

# Englist.me



## Vocabulary Builder Reference from...

*Peter Diamandis: Our next giant leap | TED Talk*

[https://www.ted.com/talks/peter\\_diamandis\\_our\\_next\\_giant\\_leap](https://www.ted.com/talks/peter_diamandis_our_next_giant_leap)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### biosphere

*n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

*synonym*: ecosphere, ecospace, ecosystem

(1) terrestrial **biosphere**, (2) artificial **biosphere**

The balance of the **biosphere** is crucial for the survival of species.

### crumb

*n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something

*synonym*: fragment, particle, bit

(1) **crumb** of information, (2) bread **crumb**

My dog found a **crumb** on the floor and quickly ate it.

### folly

*n.* a lack of good sense or judgment; foolishness or absurdity; specifically, a costly, useless, or pointless building or project that has been created or undertaken for no practical purpose or benefit

*synonym*: absurdity, foolishness, irrationality

(1) economic **folly**, (2) act of **folly**

It was **folly** for the hiker to climb the dangerous mountain alone.

- pelt** v. to hit or throw things at someone or something repeatedly and forcefully; to rain heavily  
*synonym* : hurl, fling, throw  
(1) **pelt** him with stones, (2) **pelt** with questions  
The crowd **pelted** the stage with bottles and cans in protest.
- verge** n. the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border  
*synonym* : brink, edge, margin  
(1) **verge** of bankruptcy, (2) on the **verge** of tears  
He stood on the **verge** of a major discovery.
- ubiquitous** *adj.* being or existing everywhere at once  
*synonym* : universal, omnipresent, everywhere  
(1) **ubiquitous** computing, (2) **ubiquitous** across ecosystems  
Sugar is **ubiquitous** in food.
- probabilistic** *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks  
*synonym* : probable, statistical, likely  
(1) **probabilistic** model, (2) **probabilistic** approach  
In a **probabilistic** system, the outcome is uncertain and can vary based on chance.
- asteroid** n. (also "planetoid") a small rocky body orbiting the sun, typically in the region between Mars and Jupiter  
*synonym* : minor planet, planetoid, rocky planetesimal  
(1) **asteroid** mining, (2) **asteroid** explorer  
Scientists are studying the composition and origins of the **asteroid** belt to understand the early solar system better.
- greedy** *adj.* having or showing an intense or insatiable desire for wealth, status, power, or food  
*synonym* : avaricious, covetous, grasping

(1) **greedy** person, (2) **greedy** for money  
His **greedy** behavior led him to steal from the company.

## furry

*adj.* covered in fur or a furry material; resembling fur  
*synonym*: hairy, fuzzy, feathered

(1) the **furry** skin, (2) have **furry** leaves  
The stuffed animal was so **furry** and soft that it was hard to resist hugging it.

## mammal

*n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

(1) a primitive **mammal**, (2) a sort of **mammal**  
Marine **mammal** populations are declining worldwide due to ocean pollution.

## dinosaur

*n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin  
*synonym*: reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil  
The discovery of a new **dinosaur** species made headlines in the scientific community.

## disastrous

*adj.* extremely bad, harmful, or unsuccessful  
*synonym*: catastrophic, destructive, fatal

(1) have **disastrous** consequences, (2) absolutely **disastrous** effect  
The emission of hazardous substances has **disastrous** effects on the ecology of a region.

## situ

*adj.* short for "situated," meaning located or placed in a particular position or circumstance  
*synonym*: situational, contextual, circumstantial

(1) ex- **situ** conservation, (2) in- **situ** control  
Melanoma in **situ** is considered the earliest stage of melanoma and has a high cure rate with appropriate

treatment.

## spacesuit

*n.* a protective garment that astronauts wear and other space travelers when outside a spacecraft or in a space environment

*synonym* : space suit, extravehicular activity suit, pressure suit

(1) **spacesuit** helmet, (2) emergency **spacesuit**

The **spacesuit** gloves are specially designed to allow for dexterity and grip, despite the vacuum of space.

## joule

*n.* the unit of measurement for energy in the International System of Units (SI), equal to the work done by a force of one newton when its point of application moves one meter in the direction of the force

*synonym* : calorie

(1) measure energy in **joules**, (2) **joule** heating

A 60-watt light bulb uses 60 **joules** of energy per second.

## expend

*v.* to use or spend time, money, energy, etc.

*synonym* : disburse, spend, pay

(1) **expend** a great deal of energy, (2) **expend** time and resources

Billionaires tend to **expend** private funds on a public undertaking.

## exothermic

*adj.* referring to a chemical reaction or process that releases heat or energy to the surroundings

*synonym* : heat-releasing, thermogenic

(1) **exothermic** energy transfer, (2) **exothermic** combustion

The **exothermic** reaction produced a lot of heat and light.

## visionary

*adj.* having or showing exceptional foresight and imagination; not practical or realizable; speculative

*synonym* : prophetic, far-sighted, imaginative

(1) **visionary** business, (2) **visionary** ideas

The **visionary** leader had a clear plan for the company's future.

## 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.

## wright

*n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal

*synonym* : builder, constructor, craftsman

(1) a car- **wright**, (2) aircraft **wright**

She was a skilled **wright**, able to craft intricate pieces of furniture.

## weightless

*adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space

*synonym* : floatable, buoyant, light

(1) **weightless** flight, (2) **weightless** environment

The astronaut felt **weightless** as she floated inside the International Space Station.

## stockpile

*n.* a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve

*synonym* : reserve, hoard, cache

(1) **stockpile** weapons, (2) nuclear **stockpile**

The farmer had a huge **stockpile** of hay for the winter.

## beeline

*n.* a straight, direct route taken with or as if with the intentions of a bee flying to its hive or a source of nectar or pollen

*synonym* : shortest route, direct path, straight line

(1) take a **beeline** approach, (2) a **beeline** to the exit

After finishing his last final exam, he made a **beeline** for the home to relax.

## parabola

*n.* a symmetrical curve formed by the intersection of a cone with a plane parallel to its side; (of mathematics) a curve described by a quadratic equation (a type of polynomial equation of the second degree denoted as  $ax^2 + bx + c = 0$ )

*synonym*: curve, arch

(1) **parabola** shape, (2) **parabola** equation

The trajectory of the cannonball followed a **parabola** in the air.

## narrator

*n.* a person who tells a story, especially in a book or film

*synonym*: teller, storyteller

(1) first-person **narrator**, (2) the **narrator** of the TV program

The **narrator** makes use of the local dialect.

## 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.

## societal

*adj.* relating to society or social relationships

*synonym*: social, communal, cultural

(1) **societal** norms, (2) **societal** expectations

The **societal** pressure to conform is strong in this community.

## 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.

## innovate

*v.* to introduce new methods, ideas, or products

*synonym*: bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently

**innovate** the emerging technologies.

## ridicule

*n.* speech or behavior that makes fun of or mocks someone or something; teasing, sarcasm, or scornful remarks that are intended to belittle or humiliate; (verb) to mock, criticize, or make fun of someone or something in a scornful or derisive way

*synonym* : derision, mockery, satire

(1) public **ridicule**, (2) **ridicule** at his expense

The **ridicule** from his classmates made him feel embarrassed and ashamed.

## bureaucracy

*n.* a system of government in which most of the important decisions are made by state officials rather than by elected representatives

*synonym* : administration, government, system

(1) government **bureaucracy**, (2) arbitrary **bureaucracy**

The bumbling **bureaucracy** made it difficult to get the permits we needed.

## credential

*v.* to provide someone with certification or verification of their qualifications, usually in a particular field or profession; (noun) a document attesting to the truth of certain stated facts

*synonym* : certify, verify, (noun) certificate

(1) **credential** themselves by showing their registration,

(2) teaching **credential**

To get the job, I need to **credential** my experience and education.

## nanoscale

*adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale

(1) **nanoscale** device, (2) things at the **nanoscale**

This process improves the strength of the metal by controlling the **nanoscale** lattice structure of the metal.

## ventral

*adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal

*synonym*: abdominal, ventricose, stomachal

(1) **ventral** fin, (2) **ventral** hernia

The **ventral** side of the fish was beautifully colored.

## revolutionize

*v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas

*synonym*: transform, innovate, modernize

(1) **revolutionize** the industry, (2) **revolutionize** the technology

The invention of the smartphone **revolutionized** the way we communicate with each other.

## 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.

## entrepreneurship

*n.* the process or skill of starting and running a business, particularly a new and innovative one

*synonym*: self-employment, risk-taking

(1) **entrepreneurship** culture, (2) embody **entrepreneurship**

The government is investing in programs to support **entrepreneurship** and small business development.



## Session 2: Spelling

1. sp\_\_\_\_\_it helmet *n.* a protective garment that astronauts wear and other space travelers when outside a spacecraft or in a space environment
  
2. aircraft wr\_\_\_\_t *n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal
  
3. the na\_\_\_\_\_or of the TV program *n.* a person who tells a story, especially in a book or film
  
4. rev\_\_\_\_\_ize the industry *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
  
5. st\_\_\_\_\_le weapons *n.* a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve
  
6. as\_\_\_\_\_id explorer *n.* (also "planetoid") a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
  
7. pro\_\_\_\_\_tic model *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
  
8. ve\_\_\_\_\_l hernia *adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal

ANSWERS: 1. spacesuit, 2. wright, 3. narrator, 4. revolutionize, 5. stockpile, 6. asteroid, 7. probabilistic, 8. ventral

9. terrestrial bi\_\_\_\_\_re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
10. p\_\_t with questions *v.* to hit or throw things at someone or something repeatedly and forcefully; to rain heavily
11. economic fo\_\_y *n.* a lack of good sense or judgment; foolishness or absurdity; specifically, a costly, useless, or pointless building or project that has been created or undertaken for no practical purpose or benefit
12. act of fo\_\_y *n.* a lack of good sense or judgment; foolishness or absurdity; specifically, a costly, useless, or pointless building or project that has been created or undertaken for no practical purpose or benefit
13. ubi\_\_\_\_\_us across ecosystems *adj.* being or existing everywhere at once
14. things at the na\_\_\_\_\_le *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
15. ind\_\_\_\_\_us worker *adj.* hardworking, diligent, and persistent in effort
16. d\_\_e store *n.* an American or Canadian coin worth one-tenth of a dollar
17. government bur\_\_\_\_\_cy *n.* a system of government in which most of the important decisions are made by state officials rather than by elected representatives

ANSWERS: 9. biosphere, 10. pelt, 11. folly, 12. folly, 13. ubiquitous, 14. nanoscale, 15. industrious, 16. dime, 17. bureaucracy

18. nuclear st\_\_\_\_\_le *n.* a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve
19. absolutely dis\_\_\_\_\_us effect *adj.* extremely bad, harmful, or unsuccessful
20. cre\_\_\_\_\_al themselves by showing their registration *v.* to provide someone with certification or verification of their qualifications, usually in a particular field or profession; (noun) a document attesting to the truth of certain stated facts
21. in\_\_\_\_\_te a new method *v.* to introduce new methods, ideas, or products
22. exo\_\_\_\_\_ic energy transfer *adj.* referring to a chemical reaction or process that releases heat or energy to the surroundings
23. ex\_\_\_e the crowd *v.* to make someone feel suddenly enthusiastic or eager
24. so\_\_\_\_\_al expectations *adj.* relating to society or social relationships
25. vi\_\_\_\_\_ry business *adj.* having or showing exceptional foresight and imagination; not practical or realizable; speculative
26. a primitive ma\_\_\_l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
27. ex\_\_\_e rebellion *v.* to make someone feel suddenly enthusiastic or eager

ANSWERS: 18. stockpile, 19. disastrous, 20. credential, 21. innovate, 22. exothermic, 23. excite, 24. societal, 25. visionary, 26. mammal, 27. excite

28. in\_\_\_\_\_te the quality of his life      *v.* to introduce new methods, ideas, or products
29. ubi\_\_\_\_\_us computing      *adj.* being or existing everywhere at once
30. have dis\_\_\_\_\_us consequences      *adj.* extremely bad, harmful, or unsuccessful
31. ind\_\_\_\_\_us student      *adj.* hardworking, diligent, and persistent in effort
32. embody ent\_\_\_\_\_hip      *n.* the process or skill of starting and running a business, particularly a new and innovative one
33. a car-wr\_\_\_\_\_t      *n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal
34. a be\_\_\_\_\_e to the exit      *n.* a straight, direct route taken with or as if with the intentions of a bee flying to its hive or a source of nectar or pollen
35. wei\_\_\_\_\_ss environment      *adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space
36. arbitrary bur\_\_\_\_\_cy      *n.* a system of government in which most of the important decisions are made by state officials rather than by elected representatives
37. ri\_\_\_\_\_le at his expense      *n.* speech or behavior that makes fun of or mocks someone or something; teasing, sarcasm, or scornful remarks that are intended to belittle or humiliate; (verb) to mock, criticize, or make fun of someone or something in a scornful or derisive way

ANSWERS: 28. innovate, 29. ubiquitous, 30. disastrous, 31. industrious, 32. entrepreneurship, 33. wright, 34. beeline, 35. weightless, 36. bureaucracy, 37. ridicule

38. p\_\_t him with stones      *v.* to hit or throw things at someone or something repeatedly and forcefully; to rain heavily
39. measure energy in jo\_\_es      *n.* the unit of measurement for energy in the International System of Units (SI), equal to the work done by a force of one newton when its point of application moves one meter in the direction of the force
40. teaching cre\_\_\_\_\_al      *v.* to provide someone with certification or verification of their qualifications, usually in a particular field or profession; (noun) a document attesting to the truth of certain stated facts
41. ent\_\_\_\_\_hip culture      *n.* the process or skill of starting and running a business, particularly a new and innovative one
42. jo\_\_e heating      *n.* the unit of measurement for energy in the International System of Units (SI), equal to the work done by a force of one newton when its point of application moves one meter in the direction of the force
43. pa\_\_\_\_\_la equation      *n.* a symmetrical curve formed by the intersection of a cone with a plane parallel to its side; (of mathematics) a curve described by a quadratic equation (a type of polynomial equation of the second degree denoted as  $ax^2 + bx + c = 0$ )

ANSWERS: 38. pelt, 39. joule, 40. credential, 41. entrepreneurship, 42. joule, 43. parabola

44. ex\_\_\_d time and resources      *v.* to use or spend time, money, energy, etc.
45. ex\_\_\_d a great deal of energy      *v.* to use or spend time, money, energy, etc.
46. hulking di\_\_\_\_\_ur      *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
47. cr\_\_b of information      *n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something
48. ve\_\_e of bankruptcy      *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
49. a sort of ma\_\_\_l      *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
50. the fu\_\_y skin      *adj.* covered in fur or a furry material; resembling fur
51. pro\_\_\_\_\_tic approach      *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
52. artificial bi\_\_\_\_\_re      *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

ANSWERS: 44. expend, 45. expend, 46. dinosaur, 47. crumb, 48. verge, 49. mammal, 50. furry, 51. probabilistic, 52. biosphere

53. ve\_\_\_\_\_l fin *adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal
54. wei\_\_\_\_\_ss flight *adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space
55. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
56. have fu\_\_y leaves *adj.* covered in fur or a furry material; resembling fur
57. first-person na\_\_\_\_\_or *n.* a person who tells a story, especially in a book or film
58. gr\_\_\_y person *adj.* having or showing an intense or insatiable desire for wealth, status, power, or food
59. pa\_\_\_\_\_la shape *n.* a symmetrical curve formed by the intersection of a cone with a plane parallel to its side; (of mathematics) a curve described by a quadratic equation (a type of polynomial equation of the second degree denoted as  $ax^2 + bx + c = 0$ )
60. di\_\_\_\_\_ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
61. so\_\_\_\_\_al norms *adj.* relating to society or social relationships
62. take a be\_\_\_\_\_e approach *n.* a straight, direct route taken with or as if with the intentions of a bee flying to its hive or a source of nectar or pollen

ANSWERS: 53. ventral, 54. weightless, 55. medicinal, 56. furry, 57. narrator, 58. greedy, 59. parabola, 60. dinosaur, 61. societal, 62. beeline

63. as\_\_\_\_id mining *n.* (also "planetoid") a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
64. ex-s\_\_u conservation *adj.* short for "situated," meaning located or placed in a particular position or circumstance
65. gr\_\_\_\_y for money *adj.* having or showing an intense or insatiable desire for wealth, status, power, or food
66. in-s\_\_u control *adj.* short for "situated," meaning located or placed in a particular position or circumstance
67. public ri\_\_\_\_le *n.* speech or behavior that makes fun of or mocks someone or something; teasing, sarcasm, or scornful remarks that are intended to belittle or humiliate; (verb) to mock, criticize, or make fun of someone or something in a scornful or derisive way
68. on the ve\_\_e of tears *n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border
69. behind a d\_\_e *n.* an American or Canadian coin worth one-tenth of a dollar
70. vi\_\_\_\_ry ideas *adj.* having or showing exceptional foresight and imagination; not practical or realizable; speculative
71. exo\_\_\_\_ic combustion *adj.* referring to a chemical reaction or process that releases heat or energy to the surroundings

ANSWERS: 63. asteroid, 64. situ, 65. greedy, 66. situ, 67. ridicule, 68. verge, 69. dime, 70. visionary, 71. exothermic



72. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
73. rev\_\_\_\_\_ize the technology *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
74. emergency sp\_\_\_\_\_it *n.* a protective garment that astronauts wear and other space travelers when outside a spacecraft or in a space environment
75. na\_\_\_\_\_le device *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
76. bread cr\_\_b *n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something

ANSWERS: 72. medicinal, 73. revolutionize, 74. spacesuit, 75. nanoscale, 76. crumb

## Session 3: Fill in the Blanks

1. The stuffed animal was so \_\_\_\_\_ and soft that it was hard to resist hugging it.  
*adj.* covered in fur or a furry material; resembling fur
  
2. The government is investing in programs to support \_\_\_\_\_ and small business development.  
*n.* the process or skill of starting and running a business, particularly a new and innovative one
  
3. It was \_\_\_\_\_ for the hiker to climb the dangerous mountain alone.  
*n.* a lack of good sense or judgment; foolishness or absurdity; specifically, a costly, useless, or pointless building or project that has been created or undertaken for no practical purpose or benefit
  
4. The \_\_\_\_\_ side of the fish was beautifully colored.  
*adj.* relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal
  
5. Companies developing self-driving cars consistently \_\_\_\_\_ the emerging technologies.  
*v.* to introduce new methods, ideas, or products
  
6. The farmer had a huge \_\_\_\_\_ of hay for the winter.  
*n.* a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve
  
7. The astronaut felt \_\_\_\_\_ as she floated inside the International Space Station.  
*adj.* having no weight or feeling as if one has no weight, often related to zero gravity or outer space

ANSWERS: 1. furry, 2. entrepreneurship, 3. folly, 4. ventral, 5. innovate, 6. stockpile, 7. weightless

8. The \_\_\_\_\_ makes use of the local dialect.  
*n.* a person who tells a story, especially in a book or film
9. After finishing his last final exam, he made a \_\_\_\_\_ for the home to relax.  
*n.* a straight, direct route taken with or as if with the intentions of a bee flying to its hive or a source of nectar or pollen
10. The discovery of a new \_\_\_\_\_ species made headlines in the scientific community.  
*n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
11. The \_\_\_\_\_ gloves are specially designed to allow for dexterity and grip, despite the vacuum of space.  
*n.* a protective garment that astronauts wear and other space travelers when outside a spacecraft or in a space environment
12. Scientists are studying the composition and origins of the \_\_\_\_\_ belt to understand the early solar system better.  
*n.* (also "planetoid") a small rocky body orbiting the sun, typically in the region between Mars and Jupiter
13. His \_\_\_\_\_ behavior led him to steal from the company.  
*adj.* having or showing an intense or insatiable desire for wealth, status, power, or food
14. Billionaires tend to \_\_\_\_\_ private funds on a public undertaking.  
*v.* to use or spend time, money, energy, etc.
15. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.  
*adj.* of or relating to the treatment or cure of disease

ANSWERS: 8. narrator, 9. beeline, 10. dinosaur, 11. spacesuit, 12. asteroid, 13. greedy, 14. expend, 15. medicinal

16. To get the job, I need to \_\_\_\_\_ my experience and education.
- v.* to provide someone with certification or verification of their qualifications, usually in a particular field or profession; (noun) a document attesting to the truth of certain stated facts
17. The \_\_\_\_\_ leader had a clear plan for the company's future.
- adj.* having or showing exceptional foresight and imagination; not practical or realizable; speculative
18. Melanoma in \_\_\_\_\_ is considered the earliest stage of melanoma and has a high cure rate with appropriate treatment.
- adj.* short for "situated," meaning located or placed in a particular position or circumstance
19. The crowd \_\_\_\_\_ the stage with bottles and cans in protest.
- v.* to hit or throw things at someone or something repeatedly and forcefully; to rain heavily
20. The bumbling \_\_\_\_\_ made it difficult to get the permits we needed.
- n.* a system of government in which most of the important decisions are made by state officials rather than by elected representatives
21. My dog found a \_\_\_\_\_ on the floor and quickly ate it.
- n.* a small particle or fragment of food or other substance, often one that has broken off from a larger piece; a very small amount or portion of something
22. The emission of hazardous substances has \_\_\_\_\_ effects on the ecology of a region.
- adj.* extremely bad, harmful, or unsuccessful

ANSWERS: 16. credential, 17. visionary, 18. situ, 19. pelted, 20. bureaucracy, 21. crumb, 22. disastrous

23. He stood on the \_\_\_\_\_ of a major discovery.

- n.* the point at which something is about to happen or where something begins; the edge or margin of something, particularly a physical boundary or border

24. The \_\_\_\_\_ from his classmates made him feel embarrassed and ashamed.

- n.* speech or behavior that makes fun of or mocks someone or something; teasing, sarcasm, or scornful remarks that are intended to belittle or humiliate; (verb) to mock, criticize, or make fun of someone or something in a scornful or derisive way

25. The \_\_\_\_\_ pressure to conform is strong in this community.

- adj.* relating to society or social relationships

26. The trajectory of the cannonball followed a \_\_\_\_\_ in the air.

- n.* a symmetrical curve formed by the intersection of a cone with a plane parallel to its side; (of mathematics) a curve described by a quadratic equation (a type of polynomial equation of the second degree denoted as  $ax^2 + bx + c = 0$ )

27. The news of her promotion \_\_\_\_\_ her.

- v.* to make someone feel suddenly enthusiastic or eager

28. In a \_\_\_\_\_ system, the outcome is uncertain and can vary based on chance.

- adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

29. The invention of the smartphone \_\_\_\_\_ the way we communicate with each other.

- v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas

ANSWERS: 23. verge, 24. ridicule, 25. societal, 26. parabola, 27. excited, 28. probabilistic, 29. revolutionized

30. Marine \_\_\_\_\_ populations are declining worldwide due to ocean pollution.  
*n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
31. Sugar is \_\_\_\_\_ in food.  
*adj.* being or existing everywhere at once
32. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
33. A 60-watt light bulb uses 60 \_\_\_\_\_ of energy per second.  
*n.* the unit of measurement for energy in the International System of Units (SI), equal to the work done by a force of one newton when its point of application moves one meter in the direction of the force
34. This process improves the strength of the metal by controlling the \_\_\_\_\_ lattice structure of the metal.  
*adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
35. He never received a \_\_\_\_\_ even from the company of a close friend.  
*n.* an American or Canadian coin worth one-tenth of a dollar
36. The \_\_\_\_\_ reaction produced a lot of heat and light.  
*adj.* referring to a chemical reaction or process that releases heat or energy to the surroundings
37. The balance of the \_\_\_\_\_ is crucial for the survival of species.  
*n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

ANSWERS: 30. mammal, 31. ubiquitous, 32. industrious, 33. joules, 34. nanoscale, 35. dime, 36. exothermic, 37. biosphere

38. She was a skilled \_\_\_\_\_ able to craft intricate pieces of furniture.

*n.* a person who makes or repairs something, especially a craftsman or artisan who works with wood or metal

ANSWERS: 38. wright,