid

synonym : flotation, levitation, airiness

(1) **buoyancy** principle, (2) **buoyancy** compensator

The object's **buoyancy** helped it float on the water's surface.

helium

n. a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table

synonym : He, light gas, noble gas

(1) **helium** atom, (2) **helium** gas

The **helium-filled** balloons floated into the sky.

downstairs

adv. on or to a lower or ground floor of a building

synonym : below

(1) creep **downstairs**, (2) escort him **downstairs**

Please get the desk **downstairs**.

vortex

n. a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind

synonym : whirlpool, whirlwind, maelstrom

(1) **vortex** formation, (2) blow in a **vortex**

The **vortex** of the tornado was massive and destructive.

cannon

n. a large, heavy gun fired from a fixed position or mounted on a vehicle, used in warfare or hunting

synonym : artillery, gun, ordnance

(1) **cannon** salute, (2) **cannon** ball

The heavy **cannon** fired a loud shot that echoed across the battlefield.

tightrope

n. a rope or wire stretched tightly between two points, on which acrobats, tightrope walkers, etc., perform; a risky or precarious situation that requires one to balance carefully to avoid falling or failure

synonym : rope walk, high wire, funambulism

(1) **tightrope** performer, (2) **tightrope** act

The **tightrope** walker balanced precariously above the crowd.

robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

synonym : automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

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.

peek

n. a quick or furtive look; (verb) to take a quick and secret look at something

synonym : glimpse, look, glance

(1) sneak **peek**, (2) **peek** at others' misfortune

She took a quick **peek** inside the box before closing it again.

creditor

n. a person, company, etc. to whom a debtor owes money
(1) the **creditor's** claims, (2) bankrupt **creditor**
I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

hardworking

adj. tending to work with a lot of effort and care
synonym: diligent, dedicated, conscientious
(1) **hardworking** student, (2) retire from **hardworking** life
They sought candidates with **hardworking** and good-natured.

nab

v. to catch someone in the act of doing something wrong or illegal
synonym: catch, apprehend, arrest
(1) **nab** traffic offender, (2) **nab** the opportunity
The police were able to **nab** the thief before he could escape.

rot

v. to decay, or cause something to decay, naturally and gradually
synonym: perish, decay, corrode
(1) begin to **rot**, (2) **rot** with age
Please refrigerate the meat, or it will **rot**.

Session 2: Spelling

1. fa_____te a chemical
v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
2. 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
3. axi_____ric shape
adj. having symmetry around an axis
4. gl__e through the water
v. to move smoothly and effortlessly
5. omn_____nal mobile robot
adj. able to move or function in any direction; receiving signals from or sending in all directions
6. ro_____c arm
adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
7. ga___p a horse
v. (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly
8. creep dow_____rs
adv. on or to a lower or ground floor of a building
9. ta_____do competition
n. a Korean martial art that involves the use of the feet and hands for striking and blocking

ANSWERS: 1. fabricate, 2. sneak, 3. axisymmetric, 4. glide, 5. omnidirectional, 6. robotic, 7. gallop, 8. downstairs, 9. taekwondo

- | | |
|-------------------------------|--|
| 10. ant_____hic design | <i>adj.</i> describing or relating to the attribution of human characteristics to non-human entities |
| 11. hu_____id design | <i>n.</i> a machine or creature that has a body shape similar to that of a human |
| 12. n_b the opportunity | <i>v.</i> to catch someone in the act of doing something wrong or illegal |
| 13. c__p a book shut | <i>v.</i> to hit your hands together and make a short and loud noise, mainly to show your approval or praise |
| 14. n_b traffic offender | <i>v.</i> to catch someone in the act of doing something wrong or illegal |
| 15. qu_____ed walking vehicle | <i>n.</i> an animal that has four feet |
| 16. he___m gas | <i>n.</i> a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table |
| 17. st___e across a room | <i>v.</i> to walk with long steps in a particular direction; (noun) an important and positive progress |
| 18. he_____d mechanism | <i>n.</i> an animal or machine with six legs |
| 19. ni___e handling | <i>adj.</i> quick and light in movement or action |
| 20. ex___e the crowd | <i>v.</i> to make someone feel suddenly enthusiastic or eager |
| 21. r_t with age | <i>v.</i> to decay, or cause something to decay, naturally and gradually |
| 22. ta_____do training | <i>n.</i> a Korean martial art that involves the use of the feet and hands for striking and blocking |

ANSWERS: 10. anthropomorphic, 11. humanoid, 12. nab, 13. clap, 14. nab, 15. quadruped, 16. helium, 17. stride, 18. hexapod, 19. nimble, 20. excite, 21. rot, 22. taekwondo

23. ti_____pe act *n.* a rope or wire stretched tightly between two points, on which acrobats, tightrope walkers, etc., perform; a risky or precarious situation that requires one to balance carefully to avoid falling or failure
24. a to__o in bronze *n.* the human trunk from the neck to the abdomen
25. s__n injury *n.* the front part of the leg below the knee
26. am__a culture *n.* a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia
27. ant_____hic agent *adj.* describing or relating to the attribution of human characteristics to non-human entities
28. br__e my energies *n.* a device, typically one of a pair, for holding something in position or for strengthening an object; (verb) to support or hold steady and make steadfast
29. begin to r_t *v.* to decay, or cause something to decay, naturally and gradually
30. su_____n aspiration *n.* the action of drawing something towards or into a vacuum or partial vacuum
31. a si_____ys market *adv.* towards or from the side; with one side forward or to the front; (adjective, of movement) at an angle

ANSWERS: 23. tightrope, 24. torso, 25. shin, 26. ameba, 27. anthropomorphic, 28. brace, 29. rot, 30. suction, 31. sideways

32. uns_____red information *adj.* not having a clear organization or arrangement
33. am__a movement *n.* a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia
34. uns_____red text *adj.* not having a clear organization or arrangement
35. loc_____on system *n.* the action or ability to move from one place to another
36. c__p my hands *v.* to hit your hands together and make a short and loud noise, mainly to show your approval or praise
37. su_____n device *n.* the action of drawing something towards or into a vacuum or partial vacuum
38. bu_____cy principle *n.* the ability or tendency of an object to float in a fluid
39. fall si_____ys *adv.* towards or from the side; with one side forward or to the front; (adjective, of movement) at an angle
40. sneak p__k *n.* a quick or furtive look; (verb) to take a quick and secret look at something
41. bankrupt cr_____or *n.* a person, company, etc. to whom a debtor owes money
42. ca_____n salute *n.* a large, heavy gun fired from a fixed position or mounted on a vehicle, used in warfare or hunting
43. a featherless bi__d *n.* an animal with two feet

ANSWERS: 32. unstructured, 33. ameba, 34. unstructured, 35. locomotion, 36. clap, 37. suction, 38. buoyancy, 39. sideways, 40. peek, 41. creditor, 42. cannon, 43. biped

44. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
45. electronic bla_____rd *n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
46. to__o injury *n.* the human trunk from the neck to the abdomen
47. har_____ng student *adj.* tending to work with a lot of effort and care
48. ni___e-minded person *adj.* quick and light in movement or action
49. ti_____pe performer *n.* a rope or wire stretched tightly between two points, on which acrobats, tightrope walkers, etc., perform; a risky or precarious situation that requires one to balance carefully to avoid falling or failure
50. p__k at others' misfortune *n.* a quick or furtive look; (verb) to take a quick and secret look at something
51. loc_____on control *n.* the action or ability to move from one place to another
52. tr___d mic stand *n.* a three-legged stand, typically one with a platform for a camera or other equipment
53. axi_____ric object *adj.* having symmetry around an axis
54. escort him dow_____rs *adv.* on or to a lower or ground floor of a building
55. ou__o the competition *v.* to do better than someone; to surpass

ANSWERS: 44. excite, 45. blackboard, 46. torso, 47. hardworking, 48. nimble, 49. tightrope, 50. peek, 51. locomotion, 52. tripod, 53. axisymmetric, 54. downstairs, 55. outdo

56. retire from har_____ng life *adj.* tending to work with a lot of effort and care
57. de_____ng operation *n.* the process of removing landmines from a given area
58. the cr_____or's claims *n.* a person, company, etc. to whom a debtor owes money
59. he_____d animal *n.* an animal or machine with six legs
60. a sp_____y step *adj.* resilient; elastic; (of movements) light and confidently active
61. fe_____g club *n.* the art or practice of fighting with swords, especially with foils, épées, or sabers, according to certain rules
62. he_____m atom *n.* a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
63. de_____ng team *n.* the process of removing landmines from a given area
64. fa_____te an excuse *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
65. 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
66. ac_____e a parking brake *v.* to cause a machine or equipment to start to work

ANSWERS: 56. hardworking, 57. demining, 58. creditor, 59. hexapod, 60. springy, 61. fencing, 62. helium, 63. demining, 64. fabricate, 65. sneak, 66. actuate

67. ou__o him in trickery *v.* to do better than someone; to surpass
68. qu_____ed robot *n.* an animal that has four feet
69. bu_____cy compensator *n.* the ability or tendency of an object to float in a fluid
70. tr___d mount *n.* a three-legged stand, typically one with a platform for a camera or other equipment
71. omn_____nal microphone *adj.* able to move or function in any direction; receiving signals from or sending in all directions
72. mul_____al approach *adj.* involving or using several ways of communication or expression
73. fe_____g equipment *n.* the art or practice of fighting with swords, especially with foils, épées, or sabers, according to certain rules
74. la_____ne removal *n.* an explosive device hidden underground and designed to be detonated by the presence, proximity, or contact with a person or vehicle
75. bi__d robot *n.* an animal with two feet
76. ca___n ball *n.* a large, heavy gun fired from a fixed position or mounted on a vehicle, used in warfare or hunting
77. mul_____al input device *adj.* involving or using several ways of communication or expression
78. ga___p off at top speed *v.* (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly

ANSWERS: 67. outdo, 68. quadruped, 69. buoyancy, 70. tripod, 71. omnidirectional, 72. multimodal, 73. fencing, 74. landmine, 75. biped, 76. cannon, 77. multimodal, 78. gallop

79. s__n guard *n.* the front part of the leg below the knee
80. blow in a vo___x *n.* a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind
81. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
82. sp_____y floor *adj.* resilient; elastic; (of movements) light and confidently active
83. hu_____id hand *n.* a machine or creature that has a body shape similar to that of a human
84. gl__e down the mountain *v.* to move smoothly and effortlessly
85. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
86. ro_____c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
87. destroy a la_____ne *n.* an explosive device hidden underground and designed to be detonated by the presence, proximity, or contact with a person or vehicle
88. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 79. shin, 80. vortex, 81. sect, 82. springy, 83. humanoid, 84. glide, 85. sect, 86. robotic, 87. landmine, 88. electrify

89. vo___x formation *n.* a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind
90. st___e down a slope *v.* to walk with long steps in a particular direction; (noun) an important and positive progress
91. br___e for impact *n.* a device, typically one of a pair, for holding something in position or for strengthening an object; (verb) to support or hold steady and make steadfast
92. ac____e the circuits *v.* to cause a machine or equipment to start to work
93. chalk on a bla____rd *n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
94. el____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 89. vortex, 90. stride, 91. brace, 92. actuate, 93. blackboard, 94. electrify

Session 3: Fill in the Blanks

1. The _____ effort successfully removed most explosive devices from the area, making them safe for civilian use.
n. the process of removing landmines from a given area
2. The _____ balloons floated into the sky.
n. a colorless, odorless, tasteless, non-toxic, inert, monatomic gas, the first in the noble gas series in the periodic table
3. The _____ data took a lot of work to analyze and interpret.
adj. not having a clear organization or arrangement
4. She glanced _____ at the conversation of the boy she was interested in.
adv. towards or from the side; with one side forward or to the front; (adjective, of movement) at an angle
5. The antipersonnel _____ was a dangerous obstacle in the war-torn area.
n. an explosive device hidden underground and designed to be detonated by the presence, proximity, or contact with a person or vehicle
6. A desire for success _____ her.
v. to cause a machine or equipment to start to work
7. The pain in his _____ made it hard for him to walk.
n. the front part of the leg below the knee
8. The _____ robot was able to move in multiple directions.
n. an animal or machine with six legs

ANSWERS: 1. demining, 2. helium-filled, 3. unstructured, 4. sideways, 5. landmine, 6. actuated, 7. shin, 8. hexapod

9. The horse _____ across the field at a fast pace.
v. (of a horse) to run very quickly so that all four feet come off the ground together; to proceed very quickly
10. The _____ mattress provided a comfortable night's sleep.
adj. resilient; elastic; (of movements) light and confidently active
11. The photographer set up his camera on a _____ to take the shot.
n. a three-legged stand, typically one with a platform for a camera or other equipment
12. He practiced his _____ techniques with a partner.
n. the art or practice of fighting with swords, especially with foils, épées, or sabers, according to certain rules
13. He tried to _____ his rival by breaking the world record.
v. to do better than someone; to surpass
14. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.
n. a person, company, etc. to whom a debtor owes money
15. The heavy _____ fired a loud shot that echoed across the battlefield.
n. a large, heavy gun fired from a fixed position or mounted on a vehicle, used in warfare or hunting
16. The detective discovered that the witness had _____ her story about the crime.
v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

ANSWERS: 9. galloped, 10. springy, 11. tripod, 12. fencing, 13. outdo, 14. creditor, 15. cannon, 16. fabricated

17. The police were able to ____ the thief before he could escape.

v. to catch someone in the act of doing something wrong or illegal

18. She took a quick ____ inside the box before closing it again.

n. a quick or furtive look; (verb) to take a quick and secret look at something

19. They sought candidates with _____ and good-natured.

adj. tending to work with a lot of effort and care

20. Please refrigerate the meat, or it will ____.

v. to decay, or cause something to decay, naturally and gradually

21. The _____ antenna was able to pick up signals from all directions.

adj. able to move or function in any direction; receiving signals from or sending in all directions

22. The surgeon removed the tumor using _____ video assistance.

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

23. The _____ transportation system included trains, buses, and bikes.

adj. involving or using several ways of communication or expression

24. The minority ____ believed in a set of unconventional religious practices.

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

25. ____ walking encouraged the further evolution of humankind.

n. an animal with two feet

ANSWERS: 17. nab, 18. peek, 19. hardworking, 20. rot, 21. omnidirectional, 22. robotic, 23. multimodal, 24. sect, 25. Biped

26. The object's _____ helped it float on the water's surface.

n. the ability or tendency of an object to float in a fluid

27. The _____ design of the turbine blade made it more efficient.

adj. having symmetry around an axis

28. The _____ of the robotic arm was smooth and precise.

n. the action or ability to move from one place to another

29. The _____ of the tornado was massive and destructive.

n. a mass of whirling air, water, dust, or smoke, especially a whirlpool or whirlwind

30. The _____ cup was able to lift the heavy object with ease.

n. the action of drawing something towards or into a vacuum or partial vacuum

31. We _____ along with the singer's song.

v. to hit your hands together and make a short and loud noise, mainly to show your approval or praise

32. Please get the desk _____.

adv. on or to a lower or ground floor of a building

33. The _____ walker balanced precariously above the crowd.

n. a rope or wire stretched tightly between two points, on which acrobats, tightrope walkers, etc., perform; a risky or precarious situation that requires one to balance carefully to avoid falling or failure

34. The eagle gracefully _____ on the thermals, soaring above the mountains.

v. to move smoothly and effortlessly

ANSWERS: 26. buoyancy, 27. axisymmetric, 28. locomotion, 29. vortex, 30. suction, 31. clapped, 32. downstairs, 33. tightrope, 34. glided

35. The _____ robot was designed to have a human-like appearance.
adj. describing or relating to the attribution of human characteristics to non-human entities
36. The product developed through years of research continues to _____ the market.
v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
37. The _____ animal was able to move quickly on four legs.
n. an animal that has four feet
38. The teacher asked me to rub out the _____.
n. a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
39. She wore a _____ on her leg to support her injured ankle.
n. a device, typically one of a pair, for holding something in position or for strengthening an object; (verb) to support or hold steady and make steadfast
40. The pathogenetic _____ moved by extending and retracting its pseudopodia.
n. a single-celled organism that typically has the shape of a small, round blob and moves by means of temporary projections called pseudopodia
41. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager
42. The _____ robot was able to mimic human movements and expressions.
n. a machine or creature that has a body shape similar to that of a human

ANSWERS: 35. anthropomorphic, 36. electrify, 37. quadruped, 38. blackboard, 39. brace, 40. ameba, 41. excited, 42. humanoid

43. He has been practicing _____ for several years and now has a black belt.
n. a Korean martial art that involves the use of the feet and hands for striking and blocking
44. She _____ confidently across the stage to accept her award.
v. to walk with long steps in a particular direction; (noun) an important and positive progress
45. 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
46. He was hit in the _____ and was rushed to the hospital.
n. the human trunk from the neck to the abdomen
47. His _____ movements allowed him to navigate the crowded streets with ease.
adj. quick and light in movement or action

ANSWERS: 43. taekwondo, 44. strides, 45. sneak, 46. torso, 47. nimble