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Vocabulary Builder Reference from...

Scott Summit: Beautiful artificial limbs | TED Talk

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

Advanced Words Only

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Session 1: Word List

geeky

adj. characterized by an intense interest or expertise in a particular subject or hobby, sometimes to the detriment of social skills or other interests

synonym : nerdy, dorky

(1) **geeky** gadgets, (2) **geeky** interests

He had a **geeky** sense of humor and loved to make puns.

biomedical

adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

synonym : medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical**

Biomedical engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

downside

n. the negative aspects or consequences of something; the potential for loss or failure

synonym : drawback, negative, disadvantage

(1) major **downside**, (2) **downside** of globalization

The **downside** of the new policy was that it would be more expensive for customers.

impersonal

adj. lacking personal warmth or feeling; not influenced by personal feelings or individual characteristics; relating to an object or concept rather than a specific person

synonym : detached, unemotional

(1) **impersonal** communication, (2) **impersonal** treatment

The high-rise office building had an **impersonal** atmosphere, making it feel corporate and uninviting.

dishearten

v. to cause someone to lose hope, confidence, or enthusiasm; to discourage or demoralize

synonym : discourage, dismay, demoralize

(1) **dishearten** employees, (2) **dishearten** the hopeful job applicant

The team's loss in the semifinals did not **dishearten** their determination to return stronger next season.

rethink

v. to consider again a plan, idea, etc., especially to change it

synonym : reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager

We have to **rethink** our company's product lineup for further growth.

bionic

adj. relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original

(1) **bionic** exoskeleton, (2) **bionic** technology

The soldier was fitted with a **bionic** arm after losing him in combat.

clad

adj. dressed or covered in a particular way; provided or protected with a particular material or substance

synonym : dressed, covered, attired

(1) **clad** completely in black, (2) **clad** in armor

The athlete was **clad** in a tight-fitting suit designed to reduce

drag and improve performance.

takeaway

n. a message or conclusion that can be taken away from a situation or piece of information

synonym: conclusion, message, insight

(1) **takeaway** pizza, (2) **takeaway** message

The main **takeaway** from the meeting was the need for better communication.

distill

v. to purify or refine; to extract the essential elements

synonym: extract, condense, purify

(1) **distill** a liquid, (2) **distill** information

She decided to **distill** her thoughts into a more manageable list.

infuse

v. to fill something with a particular quality, feeling, or influence; to imbue

synonym: instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning

She **infused** fresh herbs into the soup for added flavor.

prosthetic

adj. of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

(1) have **prosthetic** arms, (2) **prosthetic** limbs

New **prosthetic** joints are less prone to metal poisoning.

brilliance

n. the quality of being very clever or talented; the quality of being very bright or shining

synonym: splendor, glory, luster

(1) **brilliance** of diamond, (2) economic **brilliance**

The scientist's **brilliance** led to many groundbreaking discoveries in his field.

vantage

n. a position or place that provides a commanding or advantageous view or perspective; a favorable position or advantage

synonym: advantage, benefit, edge

(1) strategic **vantage**, (2) gain a **vantage**

From our **vantage** point, we could see the whole city skyline.

utilitarian

adj. designed to be practical and functional rather than decorative or luxurious

synonym : functional, practical, pragmatic

(1) **utilitarian** design, (2) **utilitarian** economics

The kitchen is designed with a **utilitarian** approach, focusing on practicality rather than aesthetics.

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.

kinematics

n. the branch of mechanics that deals with the motion of objects without considering the forces that cause the motion; the study of the geometric and algebraic properties of motion, such as displacement, velocity, and acceleration

synonym : movement, motion, mechanics

(1) **kinematics** analysis, (2) rotational **kinematics**

The **kinematics** equations he used accurately predicted the object's future position.

physicality

n. the physical nature or characteristics of something, especially the human body or movement; the state of being full of energy and force

synonym : corporeality, animalism, embodiment

(1) **physicality** of dance, (2) express **physicality**

The athlete's success was largely due to her **physicality** and dedication to fitness.

constrain

v. to restrict or limit someone or something's freedom or ability to do something

synonym: restrict, limit, confine

(1) **constrain** his freedom, (2) **constrain** information flow

The political situation **constrained** the country's economic growth and foreign relations.

individualize

v. to make something personal or more personal to suit the needs of a particular person, place, etc.

synonym: personalize, differentiate

(1) **individualize** each patient, (2) **individualize** dosages

Our schools offer **individualized** education by excellent teachers.

fingerprint

n. a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person

synonym: print, mark, impression

(1) **fingerprint** at a crime scene, (2) **fingerprint** identification

The police used a **fingerprint** scanner to identify the suspect.

incapable

adj. unable to do, control, or achieve something

synonym: unable, incompetent, unskilled

(1) drunk and **incapable**, (2) **incapable** of being resisted

He seems **incapable** of understanding what she says.

sculptural

adj. relating to or resembling sculpture (= a three-dimensional work of art); having a three-dimensional quality or appearance

synonym: sculpted, carved, modeled

(1) **sculptural** masterpiece, (2) **sculptural** design

The **sculptural** details on the building's facade were simply stunning.

titanic

adj. of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

synonym: colossal, massive, immense

(1) **titanic** battle, (2) **titanic** compound

The **titanic** ship sank on its maiden voyage.

amputee

n. a person who has had an arm or a leg cut off

(1) quadruple **amputee**, (2) **amputee** runner

Amputees often experience an illusion of a phantom limb.

forearm

n. the part of a person's arm between the elbow and the wrist; (verb) to arm in advance of a confrontation

(1) **forearm** bone, (2) several veins of the **forearm**

The accident left him with numbness in his left **forearm**.

morphology

n. the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

synonym: structure, form, anatomy

(1) **morphology** of a language, (2) cellular **morphology**

The **morphology** of rocks can reveal clues about their geological history.

chimera

n. (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve

synonym: delusion, illusion, figment

(1) **chimera** mouse, (2) interspecies **chimera**

Animal **chimeras** are created by combining multiple fertilized eggs.

apologetic

adj. feeling or expressing regret, remorse, or sorrow for one's actions; making an apology or expressing an excuse for something

synonym: sorry, regretful, remorseful

(1) **apologetic** tone, (2) **apologetic** letter

He was **apologetic** for being late to the meeting.

human-made

adj. created or produced by humans; artificial

synonym : artificial, unnatural, manufactured

(1) **human-made** climate change, (2) the worst **human-made** disaster

The bridge is a **human-made** structure and was built to span the river.

timeless

adj. not seeming to be altered by the passage of time or changes in fashion

synonym : dateless, everlasting, imperishable

(1) **timeless** masterpiece, (2) **timeless** topic

There is a **timeless** aspect to his most remarkable work.

herringbone

n. a distinctive V-shaped pattern created by arranging rectangles or parallelograms in an alternating slanted fashion, resembling the skeleton of a herring fish, commonly used in textiles, flooring, and masonry

synonym : chevron, zigzag, twill

(1) **herringbone** flooring, (2) **herringbone** weave

The fashion designer showcased a stunning **herringbone** pattern on the runway.

tweed

n. a rough, woolen fabric often woven in a twill pattern, commonly used for making suits, jackets, and coats

synonym : twill, fabric, cloth

(1) **tweed** jacket, (2) **tweed** fabric

She wore a stylish **tweed** coat, perfect for the chilly weather.

bling

n. a slang term that refers to flashy, showy, or ostentatious jewelry, often characterized by its high cost or precious materials

synonym : jewelry, accessories, ornaments

(1) flashy **bling**, (2) **bling** jewelry

She loves to accessorize with lots of **bling**, but I prefer a different style.

precede

v. to happen or go before something or someone in time or space

synonym: lead, forego, antecede

(1) men often **precede** women when walking, (2) **precede** any discussion

Agricultural development generally **precedes** economic growth.

footprint

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

synonym: footmark, imprint, impression

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

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

recyclability

n. the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm

synonym: reusability, sustainability, renewability

(1) **recyclability** rate, (2) low **recyclability** problem

The **recyclability** of electronic devices is a significant challenge due to the complexity of their components.

dishwasher

n. a machine or device used for washing dishes typically found in a kitchen; a person who washes dishes as a profession, often in a restaurant or catering setting

synonym: dish machine, dish cleaner

(1) **dishwasher** installation, (2) commercial **dishwasher**

The **dishwasher** detergent cleans the dishes more effectively than regular dish soap.

fiance

n. a person who is engaged to be married

synonym: groom-to-be, betrothed, intended

(1) **fiance** visa, (2) meeting with the **fiance's** family

My **fiance** and I are looking for a new apartment after our wedding.

relinquish

v. to give up power, control, or possession

synonym: surrender, give up, abandon

(1) **relinquish** control, (2) **relinquish** all hope

She decided to **relinquish** her role as the leader of the group.

curator

n. a person whose job is to manage the objects or artworks in a museum, art gallery, etc.

synonym: conservator, custodian, administrator

(1) **curator** of a library, (2) interim **curator**

The museum **curator** conserved the ancient manuscripts.

Session 2: Spelling

1. fin_____nt identification *n.* a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person
2. in___e life with meaning *v.* to fill something with a particular quality, feeling, or influence; to imbue
3. tw__d jacket *n.* a rough, woolen fabric often woven in a twill pattern, commonly used for making suits, jackets, and coats
4. apo_____ic tone *adj.* feeling or expressing regret, remorse, or sorrow for one's actions; making an apology or expressing an excuse for something
5. ti_____ss masterpiece *adj.* not seeming to be altered by the passage of time or changes in fashion
6. imp_____al communication *adj.* lacking personal warmth or feeling; not influenced by personal feelings or individual characteristics; relating to an object or concept rather than a specific person
7. ti_____c battle *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
8. dis_____er installation *n.* a machine or device used for washing dishes typically found in a kitchen; a person who washes dishes as a profession, often in a restaurant or catering setting

ANSWERS: 1. fingerprint, 2. infuse, 3. tweed, 4. apologetic, 5. timeless, 6. impersonal, 7. titanic, 8. dishwasher

9. rel_____sh all hope *v.* to give up power, control, or possession
10. re_____te a single country *v.* to make something that existed previously happen or appear to exist again
11. bio_____al assay *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
12. kin_____cs analysis *n.* the branch of mechanics that deals with the motion of objects without considering the forces that cause the motion; the study of the geometric and algebraic properties of motion, such as displacement, velocity, and acceleration
13. flashy bl__g *n.* a slang term that refers to flashy, showy, or ostentatious jewelry, often characterized by its high cost or precious materials
14. her_____ne flooring *n.* a distinctive V-shaped pattern created by arranging rectangles or parallelograms in an alternating slanted fashion, resembling the skeleton of a herring fish, commonly used in textiles, flooring, and masonry
15. hum_____de climate change *adj.* created or produced by humans; artificial
16. am_____e runner *n.* a person who has had an arm or a leg cut off
17. pr_____e any discussion *v.* to happen or go before something or someone in time or space

ANSWERS: 9. relinquish, 10. recreate, 11. biomedical, 12. kinematics, 13. bling, 14. herringbone, 15. human-made, 16. amputee, 17. precede

18. commercial dis_____er *n.* a machine or device used for washing dishes typically found in a kitchen; a person who washes dishes as a profession, often in a restaurant or catering setting
19. pro_____ic limbs *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
20. apo_____ic letter *adj.* feeling or expressing regret, remorse, or sorrow for one's actions; making an apology or expressing an excuse for something
21. the worst hum_____de disaster *adj.* created or produced by humans; artificial
22. ta_____ay pizza *n.* a message or conclusion that can be taken away from a situation or piece of information
23. do_____de of globalization *n.* the negative aspects or consequences of something; the potential for loss or failure
24. fin_____nt at a crime scene *n.* a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person
25. c__d in armor *adj.* dressed or covered in a particular way; provided or protected with a particular material or substance
26. rel_____sh control *v.* to give up power, control, or possession
27. bl__g jewelry *n.* a slang term that refers to flashy, showy, or ostentatious jewelry, often characterized by its high cost or precious materials

ANSWERS: 18. dishwasher, 19. prosthetic, 20. apologetic, 21. human-made, 22. takeaway, 23. downside, 24. fingerprint, 25. clad, 26. relinquish, 27. bling

28. bri_____ce of diamond *n.* the quality of being very clever or talented; the quality of being very bright or shining
29. cellular mor_____gy *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
30. ti_____c compound *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
31. scu_____al design *adj.* relating to or resembling sculpture (= a three-dimensional work of art); having a three-dimensional quality or appearance
32. dis_____en employees *v.* to cause someone to lose hope, confidence, or enthusiasm; to discourage or demoralize
33. fo_____m bone *n.* the part of a person's arm between the elbow and the wrist; (verb) to arm in advance of a confrontation
34. re_____k a marketing plan *v.* to consider again a plan, idea, etc., especially to change it
35. quadruple am_____e *n.* a person who has had an arm or a leg cut off
36. have pro_____ic arms *adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

ANSWERS: 28. brilliance, 29. morphology, 30. titanic, 31. sculptural, 32. dishearten, 33. forearm, 34. rethink, 35. amputee, 36. prosthetic

37. ind_____ize each patient *v.* to make something personal or more personal to suit the needs of a particular person, place, etc.
38. di_____l a liquid *v.* to purify or refine; to extract the essential elements
39. mor_____gy of a language *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
40. ti_____ss topic *adj.* not seeming to be altered by the passage of time or changes in fashion
41. men often pr_____e women when walking *v.* to happen or go before something or someone in time or space
42. ge__y gadgets *adj.* characterized by an intense interest or expertise in a particular subject or hobby, sometimes to the detriment of social skills or other interests
43. fo_____nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
44. bi___c exoskeleton *adj.* relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original
45. economic bri_____ce *n.* the quality of being very clever or talented; the quality of being very bright or shining
46. fi___e visa *n.* a person who is engaged to be married

ANSWERS: 37. individualize, 38. distill, 39. morphology, 40. timeless, 41. precede, 42. geeky, 43. footprint, 44. bionic, 45. brilliance, 46. fiance

47. cu____r of a library *n.* a person whose job is to manage the objects or artworks in a museum, art gallery, etc.
48. tw__d fabric *n.* a rough, woolen fabric often woven in a twill pattern, commonly used for making suits, jackets, and coats
49. her_____ne weave *n.* a distinctive V-shaped pattern created by arranging rectangles or parallelograms in an alternating slanted fashion, resembling the skeleton of a herring fish, commonly used in textiles, flooring, and masonry
50. phy_____ty of dance *n.* the physical nature or characteristics of something, especially the human body or movement; the state of being full of energy and force
51. bi___c technology *adj.* relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original
52. cutting-edge bio_____al *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
53. in_____le of being resisted *adj.* unable to do, control, or achieve something
54. meeting with the fi___e's family *n.* a person who is engaged to be married
55. in___e with spirit *v.* to fill something with a particular quality, feeling, or influence; to imbue

ANSWERS: 47. curator, 48. tweed, 49. herringbone, 50. physicality, 51. bionic, 52. biomedical, 53. incapable, 54. fiance, 55. infuse

56. gain a va_____e *n.* a position or place that provides a commanding or advantageous view or perspective; a favorable position or advantage
57. ge__y interests *adj.* characterized by an intense interest or expertise in a particular subject or hobby, sometimes to the detriment of social skills or other interests
58. re_____te the feeling of the 1920s *v.* to make something that existed previously happen or appear to exist again
59. uti_____an design *adj.* designed to be practical and functional rather than decorative or luxurious
60. re_____k the role of the manager *v.* to consider again a plan, idea, etc., especially to change it
61. strategic va_____e *n.* a position or place that provides a commanding or advantageous view or perspective; a favorable position or advantage
62. the fo_____nts of an earlier civilization *n.* a mark of a foot, shoe, or animal's foot left on a surface
63. di_____l information *v.* to purify or refine; to extract the essential elements
64. dis_____en the hopeful job applicant *v.* to cause someone to lose hope, confidence, or enthusiasm; to discourage or demoralize
65. ch_____a mouse *n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve

ANSWERS: 56. vantage, 57. geeky, 58. recreate, 59. utilitarian, 60. rethink, 61. vantage, 62. footprint, 63. distill, 64. dishearten, 65. chimera

66. several veins of the fo____m *n.* the part of a person's arm between the elbow and the wrist; (verb) to arm in advance of a confrontation
67. co_____in information flow *v.* to restrict or limit someone or something's freedom or ability to do something
68. imp_____al treatment *adj.* lacking personal warmth or feeling; not influenced by personal feelings or individual characteristics; relating to an object or concept rather than a specific person
69. express phy_____ty *n.* the physical nature or characteristics of something, especially the human body or movement; the state of being full of energy and force
70. major do_____de *n.* the negative aspects or consequences of something; the potential for loss or failure
71. co_____in his freedom *v.* to restrict or limit someone or something's freedom or ability to do something
72. scu_____al masterpiece *adj.* relating to or resembling sculpture (= a three-dimensional work of art); having a three-dimensional quality or appearance
73. low rec_____ity problem *n.* the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm

ANSWERS: 66. forearm, 67. constrain, 68. impersonal, 69. physicality, 70. downside, 71. constrain, 72. sculptural, 73. recyclability

74. rotational kin_____cs *n.* the branch of mechanics that deals with the motion of objects without considering the forces that cause the motion; the study of the geometric and algebraic properties of motion, such as displacement, velocity, and acceleration
75. rec_____ity rate *n.* the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm
76. ta_____ay message *n.* a message or conclusion that can be taken away from a situation or piece of information
77. drunk and in_____le *adj.* unable to do, control, or achieve something
78. c__d completely in black *adj.* dressed or covered in a particular way; provided or protected with a particular material or substance
79. interim cu_____r *n.* a person whose job is to manage the objects or artworks in a museum, art gallery, etc.
80. interspecies ch_____a *n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve
81. uti_____an economics *adj.* designed to be practical and functional rather than decorative or luxurious
82. ind_____ize dosages *v.* to make something personal or more personal to suit the needs of a particular person, place, etc.

ANSWERS: 74. kinematics, 75. recyclability, 76. takeaway, 77. incapable, 78. clad, 79. curator, 80. chimera, 81. utilitarian, 82. individualize

ANSWERS:

Session 3: Fill in the Blanks

1. New _____ joints are less prone to metal poisoning.
adj. of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
2. My _____ and I are looking for a new apartment after our wedding.
n. a person who is engaged to be married
3. The _____ of rocks can reveal clues about their geological history.
n. the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
4. She wore a stylish _____ coat, perfect for the chilly weather.
n. a rough, woolen fabric often woven in a twill pattern, commonly used for making suits, jackets, and coats
5. She loves to accessorize with lots of _____ but I prefer a different style.
n. a slang term that refers to flashy, showy, or ostentatious jewelry, often characterized by its high cost or precious materials
6. We have to _____ our company's product lineup for further growth.
v. to consider again a plan, idea, etc., especially to change it
7. The accident left him with numbness in his left _____.
n. the part of a person's arm between the elbow and the wrist; (verb) to arm in advance of a confrontation

ANSWERS: 1. prosthetic, 2. fiance, 3. morphology, 4. tweed, 5. bling, 6. rethink, 7. forearm

8. The main _____ from the meeting was the need for better communication.
n. a message or conclusion that can be taken away from a situation or piece of information
9. He had a _____ sense of humor and loved to make puns.
adj. characterized by an intense interest or expertise in a particular subject or hobby, sometimes to the detriment of social skills or other interests
10. From our _____ point, we could see the whole city skyline.
n. a position or place that provides a commanding or advantageous view or perspective; a favorable position or advantage
11. The bridge is a _____ structure and was built to span the river.
adj. created or produced by humans; artificial
12. The _____ of the new policy was that it would be more expensive for customers.
n. the negative aspects or consequences of something; the potential for loss or failure
13. He was _____ for being late to the meeting.
adj. feeling or expressing regret, remorse, or sorrow for one's actions; making an apology or expressing an excuse for something
14. There is a _____ aspect to his most remarkable work.
adj. not seeming to be altered by the passage of time or changes in fashion
15. Agricultural development generally _____ economic growth.
v. to happen or go before something or someone in time or space

ANSWERS: 8. takeaway, 9. geeky, 10. vantage, 11. human-made, 12. downside, 13. apologetic, 14. timeless, 15. precedes

16. Animal _____ are created by combining multiple fertilized eggs.
- n.* (in Greek mythology) a fire-breathing creature with a lion's head, a goat's body, and a snake's tail; a thing that is illusory or impossible to achieve
17. _____ engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.
- adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
18. The _____ detergent cleans the dishes more effectively than regular dish soap.
- n.* a machine or device used for washing dishes typically found in a kitchen; a person who washes dishes as a profession, often in a restaurant or catering setting
19. The high-rise office building had an _____ atmosphere, making it feel corporate and uninviting.
- adj.* lacking personal warmth or feeling; not influenced by personal feelings or individual characteristics; relating to an object or concept rather than a specific person
20. The police used a _____ scanner to identify the suspect.
- n.* a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person
21. Our schools offer _____ education by excellent teachers.
- v.* to make something personal or more personal to suit the needs of a particular person, place, etc.
22. The _____ ship sank on its maiden voyage.
- adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

ANSWERS: 16. chimeras, 17. Biomedical, 18. dishwasher, 19. impersonal, 20. fingerprint, 21. individualized, 22. titanic

23. The soldier was fitted with a _____ arm after losing him in combat.
adj. relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original
24. She decided to _____ her thoughts into a more manageable list.
v. to purify or refine; to extract the essential elements
25. The athlete was _____ in a tight-fitting suit designed to reduce drag and improve performance.
adj. dressed or covered in a particular way; provided or protected with a particular material or substance
26. The fashion designer showcased a stunning _____ pattern on the runway.
n. a distinctive V-shaped pattern created by arranging rectangles or parallelograms in an alternating slanted fashion, resembling the skeleton of a herring fish, commonly used in textiles, flooring, and masonry
27. He seems _____ of understanding what she says.
adj. unable to do, control, or achieve something
28. She _____ fresh herbs into the soup for added flavor.
v. to fill something with a particular quality, feeling, or influence; to imbue
29. The _____ details on the building's facade were simply stunning.
adj. relating to or resembling sculpture (= a three-dimensional work of art); having a three-dimensional quality or appearance
30. _____ often experience an illusion of a phantom limb.
n. a person who has had an arm or a leg cut off

ANSWERS: 23. bionic, 24. distill, 25. clad, 26. herringbone, 27. incapable, 28. infused, 29. sculptural, 30. Amputees

31. The _____ of electronic devices is a significant challenge due to the complexity of their components.
- n.* the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm
32. She decided to _____ her role as the leader of the group.
- v.* to give up power, control, or possession
33. The team's loss in the semifinals did not _____ their determination to return stronger next season.
- v.* to cause someone to lose hope, confidence, or enthusiasm; to discourage or demoralize
34. The political situation _____ the country's economic growth and foreign relations.
- v.* to restrict or limit someone or something's freedom or ability to do something
35. The scientist's _____ led to many groundbreaking discoveries in his field.
- n.* the quality of being very clever or talented; the quality of being very bright or shining
36. The kitchen is designed with a _____ approach, focusing on practicality rather than aesthetics.
- adj.* designed to be practical and functional rather than decorative or luxurious
37. 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
38. The museum _____ conserved the ancient manuscripts.
- n.* a person whose job is to manage the objects or artworks in a museum, art gallery, etc.

ANSWERS: 31. recyclability, 32. relinquish, 33. dishearten, 34. constrained, 35. brilliance, 36. utilitarian, 37. recreated, 38. curator

39. The _____ equations he used accurately predicted the object's future position.
- n.* the branch of mechanics that deals with the motion of objects without considering the forces that cause the motion; the study of the geometric and algebraic properties of motion, such as displacement, velocity, and acceleration
40. We choose transportation that has a smaller carbon _____.
- n.* a mark of a foot, shoe, or animal's foot left on a surface
41. The athlete's success was largely due to her _____ and dedication to fitness.
- n.* the physical nature or characteristics of something, especially the human body or movement; the state of being full of energy and force

ANSWERS: 39. kinematics, 40. footprint, 41. physicality