

# Englist.me



## Vocabulary Builder Reference from...

*Stephen Webb: Where are all the aliens? | TED Talk*  
[https://www.ted.com/talks/stephen\\_webb\\_where\\_are\\_all\\_the.aliens](https://www.ted.com/talks/stephen_webb_where_are_all_the.aliens)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### featureless

*adj.* lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript

*synonym* : blank, plain, feature-free

(1) **featureless** landscape, (2) **featureless** interior

The wall was **featureless**, with no patterns or designs to break up its dullness.

### hover

*v.* to stay in one place in the air

*synonym* : hang, float over, drift

(1) **hover** between life and death, (2) **hover** around the table

Two birds were **hovering** overhead.

### skeptical

*adj.* doubting that something is accurate or useful

*synonym* : doubtful, distrustful, suspicious

(1) a **skeptical** attitude, (2) **skeptical** scientists

His religious and philosophical beliefs were utterly **skeptical**.

### saucer

*n.* a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings

*synonym* : dish, plate, salver

(1) tea **saucer**, (2) flying **saucer**

She sipped her tea from a delicate **saucer**.

## misinterpret

*v.* to understand or explain something in the wrong way  
*synonym*: misunderstand, falsify, misconstrue

(1) **misinterpret** the purpose, (2) **misinterpret** the data  
He **misinterpreted** her statement and got the wrong idea.

## flit

*v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect

*synonym*: flutter, dart, skim

(1) **flit** away into the darkness, (2) **flit** from place to place  
The butterfly would **flit** from flower to flower, collecting nectar.

## cosmos

*n.* another name for the universe, mainly used when it is thought of as an ordered system

*synonym*: universe, macrocosm

(1) exploration of **cosmos**, (2) origin of the **cosmos**  
Supercomputers enable scientists to create computational models of the **cosmos**.

## puzzling

*adj.* confusing or difficult to understand; mysterious

*synonym*: baffling, confusing, enigmatic

(1) **puzzling** behavior, (2) **puzzling** questions

The detective found the clues **puzzling** and couldn't solve the case immediately.

## extraterrestrial

*adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth

*synonym*: alien, outer, otherworldly

(1) **extraterrestrial** planet, (2) **extraterrestrial** intelligence

Scientists are constantly searching for signs of **extraterrestrial** life in the universe.

## wormhole

*n.* a hypothetical tunnel or passage through space and time, permitting quicker travel across vast distances than would normally be possible

(1) quantum **wormhole**, (2) traversable **wormhole**

The theory of **wormholes** suggests they would create a shortcut between two points in space-time.

## warp

v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

*synonym*: twist, distort, deform

(1) **warp** under pressure, (2) become **warped**

The ship's hull was **warped** from years of use in rough seas.

## extrapolation

n. the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future

*synonym*: inference, projection

(1) **extrapolation** method, (2) statistical **extrapolation**

The **extrapolation** error led to inaccuracies in the economic forecasting model.

## replicate

v. to make an exact copy of something; to repeat a process or experiment to confirm the results

*synonym*: duplicate, imitate, reproduce

(1) **replicate** the cell, (2) **replicate** data

The experiment was **replicated** several times to ensure accuracy.

## intergalactic

adj. existing or occurring between different galaxies (= an independent group of stars)

*synonym*: extragalactic, cosmic, interstellar

(1) **intergalactic** travel, (2) **intergalactic** matter

The **intergalactic** spaceship traveled to distant planets.

## colonize

v. to establish a colony in or on a specific place; to settle or occupy in large numbers

*synonym*: settle, occupy, inhabit

(1) **colonize** planets, (2) **colonize** for cultivation

European powers **colonized** much of the Americas in the

16th and 17th centuries.

## recognizable

*adj.* easy to become aware of or identify

*synonym* : noticeable, perceptible, definite

(1) to a **recognizable** degree, (2) **recognizable** landmark  
His car was easily **recognizable** in the parking lot.

## habitable

*adj.* able to be lived in, suitable or fit for living in, providing sufficient conditions for survival and well-being

*synonym* : inhabitable, livable, viable

(1) **habitable** planet, (2) **habitable** space

The astronauts discovered a potentially **habitable** planet in the neighboring galaxy.

## astronomer

*n.* a physicist who studies astronomy

*synonym* : stargazer, cosmologist, astrophysicist

(1) amateur **astronomer**, (2) solar **astronomer**

This question has fascinated solar **astronomers** for decades.

## comet

*n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun

*synonym* : meteor, asteroid, meteoroid

(1) the surface of the **comet**, (2) **comet** Halley

The **comet's** bright tail could be seen in the night sky.

## interstellar

*adj.* relating to or located in the space between stars

*synonym* : galactic, cosmic, intergalactic

(1) **interstellar** communication, (2) **interstellar** space

The **interstellar** medium comprises gas, dust, and cosmic rays that fill the space between stars.

## exoplanet

*n.* a planet that orbits a star outside of the solar system

(1) the closest **exoplanet** to Earth, (2) **exoplanet** mission

The **exoplanet** Kepler-186f is located 500 light-years from Earth and is believed to be habitable.

## octopus

*n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)

*synonym* : devilfish

(1) giant **octopus**, (2) venomous **octopus**

He experienced nausea after eating live **octopus**.

## captivity

*n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from

*synonym* : confinement, detention, imprisonment

(1) escape from **captivity**, (2) animals in **captivity** in the zoo

Pandas rarely breed in **captivity**.

## raven

*n.* a large, glossy black bird that is a species of a crow; a person with jet-black hair, sometimes used as an adjective to describe such hair

*synonym* : crow, blackbird, corvid

(1) **raven** feather, (2) **raven** in flight

The **raven's** distinctive croaking call echoed through the forest.

## contemplate

*v.* to think about a possible future action or to think about something for a long time thoughtfully

*synonym* : think over, ponder, consider

(1) **contemplate** a marriage, (2) **contemplated** leaving school

I recently **contemplated** dropping out of school and getting a full-time job.

## infer

*v.* to form an opinion or conclude that something is true based on existing facts

*synonym* : guess, deduce, assume

(1) **infer** quality from price, (2) **infer** the possibility

Animal desire and preference are always **inferred** from their behavior.

- rev** *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute  
*synonym* : revolution, RPM, speed  
(1) low- **rev** engine, (2) **rev** up the crowd  
He stepped on the gas pedal, and the engine released a loud **rev**.
- geophysical** *adj.* relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography  
*synonym* : geologic, earth science, seismic  
(1) **geophysical** exploration, (2) **geophysical** data  
**Geophysical** surveys study the physical characteristics of the Earth's surface and subsurface.
- inhabitant** *n.* a person or an animal that lives in a particular place  
*synonym* : dweller, occupant, resident  
(1) the early **inhabitants** of Europe, (2) **inhabitant** tax  
His family is the oldest **inhabitant** of the island.
- clement** *adj.* mild, merciful, or forgiving in temperament or actions; lenient  
*synonym* : merciful, compassionate, forgiving  
(1) **clement** weather, (2) **clement** response  
The teacher's **clement** demeanor helped ease the students' nerves before the exam.
- astronomical** *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude  
*synonym* : huge, vast, enormous  
(1) **astronomical** observation, (2) **astronomical** numbers  
The cost of the new equipment was **astronomical** and beyond the company's budget.

## chaotic

*adj.* without any order or organization; extremely disorganized, unpredictable, and confusing

*synonym*: disorderly, cluttered, topsy-turvy

(1) the **chaotic** economic situation, (2) **chaotic** theory

Change is also occurring in Turkey as a result of **chaotic** reform.

## multicellular

*adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

*synonym*: multicelled, many-celled, complex

(1) **multicellular** tissues, (2) **multicellular** life

**Multicellular** organisms are composed of many specialized cells working together.

## opportune

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

*synonym*: suitable, timely, practical

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

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

## benign

*adj.* kind and gentle; not harmful or malicious

*synonym*: kind, gentle, harmless

(1) **benign** tumor, (2) a **benign** smile

The lump was discovered to be **benign**, and no further treatment was needed.

## eon

*n.* (also aeon) an indefinite long period of time; the longest division of geological time scale

*synonym*: aeon

(1) a geological **eon**, (2) over the **eons**

I heard that fairy tale **eons** ago.

## inflict

*v.* to cause harm, injury, or suffering to someone or something

*synonym*: impose, levy, administer

(1) **inflict** a heavier tax, (2) **inflict** a hard blow

The storm **inflicted** significant damage on the town.

## flare

*v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface

*synonym* : blaze, ignite, light up

(1) **flare** up into a major crisis, (2) the **flare** of a match

The Sun **flared** and caused a sudden brightening in the sky.

## wistful

*adj.* expressing a feeling of vague, sad, or inconsolable longing

*synonym* : longing, nostalgic, pensive

(1) in a **wistful** mood, (2) **wistful** feeling

He had a **wistful** look in his eyes as he remembered the past.

## determinant

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

*synonym* : cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.



## Session 2: Spelling

1. pu\_\_\_\_ng behavior *adj.* confusing or difficult to understand; mysterious
2. in\_\_\_\_t a heavier tax *v.* to cause harm, injury, or suffering to someone or something
3. ast\_\_\_\_cal observation *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
4. r\_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
5. cl\_\_\_\_t response *adj.* mild, merciful, or forgiving in temperament or actions; lenient
6. fea\_\_\_\_ss interior *adj.* lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript
7. exploration of co\_\_\_\_s *n.* another name for the universe, mainly used when it is thought of as an ordered system
8. the closest ex\_\_\_\_et to Earth *n.* a planet that orbits a star outside of the solar system
9. traversable wo\_\_\_\_le *n.* a hypothetical tunnel or passage through space and time, permitting quicker travel across vast distances than would normally be possible

ANSWERS: 1. puzzling, 2. inflict, 3. astronomical, 4. rev, 5. clement, 6. featureless, 7. cosmos, 8. exoplanet, 9. wormhole

10. low-r\_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
11. ha\_\_\_\_\_le space *adj.* able to be lived in, suitable or fit for living in, providing sufficient conditions for survival and well-being
12. ra\_\_n in flight *n.* a large, glossy black bird that is a species of a crow; a person with jet-black hair, sometimes used as an adjective to describe such hair
13. ch\_\_\_\_\_c theory *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
14. int\_\_\_\_\_tic travel *adj.* existing or occurring between different galaxies (= an independent group of stars)
15. geo\_\_\_\_\_al data *adj.* relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography
16. fea\_\_\_\_\_ss landscape *adj.* lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript
17. mis\_\_\_\_\_ret the purpose *v.* to understand or explain something in the wrong way
18. con\_\_\_\_\_te a marriage *v.* to think about a possible future action or to think about something for a long time thoughtfully

ANSWERS: 10. rev, 11. habitable, 12. raven, 13. chaotic, 14. intergalactic, 15. geophysical, 16. featureless, 17. misinterpret, 18. contemplate

19. escape from ca\_\_\_\_\_ty      *n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from
20. origin of the co\_\_\_\_s      *n.* another name for the universe, mainly used when it is thought of as an ordered system
21. re\_\_\_\_\_te the cell      *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
22. ra\_\_n feather      *n.* a large, glossy black bird that is a species of a crow; a person with jet-black hair, sometimes used as an adjective to describe such hair
23. to a rec\_\_\_\_\_ble degree      *adj.* easy to become aware of or identify
24. in a wi\_\_\_\_\_l mood      *adj.* expressing a feeling of vague, sad, or inconsolable longing
25. co\_\_t Halley      *n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
26. pu\_\_\_\_\_ng questions      *adj.* confusing or difficult to understand; mysterious
27. ext\_\_\_\_\_ial intelligence      *adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth
28. the ch\_\_\_\_\_c economic situation      *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing

ANSWERS: 19. captivity, 20. cosmos, 21. replicate, 22. raven, 23. recognizable, 24. wistful, 25. comet, 26. puzzling, 27. extraterrestrial, 28. chaotic

29. venomous oc\_\_\_\_s *n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)
30. the fl\_\_e of a match *v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface
31. f\_\_t away into the darkness *v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect
32. ast\_\_\_\_cal numbers *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
33. int\_\_\_\_tic matter *adj.* existing or occurring between different galaxies (= an independent group of stars)
34. in\_\_r the possibility *v.* to form an opinion or conclude that something is true based on existing facts
35. be\_\_\_\_n tumor *adj.* kind and gentle; not harmful or malicious
36. ho\_\_r between life and death *v.* to stay in one place in the air
37. in\_\_r quality from price *v.* to form an opinion or conclude that something is true based on existing facts
38. inh\_\_\_\_nt tax *n.* a person or an animal that lives in a particular place

ANSWERS: 29. octopus, 30. flare, 31. flit, 32. astronomical, 33. intergalactic, 34. infer, 35. benign, 36. hover, 37. infer, 38. inhabitant

39. a be\_\_\_n smile *adj.* kind and gentle; not harmful or malicious
40. wi\_\_\_\_\_l feeling *adj.* expressing a feeling of vague, sad, or inconsolable longing
41. flying sa\_\_\_\_r *n.* a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings
42. cl\_\_\_\_\_t weather *adj.* mild, merciful, or forgiving in temperament or actions; lenient
43. geo\_\_\_\_\_al exploration *adj.* relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography
44. con\_\_\_\_\_ted leaving school *v.* to think about a possible future action or to think about something for a long time thoughtfully
45. in\_\_\_\_\_t a hard blow *v.* to cause harm, injury, or suffering to someone or something
46. fl\_\_e up into a major crisis *v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface
47. mul\_\_\_\_\_lar life *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

ANSWERS: 39. benign, 40. wistful, 41. saucer, 42. clement, 43. geophysical, 44. contemplate, 45. inflict, 46. flare, 47. multicellular

48. mis\_\_\_\_\_ret the data      *v.* to understand or explain something in the wrong way
49. amateur ast\_\_\_\_\_er      *n.* a physicist who studies astronomy
50. op\_\_\_\_\_ne occasion      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
51. rec\_\_\_\_\_ble landmark      *adj.* easy to become aware of or identify
52. quantum wo\_\_\_\_\_le      *n.* a hypothetical tunnel or passage through space and time, permitting quicker travel across vast distances than would normally be possible
53. w\_\_p under pressure      *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
54. re\_\_\_\_\_te data      *v.* to make an exact copy of something; to repeat a process or experiment to confirm the results
55. ext\_\_\_\_\_ial planet      *adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth
56. animals in ca\_\_\_\_\_ty in the zoo      *n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from
57. tea sa\_\_\_\_r      *n.* a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings

ANSWERS: 48. misinterpret, 49. astronomer, 50. opportune, 51. recognizable, 52. wormhole, 53. warp, 54. replicate, 55. extraterrestrial, 56. captivity, 57. saucer

58. ex\_\_\_\_\_et mission *n.* a planet that orbits a star outside of the solar system
59. int\_\_\_\_\_lar communication *adj.* relating to or located in the space between stars
60. a geological e\_n *n.* (also aeon) an indefinite long period of time; the longest division of geological time scale
61. mul\_\_\_\_\_lar tissues *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
62. a det\_\_\_\_\_nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
63. co\_\_\_\_\_ze planets *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
64. co\_\_\_\_\_ze for cultivation *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
65. int\_\_\_\_\_lar space *adj.* relating to or located in the space between stars
66. a sk\_\_\_\_\_al attitude *adj.* doubting that something is accurate or useful
67. the early inh\_\_\_\_\_nts of Europe *n.* a person or an animal that lives in a particular place
68. ho\_\_r around the table *v.* to stay in one place in the air
69. environmental det\_\_\_\_\_nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

ANSWERS: 58. exoplanet, 59. interstellar, 60. eon, 61. multicellular, 62. determinant, 63. colonize, 64. colonize, 65. interstellar, 66. skeptical, 67. inhabitant, 68. hover, 69. determinant

70. an op\_\_\_\_\_ne remark      *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
71. become w\_\_ped      *v.* to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something
72. giant oc\_\_\_\_\_s      *n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)
73. solar ast\_\_\_\_\_er      *n.* a physicist who studies astronomy
74. f\_\_t from place to place      *v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect
75. ha\_\_\_\_\_le planet      *adj.* able to be lived in, suitable or fit for living in, providing sufficient conditions for survival and well-being
76. over the e\_ns      *n.* (also aeon) an indefinite long period of time; the longest division of geological time scale
77. sk\_\_\_\_\_al scientists      *adj.* doubting that something is accurate or useful
78. ext\_\_\_\_\_ion method      *n.* the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future

ANSWERS: 70. opportune, 71. warp, 72. octopus, 73. astronomer, 74. flit, 75. habitable, 76. eon, 77. skeptical, 78. extrapolation



79. statistical ext\_\_\_\_\_ion

*n.* the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future

80. the surface of the co\_\_t

*n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun

ANSWERS: 79. extrapolation, 80. comet

## Session 3: Fill in the Blanks

1. His family is the oldest \_\_\_\_\_ of the island.  
*n.* a person or an animal that lives in a particular place
2. I heard that fairy tale \_\_\_\_\_ ago.  
*n.* (also aeon) an indefinite long period of time; the longest division of geological time scale
3. He had a \_\_\_\_\_ look in his eyes as he remembered the past.  
*adj.* expressing a feeling of vague, sad, or inconsolable longing
4. Pandas rarely breed in \_\_\_\_\_.  
*n.* the situation in which a person or animal is kept in prison or a space that they cannot escape from
5. The detective found the clues \_\_\_\_\_ and couldn't solve the case immediately.  
*adj.* confusing or difficult to understand; mysterious
6. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
7. I recently \_\_\_\_\_ dropping out of school and getting a full-time job.  
*v.* to think about a possible future action or to think about something for a long time thoughtfully
8. The Sun \_\_\_\_\_ and caused a sudden brightening in the sky.  
*v.* to burn brightly with a sudden, intense burst of flame or light; (noun) a sudden and brief burst of bright flame or light; a sudden and intense burst of radiation from the Sun's surface

ANSWERS: 1. inhabitant, 2. eons, 3. wistful, 4. captivity, 5. puzzling, 6. opportune, 7. contemplated, 8. flared

9. The theory of \_\_\_\_\_ suggests they would create a shortcut between two points in space-time.
- n.* a hypothetical tunnel or passage through space and time, permitting quicker travel across vast distances than would normally be possible
10. The \_\_\_\_\_ distinctive croaking call echoed through the forest.
- n.* a large, glossy black bird that is a species of a crow; a person with jet-black hair, sometimes used as an adjective to describe such hair
11. His religious and philosophical beliefs were utterly \_\_\_\_\_.
- adj.* doubting that something is accurate or useful
12. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.
- n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
13. The astronauts discovered a potentially \_\_\_\_\_ planet in the neighboring galaxy.
- adj.* able to be lived in, suitable or fit for living in, providing sufficient conditions for survival and well-being
14. Scientists are constantly searching for signs of \_\_\_\_\_ life in the universe.
- adj.* relating to or existing outside of the Earth's atmosphere or planetary boundaries; pertaining to beings or phenomena that originate from beyond the Earth
15. His car was easily \_\_\_\_\_ in the parking lot.
- adj.* easy to become aware of or identify

ANSWERS: 9. wormholes, 10. raven's, 11. skeptical, 12. determinant, 13. habitable, 14. extraterrestrial, 15. recognizable

16. The lump was discovered to be \_\_\_\_\_ and no further treatment was needed.  
*adj.* kind and gentle; not harmful or malicious
17. Change is also occurring in Turkey as a result of \_\_\_\_\_ reform.  
*adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
18. The \_\_\_\_\_ Kepler-186f is located 500 light-years from Earth and is believed to be habitable.  
*n.* a planet that orbits a star outside of the solar system
19. This question has fascinated solar \_\_\_\_\_ for decades.  
*n.* a physicist who studies astronomy
20. He experienced nausea after eating live \_\_\_\_\_.  
*n.* a sea creature with a soft round body and eight long tentacles (= long parts like arms)
21. Two birds were \_\_\_\_\_ overhead.  
*v.* to stay in one place in the air
22. The teacher's \_\_\_\_\_ demeanor helped ease the students' nerves before the exam.  
*adj.* mild, merciful, or forgiving in temperament or actions; lenient
23. The butterfly would \_\_\_\_\_ from flower to flower, collecting nectar.  
*v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect

ANSWERS: 16. benign, 17. chaotic, 18. exoplanet, 19. astronomers, 20. octopus, 21. hovering, 22. clement, 23. flit

24. The cost of the new equipment was \_\_\_\_\_ and beyond the company's budget.
- adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
25. He stepped on the gas pedal, and the engine released a loud \_\_\_\_.
- n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
26. \_\_\_\_\_ organisms are composed of many specialized cells working together.
- adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
27. She sipped her tea from a delicate \_\_\_\_\_.
- n.* a small, shallow dish with a slightly raised edge or rim used for holding a cup or as a decorative object; a flying object that is often associated with UFO sightings
28. The \_\_\_\_\_ bright tail could be seen in the night sky.
- n.* a celestial object consisting of a nucleus of ice and dust that goes around the sun
29. The \_\_\_\_\_ medium comprises gas, dust, and cosmic rays that fill the space between stars.
- adj.* relating to or located in the space between stars
30. Animal desire and preference are always \_\_\_\_\_ from their behavior.
- v.* to form an opinion or conclude that something is true based on existing facts

ANSWERS: 24. astronomical, 25. rev, 26. Multicellular, 27. saucer, 28. comet's, 29. interstellar, 30. inferred

31. Supercomputers enable scientists to create computational models of the \_\_\_\_\_.

*n.* another name for the universe, mainly used when it is thought of as an ordered system

32. He \_\_\_\_\_ her statement and got the wrong idea.

*v.* to understand or explain something in the wrong way

33. The \_\_\_\_\_ spaceship traveled to distant planets.

*adj.* existing or occurring between different galaxies (= an independent group of stars)

34. The storm \_\_\_\_\_ significant damage on the town.

*v.* to cause harm, injury, or suffering to someone or something

35. The experiment was \_\_\_\_\_ several times to ensure accuracy.

*v.* to make an exact copy of something; to repeat a process or experiment to confirm the results

36. \_\_\_\_\_ surveys study the physical characteristics of the Earth's surface and subsurface.

*adj.* relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography

37. The \_\_\_\_\_ error led to inaccuracies in the economic forecasting model.

*n.* the act of estimating or inferring something based on known information or data, often beyond the range of the available information or data; a projection or projection of trends or patterns into the future

ANSWERS: 31. cosmos, 32. misinterpreted, 33. intergalactic, 34. inflicted, 35. replicated, 36. Geophysical, 37. extrapolation

38. The ship's hull was \_\_\_\_\_ from years of use in rough seas.

- v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

39. European powers \_\_\_\_\_ much of the Americas in the 16th and 17th centuries.

- v. to establish a colony in or on a specific place; to settle or occupy in large numbers

40. The wall was \_\_\_\_\_ with no patterns or designs to break up its dullness.

- adj. lacking distinctive qualities, characteristics, or features; plain, unremarkable, or nondescript

ANSWERS: 38. warped, 39. colonized, 40. featureless,