

# Englist.me



## Vocabulary Builder Reference from...

*Alexander Tsiaras: Conception to birth -- visualized | TED Talk*  
[https://www.ted.com/talks/alexander\\_tsiaras\\_conception\\_to\\_birth\\_visualized](https://www.ted.com/talks/alexander_tsiaras_conception_to_birth_visualized)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### 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.

### visualize

*v.* to form a mental image or concept of something; to make something visible

*synonym*: imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

### astronaut

*n.* a person trained by a space agency to travel outside the Earth's atmosphere

*synonym*: spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

### robotic

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

*synonym* : automated, mechanical, laborsaving

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

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

## marvel

*n.* someone something that causes feelings of wonder or surprise

*synonym* : wonder, phenomenon, amazement

(1) a **marvel** of beauty, (2) technical **marvel**

The space shuttle is a modern engineering **marvel**.

## collagen

*n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues

*synonym* : gelatin, protein, tissue

(1) **collagen** supplement, (2) **collagen** production

Our natural **collagen** production decreases as we age, leading to wrinkles, sagging skin, and joint pain.

## twirl

*v.* to rotate rapidly around a central point; to spin or whirl around in a circular or spiral motion

*synonym* : spin, swirl, rotate

(1) **twirl** a ribbon, (2) **twirl** a hula hoop

She **twirled** her hair absentmindedly as she listened to the conversation.

## swirl

*v.* to move in a circular or spiral pattern

*synonym* : spin, whirl, turn

(1) **swirl** the wine, (2) **swirl** up dirt and dust

The chef expertly **swirled** the sauce onto the plate.

## cornea

*n.* the transparent layer at the front of the eye that covers the iris and pupil and helps to focus light onto the retina

*synonym* : eye membrane, eye lens

(1) **cornea** transplant, (2) **cornea** damage

A scratched **cornea** can be very painful and may cause blurry vision.

## opaque

*adj.* not transparent; not allowing light to pass through; not permitting a clear view

*synonym* : impenetrable, obscure, cloudy

(1) **opaque** material, (2) **opaque** color

The curtains were made of **opaque** fabric that blocked out all light.

## divinity

*n.* the state or quality of being divine; the state of being a god or goddess; the study of religious beliefs and practices

*synonym* : godhead, deity, divineness

(1) an indwelling **divinity**, (2) **divinity** degree

The ancient civilization revered the **divinity** of the god.

## 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.

## fetus

*n.* an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal

(1) development of the **fetus**, (2) an aborted **fetus**

The female vagina is elastic enough to allow the passage of a **fetus**.

## fertilize

*v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

*synonym* : pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

## ovary

*n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

(1) **ovary** atrophy, (2) salted **ovary** of walleye pollack

They found **ovary** cancer in an early stage.

## anew

*adv.* in a new or different way

*synonym* : again, once more, fresh

(1) arm **anew**, (2) review **anew**

He decided to start **anew** and leave his old life behind.

## yolk

*n.* the yellow central part of an egg, surrounded by the egg white, which provides nutrients for an embryo during its development

*synonym* : egg, ovum, yellow

(1) **yolk** lipid, (2) egg **yolk**

The chef separated the egg white from the **yolk** to make a perfect souffle.

## sack

*v.* to remove or dismiss someone from a position or place;  
(noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things

*synonym* : discharge, remove, (noun) bag

(1) **sack** an employee, (2) a sleep **sack**

He was **sacked** from his job for stealing company property.

## vertebra

*n.* a bone in the spine, or the spinal column forming the supporting structure of the spine and protecting the spinal cord

(1) cervical **vertebra**, (2) **vertebra** injury

He uses a **vertebra** traction machine for his treatment.

## retina

*n.* the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

## womb

*n.* the organ of a woman or female mammal in which a baby develops before birth

*synonym* : uterus, matrice

(1) tumor of **womb**, (2) **womb** transplant

The fertilized egg implanted itself in the **womb**.

## skeletal

*adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated

*synonym* : bony, emaciated, gaunt

(1) **skeletal** system, (2) **skeletal** muscles

The older man was skinny and **skeletal** and not in good health.

## indifferent

*adj.* having no strong feelings or preferences one way or the other, neutral

*synonym* : apathetic, disinterested, unmoved

(1) an **indifferent** glance, (2) emotionally **indifferent**

Despite the good news, she remained **indifferent** to the situation.

## 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.

## expulsion

*n.* the act of forcing someone to leave a place or organization, especially permanently

*synonym* : ejection, banishment, exile

(1) **expulsion** of gas, (2) forceful **expulsion**

The ambassador's **expulsion** was a sign of the deteriorating relations between the two countries.

## trophoblast

*n.* a layer of cells that forms the outer surface of the early embryo and later develops into the placenta, providing nourishment and support to the developing fetus

(1) **trophoblast** invasion, (2) **trophoblast** development

The **trophoblast** layer plays a critical role in embryo implantation within the uterus.

## blastocyst

*n.* an early stage in the development of an embryo, consisting of a hollow ball of cells that implants into the uterine wall during pregnancy

*synonym* : embryo, blastula

(1) embryonic **blastocyst**, (2) frozen **blastocyst**

The fertilized egg develops into a **blastocyst** before implanting into the uterine wall.

## burrow

*v.* to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal

*synonym* : tunnel, dig, excavate

(1) **burrow** through the forest, (2) **burrow** into a mystery

You can't **burrow** through solid metal.

## uterus

*n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth

*synonym* : womb

(1) **uterus** cancer, (2) bleeding from **uterus**

The physician prescribed medication to relieve the contraction of the **uterus**.

## progesterone

*n.* a hormone mainly produced in the ovaries of females that helps regulate the menstrual cycle and plays a crucial role in pregnancy

*synonym* : progestin, gestagen, luteal hormone

(1) **progesterone** receptor, (2) synthetic **progesterone**

During pregnancy, **progesterone** levels rise to support the growth of the fetus.

## origami

*n.* the Japanese art or practice of folding paper into decorative shapes and figures

*synonym*: paper folding, paper art

(1) **origami** paper, (2) **origami** art

I love making **origami** cranes during my free time.

## atrium

*n.* a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear

*synonym*: lobby, hall, chamber

(1) **atrium** architecture, (2) **atrium** valve

The office building had a beautiful **atrium** in the center, filled with natural light and plants.

## ventricle

*n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body

*synonym*: chamber, pumping heart muscle

(1) left **ventricle**, (2) **ventricle** in the brain

The heart's **ventricles** are responsible for pumping blood out to the body.

## papilla

*n.* a small, nipple-like projection or bump on the surface of an organ or tissue, typically involved in absorption or sensory perception

*synonym*: nipple, projection, bump

(1) **papilla** duct, (2) **papilla** hair cells

The **papilla** on the tongue helps to detect taste.

## tuft

*n.* a small cluster or clump of something, typically hair, grass, or feathers, that stands upright and apart from the surrounding material

*synonym*: clump, bunch, cluster

(1) capillary **tuft**, (2) **tuft** of grass

The **tuft** of hair on the cat's head stood straight in alarm.

**capillary**

*n.* a tube of small internal diameter; any of the minute tubes that carry blood

(1) a **capillary** tube, (2) **capillary** action

There are many **capillary** vessels in the gills of fish.

**microscopic**

*adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy

*synonym* : infinitesimal, tiny, atomic

(1) **microscopic** inquiry, (2) **microscopic** analysis

Inspectors noticed **microscopic** cracks in the submarine's hull.

**gyrus**

*n.* a convolution of the surface of the brain

*synonym* : convolution, brain fold, cerebral sulcus

(1) **gyrus** function, (2) cerebral **gyrus**

The inferior temporal **gyrus** is involved in object recognition.

**sulcus**

*n.* a furrow, groove, or depression, particularly one found in the surface or structure of an anatomical part, such as the brain or bone

*synonym* : groove, furrow, depression

(1) **sulcus** groove, (2) cortical **sulcus**

The hiker tripped and fell into a deep **sulcus** on the trail, spraining his ankle.

**nurture**

*v.* to take care of, feed, and protect someone or something while they are growing and developing

*synonym* : boost, cultivate, enable

(1) **nurture** love, (2) **nurture** his talents

Schools should **nurture** children's mutual interest spirit.



## Session 2: Spelling

1. op\_\_\_e color *adj.* not transparent; not allowing light to pass through; not permitting a clear view
2. ut\_\_\_s cancer *n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth
3. an indwelling di\_\_\_\_ty *n.* the state or quality of being divine; the state of being a god or goddess; the study of religious beliefs and practices
4. ex\_\_\_\_\_on of gas *n.* the act of forcing someone to leave a place or organization, especially permanently
5. an ind\_\_\_\_\_nt glance *adj.* having no strong feelings or preferences one way or the other, neutral
6. development of the fe\_\_s *n.* an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal
7. as\_\_\_\_\_ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
8. bu\_\_\_w into a mystery *v.* to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal
9. bu\_\_\_w through the forest *v.* to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal

ANSWERS: 1. opaque, 2. uterus, 3. divinity, 4. expulsion, 5. indifferent, 6. fetus, 7. astronaut, 8. burrow, 9. burrow

10. embryonic bla\_\_\_\_\_st *n.* an early stage in the development of an embryo, consisting of a hollow ball of cells that implants into the uterine wall during pregnancy
11. vi\_\_\_\_\_ze data *v.* to form a mental image or concept of something; to make something visible
12. review a\_\_w *adv.* in a new or different way
13. mic\_\_\_\_\_ic inquiry *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
14. re\_\_\_al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
15. 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
16. ro\_\_\_\_\_c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
17. pro\_\_\_\_\_one receptor *n.* a hormone mainly produced in the ovaries of females that helps regulate the menstrual cycle and plays a crucial role in pregnancy
18. synthetic pro\_\_\_\_\_one *n.* a hormone mainly produced in the ovaries of females that helps regulate the menstrual cycle and plays a crucial role in pregnancy
19. tumor of w\_\_b *n.* the organ of a woman or female mammal in which a baby develops before birth

ANSWERS: 10. blastocyst, 11. visualize, 12. anew, 13. microscopic, 14. retina, 15. determinant, 16. robotic, 17. progesterone, 18. progesterone, 19. womb

20. technical ma\_\_\_l *n.* someone something that causes feelings of wonder or surprise
21. ro\_\_\_\_c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
22. at\_\_\_m architecture *n.* a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear
23. forceful ex\_\_\_\_on *n.* the act of forcing someone to leave a place or organization, especially permanently
24. an aborted fe\_\_s *n.* an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal
25. or\_\_\_\_i art *n.* the Japanese art or practice of folding paper into decorative shapes and figures
26. ve\_\_\_\_ra injury *n.* a bone in the spine, or the spinal column forming the supporting structure of the spine and protecting the spinal cord
27. tw\_\_l a ribbon *v.* to rotate rapidly around a central point; to spin or whirl around in a circular or spiral motion
28. left ve\_\_\_\_le *n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body

ANSWERS: 20. marvel, 21. robotic, 22. atrium, 23. expulsion, 24. fetus, 25. origami, 26. vertebra, 27. twirl, 28. ventricle

29. y\_\_k lipid *n.* the yellow central part of an egg, surrounded by the egg white, which provides nutrients for an embryo during its development
30. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
31. re\_\_\_a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
32. sw\_\_l up dirt and dust *v.* to move in a circular or spiral pattern
33. mic\_\_\_\_\_ic analysis *adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
34. as\_\_\_\_\_ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
35. a ca\_\_\_\_\_ry tube *n.* a tube of small internal diameter; any of the minute tubes that carry blood
36. t\_\_t of grass *n.* a small cluster or clump of something, typically hair, grass, or feathers, that stands upright and apart from the surrounding material
37. cerebral gy\_\_s *n.* a convolution of the surface of the brain
38. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
39. capillary t\_\_t *n.* a small cluster or clump of something, typically hair, grass, or feathers, that stands upright and apart from the surrounding material
40. or\_\_\_\_\_i paper *n.* the Japanese art or practice of folding paper into decorative shapes and figures

ANSWERS: 29. yolk, 30. medicinal, 31. retina, 32. swirl, 33. microscopic, 34. astronaut, 35. capillary, 36. tuft, 37. gyrus, 38. opportune, 39. tuft, 40. origami

41. tro\_\_\_\_\_st development *n.* a layer of cells that forms the outer surface of the early embryo and later develops into the placenta, providing nourishment and support to the developing fetus
42. emotionally ind\_\_\_\_\_nt *adj.* having no strong feelings or preferences one way or the other, neutral
43. pa\_\_\_\_\_a hair cells *n.* a small, nipple-like projection or bump on the surface of an organ or tissue, typically involved in absorption or sensory perception
44. bleeding from ut\_\_\_\_s *n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth
45. nu\_\_\_\_\_e his talents *v.* to take care of, feed, and protect someone or something while they are growing and developing
46. su\_\_\_\_s groove *n.* a furrow, groove, or depression, particularly one found in the surface or structure of an anatomical part, such as the brain or bone
47. fe\_\_\_\_\_ze the female egg *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
48. co\_\_\_\_\_en supplement *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues

ANSWERS: 41. trophoblast, 42. indifferent, 43. papilla, 44. uterus, 45. nurture, 46. sulcus, 47. fertilize, 48. collagen

49. a ma\_\_\_l of beauty *n.* someone something that causes feelings of wonder or surprise
50. fe\_\_\_\_\_ze the soil *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
51. sw\_\_l the wine *v.* to move in a circular or spiral pattern
52. egg y\_\_k *n.* the yellow central part of an egg, surrounded by the egg white, which provides nutrients for an embryo during its development
53. op\_\_\_e material *adj.* not transparent; not allowing light to pass through; not permitting a clear view
54. environmental det\_\_\_\_\_nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
55. pa\_\_\_\_\_a duct *n.* a small, nipple-like projection or bump on the surface of an organ or tissue, typically involved in absorption or sensory perception
56. tro\_\_\_\_\_st invasion *n.* a layer of cells that forms the outer surface of the early embryo and later develops into the placenta, providing nourishment and support to the developing fetus
57. op\_\_\_\_\_ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 49. marvel, 50. fertilize, 51. swirl, 52. yolk, 53. opaque, 54. determinant, 55. papilla, 56. trophoblast, 57. opportune

58. arm a\_\_w *adv.* in a new or different way
59. co\_\_\_a transplant *n.* the transparent layer at the front of the eye that covers the iris and pupil and helps to focus light onto the retina
60. ov\_\_y atrophy *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
61. s\_\_k an employee *v.* to remove or dismiss someone from a position or place; (noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things
62. cervical ve\_\_\_\_ra *n.* a bone in the spine, or the spinal column forming the supporting structure of the spine and protecting the spinal cord
63. gy\_\_s function *n.* a convolution of the surface of the brain
64. co\_\_\_\_en production *n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
65. sk\_\_\_\_al muscles *adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
66. w\_\_b transplant *n.* the organ of a woman or female mammal in which a baby develops before birth

ANSWERS: 58. anew, 59. cornea, 60. ovary, 61. sack, 62. vertebra, 63. gyrus, 64. collagen, 65. skeletal, 66. womb

67. cortical su\_\_\_s *n.* a furrow, groove, or depression, particularly one found in the surface or structure of an anatomical part, such as the brain or bone
68. vi\_\_\_\_\_ze flying through space *v.* to form a mental image or concept of something; to make something visible
69. nu\_\_\_\_\_e love *v.* to take care of, feed, and protect someone or something while they are growing and developing
70. frozen bla\_\_\_\_\_st *n.* an early stage in the development of an embryo, consisting of a hollow ball of cells that implants into the uterine wall during pregnancy
71. ve\_\_\_\_\_le in the brain *n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body
72. at\_\_\_m valve *n.* a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear
73. salted ov\_\_\_y of walleye pollack *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
74. tw\_\_\_l a hula hoop *v.* to rotate rapidly around a central point; to spin or whirl around in a circular or spiral motion

ANSWERS: 67. sulcus, 68. visualize, 69. nurture, 70. blastocyst, 71. ventricle, 72. atrium, 73. ovary, 74. twirl



75. sk\_\_\_\_al system *adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
76. ca\_\_\_\_\_ry action *n.* a tube of small internal diameter; any of the minute tubes that carry blood
77. di\_\_\_\_\_ty degree *n.* the state or quality of being divine; the state of being a god or goddess; the study of religious beliefs and practices
78. co\_\_\_a damage *n.* the transparent layer at the front of the eye that covers the iris and pupil and helps to focus light onto the retina
79. a sleep s\_\_k *v.* to remove or dismiss someone from a position or place; (noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things
80. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease

ANSWERS: 75. skeletal, 76. capillary, 77. divinity, 78. cornea, 79. sack, 80. medicinal

## Session 3: Fill in the Blanks

1. They found \_\_\_\_\_ cancer in an early stage.  
*n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
  
2. The physician prescribed medication to relieve the contraction of the \_\_\_\_\_.  
*n.* a hollow muscular organ in the body of a woman or other female mammal in which a baby or young animal develops before birth
  
3. She \_\_\_\_\_ her hair absentmindedly as she listened to the conversation.  
*v.* to rotate rapidly around a central point; to spin or whirl around in a circular or spiral motion
  
4. Despite the good news, she remained \_\_\_\_\_ to the situation.  
*adj.* having no strong feelings or preferences one way or the other, neutral
  
5. The fertilized egg implanted itself in the \_\_\_\_\_.  
*n.* the organ of a woman or female mammal in which a baby develops before birth
  
6. Our natural \_\_\_\_\_ production decreases as we age, leading to wrinkles, sagging skin, and joint pain.  
*n.* a fibrous protein that forms the connective tissues in animals, including skin, tendons, and bone; often used in cosmetic and medical treatments for its ability to add firmness and elasticity to skin or other tissues
  
7. The heart's \_\_\_\_\_ are responsible for pumping blood out to the body.  
*n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body

ANSWERS: 1. ovary, 2. uterus, 3. twirled, 4. indifferent, 5. womb, 6. collagen, 7. ventricles

8. The phone rang at the most \_\_\_\_\_ time.

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

9. 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

10. He was \_\_\_\_\_ from his job for stealing company property.

*v.* to remove or dismiss someone from a position or place; (noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things

11. The surgeon removed the tumor using \_\_\_\_\_ video assistance.

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

12. The shuttle \_\_\_\_\_ trained for months before embarking on the space mission.

*n.* a person trained by a space agency to travel outside the Earth's atmosphere

13. He decided to start \_\_\_\_\_ and leave his old life behind.

*adv.* in a new or different way

14. You can't \_\_\_\_\_ through solid metal.

*v.* to excavate a hole or make a tunnel in the ground by digging, typically for use as a dwelling of an animal

15. The curtains were made of \_\_\_\_\_ fabric that blocked out all light.

*adj.* not transparent; not allowing light to pass through; not permitting a clear view

ANSWERS: 8. opportune, 9. determinant, 10. sacked, 11. robotic, 12. astronaut, 13. anew, 14. burrow, 15. opaque

16. The \_\_\_\_\_ layer plays a critical role in embryo implantation within the uterus.
- n.* a layer of cells that forms the outer surface of the early embryo and later develops into the placenta, providing nourishment and support to the developing fetus
17. She tried to \_\_\_\_\_ the layout of the new house in her mind.
- v.* to form a mental image or concept of something; to make something visible
18. The \_\_\_\_\_ of hair on the cat's head stood straight in alarm.
- n.* a small cluster or clump of something, typically hair, grass, or feathers, that stands upright and apart from the surrounding material
19. The older man was skinny and \_\_\_\_\_ and not in good health.
- adj.* of, relating to, or forming a skeleton (= frame of bones); very thin or emaciated
20. There are many \_\_\_\_\_ vessels in the gills of fish.
- n.* a tube of small internal diameter; any of the minute tubes that carry blood
21. The chef separated the egg white from the \_\_\_\_\_ to make a perfect souffle.
- n.* the yellow central part of an egg, surrounded by the egg white, which provides nutrients for an embryo during its development
22. The office building had a beautiful \_\_\_\_\_ in the center, filled with natural light and plants.
- n.* a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear
23. The inferior temporal \_\_\_\_\_ is involved in object recognition.
- n.* a convolution of the surface of the brain

ANSWERS: 16. trophoblast, 17. visualize, 18. tuft, 19. skeletal, 20. capillary, 21. yolk, 22. atrium, 23. gyrus

24. The \_\_\_\_\_ on the tongue helps to detect taste.
- n.* a small, nipple-like projection or bump on the surface of an organ or tissue, typically involved in absorption or sensory perception
25. The fertilized egg develops into a \_\_\_\_\_ before implanting into the uterine wall.
- n.* an early stage in the development of an embryo, consisting of a hollow ball of cells that implants into the uterine wall during pregnancy
26. A scratched \_\_\_\_\_ can be very painful and may cause blurry vision.
- n.* the transparent layer at the front of the eye that covers the iris and pupil and helps to focus light onto the retina
27. The ambassador's \_\_\_\_\_ was a sign of the deteriorating relations between the two countries.
- n.* the act of forcing someone to leave a place or organization, especially permanently
28. Damage to the \_\_\_\_\_ may play a role in the development of glaucoma.
- n.* the innermost light-sensitive membrane covering the back wall of the eyeball
29. I love making \_\_\_\_\_ cranes during my free time.
- n.* the Japanese art or practice of folding paper into decorative shapes and figures
30. The female vagina is elastic enough to allow the passage of a \_\_\_\_\_.
- n.* an unborn or unhatched animal in the later stages of development showing the main recognizable features of the mature animal
31. The chef expertly \_\_\_\_\_ the sauce onto the plate.
- v.* to move in a circular or spiral pattern

ANSWERS: 24. papilla, 25. blastocyst, 26. cornea, 27. expulsion, 28. retina, 29. origami, 30. fetus, 31. swirled

32. The space shuttle is a modern engineering \_\_\_\_\_.
- n.* someone something that causes feelings of wonder or surprise
33. The hiker tripped and fell into a deep \_\_\_\_\_ on the trail, spraining his ankle.
- n.* a furrow, groove, or depression, particularly one found in the surface or structure of an anatomical part, such as the brain or bone
34. He uses a \_\_\_\_\_ traction machine for his treatment.
- n.* a bone in the spine, or the spinal column forming the supporting structure of the spine and protecting the spinal cord
35. The ancient civilization revered the \_\_\_\_\_ of the god.
- n.* the state or quality of being divine; the state of being a god or goddess; the study of religious beliefs and practices
36. Inspectors noticed \_\_\_\_\_ cracks in the submarine's hull.
- adj.* tiny; exceedingly precise and detail-oriented; of or used in microscopy
37. During pregnancy, \_\_\_\_\_ levels rise to support the growth of the fetus.
- n.* a hormone mainly produced in the ovaries of females that helps regulate the menstrual cycle and plays a crucial role in pregnancy
38. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.
- adj.* of or relating to the treatment or cure of disease
39. Schools should \_\_\_\_\_ children's mutual interest spirit.
- v.* to take care of, feed, and protect someone or something while they are growing and developing

ANSWERS: 32. marvel, 33. sulcus, 34. vertebra, 35. divinity, 36. microscopic, 37. progesterone, 38. medicinal, 39. nurture

40. The couple decided to use the non-husband sperm to \_\_\_\_\_ a wife.
- v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

ANSWERS: 40. fertilize