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Vocabulary Builder Reference from...

Molly Stevens: A new way to grow bone | TED Talk https://www.ted.com/talks/molly_stevens_a_new_way _to_grow_bone

Advanced Words Only

IMPORTANT

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Session 1: Word List

biomaterial	 a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues 					
	(1) biomaterial development, (2) biomaterials industry					
	The new biomaterials used in implants are more durable					
	and less likely to cause an immune response.					
fascinate	v. to attract and hold the attention of someone deeply and irresistibly					
	synonym: captivate, intrigue, mesmerize					
	(1) fascinate the public, (2) fascinate the young					
	The magic tricks fascinated the children.					
nacre	<i>n.</i> a type of iridescent, lustrous material that is found on the inside of some shells and pearls					
	synonym: mother-of-pearl, pearl, iridescent layer					
	(1) nacre jewelry, (2) nacre buttons					
	The nacre of the pearl gave it its beautiful iridescent sheen.					
Bluetooth	<i>n</i> . a short-range wireless communication technology that allows electronic devices to connect and exchange data wirelessly over short distances, commonly used for connecting devices such as smartphones, headphones, and speakers					

	(1) Bluetooth connection, (2) Bluetooth-enabled device
	I need a Bluetooth headset for my conference calls.
ophthalmology	 n. the branch of medicine that deals with the anatomy, physiology, and diseases of the eye synonym: eye care, optometry, eye medicine
	(1) ophthalmology practice, (2) ophthalmology clinic
	My grandfather had a problem with his eyes and went to an ophthalmology specialist.
shard	 a small, sharp piece of something that has been broken, especially a material like glass, pottery, or metal synonym: break, fragment, shatter
	(1) broken shard , (2) shard of pottery
	The artist used a shard of glass to create intricate designs on
	her sculptures.
inflame	 v. to cause very strong feelings such as anger or excitement in a person or a group of people synonym: agitate, arouse, enrage
	(1) inflame skin, (2) inflame his passion
	Her eyes inflamed with crying.
ocular	 adj. relating to the eyes or vision; visual; pertaining to or connected with the sense of sight synonym: visual, optical, ophthalmic
	(1) ocular examination, (2) ocular symptoms
	After using the new ocular lens, the photographer took
	extremely sharp and detailed pictures.
cataract	n. a clouding of the lens in the eye that affects vision; a large waterfall
	synonym: clouding, blurriness, waterfall
	(1) the thunder of a cataract , (2) cataract lens
	The older man had a cataract removed from his eye, which
	improved his vision significantly.

inert	 adj. lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive synonym: motionless, inactive, dormant 			
	(1) inert gases, (2) inert ingredients			
	The rock was completely inert and didn't react when we tried to break it open.			
medicinal	<i>adj.</i> of or relating to the treatment or cure of disease <i>synonym</i> : curative, therapeutic, healing			
	(1) medicinal chemistry, (2) traditional medicinal			
	The medicinal properties of this herb have been known to help with various ailments.			
dissolve	 v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss synonym: disband, disappear, liquefy 			
	(1) dissolve the sugar, (2) officially dissolved the marriage			
	The political party dissolved after much internal fighting.			
schematic	<i>adj.</i> relating to or in the form of a scheme or diagram; showing the structure or organization of something <i>synonym</i> : diagrammatic, blueprint, structural			
	(1) schematic model, (2) simplified schematic			
	The engineer used a schematic diagram to plan out the wiring for the new building.			
biochemical	<i>adj.</i> relating to the chemical processes and substances that occur within living organisms<i>synonym</i>: molecular, biological			
	(1) biochemical reaction, (2) complex biochemical			
	Biochemical research is essential to understanding the complex chemical reactions in living organisms.			
pun	 n. a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay synonym: joke, quip, wordplay 			

	(1) witty pun , (2) silly pun The comedian's pun had the audience laughing out loud.			
cartilage	 <i>n</i>. a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose <i>synonym</i>: connective tissue, gristle, fibrocartilage 			
	(1) cartilage damage, (2) nasal cartilage			
	The knee joint is supported by cartilage , which helps absorb shock and prevent bone damage.			
ilium	 n. the upper part of the hip bone in vertebrates, consisting of a broad, flaring blade and a curved, projecting socket that fits into the pelvis synonym: pelvis, hip bone, coxal bone 			
	(1) ilium bone, (2) ilium muscle			
	The athlete suffered from an ilium injury during the last match.			
recreate	 v. to make something that existed previously happen or appear to exist again synonym: renovate, vivify, revive 			
	(1) recreate a single country, (2) recreate the feeling of the 1920s			
	She recreated the atmosphere of the pre-war age with her stage setting.			
aftereffect	 <i>n</i>. a consequence or result that follows after an event, experience, or action, sometimes with a delayed onset, often used to describe the lingering impact of traumatic experiences or medical treatments <i>synonym</i>: consequence, aftermath, outcome 			
	(1) aftereffect of an earthquake, (2) aftereffect of a drug			
	I still experience aftereffects from the car accident I was in			
	last year.			

scaffold	 <i>n</i>. a temporary platform or structure used to support workers and materials during construction or maintenance work <i>synonym</i>: platform, staging, framework
	(1) scaffold construction, (2) go to the scaffold
	The construction workers set up the scaffold to reach the top
	of the building.
vivo	 adj. alive or existing in a living organism or system; relating to or involving "live" organisms or systems, particularly in scientific research or experimentation synonym: alive, living, animate
	(1) vivo imaging, (2) in vivo research
	The vivo colors of the flowers made the garden come alive.
bioreactor	 <i>n.</i> a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes <i>synonym</i>: fermenter
	(1) bioreactor engineering, (2) anaerobic bioreactor
	The scientists optimized the conditions in the bioreactor to
	increase the yield of the desired product.
periosteum	 n. a dense layer of connective tissue that covers the external surface of bones, serving to anchor tendons and ligaments and also providing a source of new bone cells during growth and repair synonym: membrane, tissue, shell
	(1) periosteum layer, (2) periosteum inflammation
	Damage to the periosteum can delay bone healing and
	increase the risk of complications like infection
inject	 v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube) synonym: shoot, infiltrate, insinuate
	(1) inject under the skin, (2) inject a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance. a tiny hole in a material, often made by a needle, that pinhole n. allows light or other substances to pass through synonym: aperture, perforation, pore (1) **pinhole** image, (2) **pinhole** leak The camera's **pinhole** lens creates a unique blur effect in photographs. incision a sharp cut made in something with a sharp tool, n. especially during a medical procedure synonym: cut, slit, laceration (1) incision tool, (2) small incision Patients undergoing **incisional** surgery are often put to sleep by anesthesia. the branch of biology that deals with the study of the histology n. microscopic structure of tissues and cells; the microscopic examination and study of tissues to observe their structure, composition, and function synonym: microscopy, cytology, pathology (1) **histology** specimens, (2) **histology** techniques The **histology** lab provides valuable insights into the cellular structure of tissues. demarcate v. (another term for demark) to set, mark, or draw the boundaries or limits of something synonym: differentiate, delimit, mark off (1) **demarcate** the boundary, (2) **demarcate** an arrangement This partition is used to **demarcate** the interior and exterior spaces. physicist a scientist who specializes in the field of physics n. (1) talented **physicist**, (2) theoretical **physicist** Einstein was an outstanding and famous **physicist** of the

20th century.

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.				
inorganic	<i>adj.</i> being or consisting of nonliving stuff; chemical compounds that contain no or only trace amounts of carbon				
	(1) inorganic acid, (2) inorganic nutrition				
	Inorganic substances include rocks and minerals.				
squishy	<i>adj.</i> soft and yielding to the touch; easily deformed <i>synonym</i> : soft, spongy, mushy				
	(1) squishy texture, (2) a squishy story				
	The squishy foam ball is perfect for squeezing to relieve stress.				
brittle	 adj. easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile synonym: fragile, breakable, delicate 				
	(1) brittle bones, (2) brittle material				
	The old books in the library were so brittle that they crumbled upon touch.				
topography	<i>n.</i> the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features				
	synonym: terrain, landscape, geography				
	(1) topography map, (2) detailed topography				
	The topography of the region is rugged, with many hills and valleys.				

conductivity	 n. the quality of a material's ability to conduct electricity, heat, etc. synonym: conduction 			
	(1) low conductivity, (2) electrical conductivityHigh thermal conductivity is also essential for the exterior of the machine.			
synchronous	 adj. occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized synonym: simultaneous, concurrent, parallel 			
	(1) synchronous communication, (2) synchronous learning			
	The group of performers perfectly executed the			
	synchronous dance routine.			
excite	<i>v.</i> to make someone feel suddenly enthusiastic or eager <i>synonym</i> : thrill, exhilarate, animate			
	(1) excite the crowd, (2) excite rebellion			
	The news of her promotion excited her.			

Session 2: Spelling

1.	silly p_n	n.	a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay
2.	low conity	n.	the quality of a material's ability to conduct electricity, heat, etc.
3.	cact lens	n.	a clouding of the lens in the eye that affects vision; a large waterfall
4.	tophy map	n.	the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
5.	scic model	adj.	relating to or in the form of a scheme or diagram; showing the structure or organization of something
6.	bre material	adj.	easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile
7.	inic acid	adj.	being or consisting of nonliving stuff; chemical compounds that contain no or only trace amounts of carbon
8.	aftct of a drug	n.	a consequence or result that follows after an event, experience, or action, sometimes with a delayed onset, often used to describe the lingering impact of traumatic experiences or medical treatments

ANSWERS: 1. pun, 2. conductivity, 3. cataract, 4. topography, 5. schematic, 6. brittle, 7. inorganic, 8. aftereffect

9. aftct of an earthquake	n.	a consequence or result that follows after an event, experience, or action, sometimes with a delayed onset, often used to describe the lingering impact of traumatic experiences or medical
10. bioor engineering	n.	treatments a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
11. pie image	n.	a tiny hole in a material, often made by a needle, that allows light or other substances to pass through
12. go to the scld	n.	a temporary platform or structure used to support workers and materials during construction or maintenance work
13. synus communication	adj.	occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
14. nae buttons	n.	a type of iridescent, lustrous material that is found on the inside of some shells and pearls
15. sqy texture	adj.	soft and yielding to the touch; easily deformed
16. higy specimens	n.	the branch of biology that deals with the study of the microscopic structure of tissues and cells; the microscopic examination and study of tissues to observe their structure, composition, and function
17. broken shd	n.	a small, sharp piece of something that has been broken, especially a material like glass, pottery, or metal

ANSWERS: 9. aftereffect, 10. bioreactor, 11. pinhole, 12. scaffold, 13. synchronous, 14. nacre, 15. squishy, 16. histology, 17. shard

18. ophogy clinic	n.	the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
19. bioals industry	n.	a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues
20. synus learning	adj.	occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
21. simplified scic	adj.	relating to or in the form of a scheme or diagram; showing the structure or organization of something
22. fate the young	v.	to attract and hold the attention of someone deeply and irresistibly
23. meal chemistry	adj.	of or relating to the treatment or cure of disease
24. dete an arrangement	v.	(another term for demark) to set, mark, or draw the boundaries or limits of something
25. in vo research	adj.	alive or existing in a living organism or system; relating to or involving "live" organisms or systems, particularly in scientific research or experimentation
26. electrical conity	n.	the quality of a material's ability to conduct electricity, heat, etc.
27. int under the skin	v.	to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

ANSWERS: 18. ophthalmology, 19. biomaterial, 20. synchronous, 21. schematic, 22. fascinate, 23. medicinal, 24. demarcate, 25. vivo, 26. conductivity, 27. inject

28. a sqy story	adj.	soft and yielding to the touch; easily deformed
29. detailed tophy	n.	the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features
30. dive the sugar	ν.	to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
31. perum layer	n.	a dense layer of connective tissue that covers the external surface of bones, serving to anchor tendons and ligaments and also providing a source of new bone cells during growth and repair
32. bioal development	n.	a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues
33. cage damage	n.	a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose
34. nasal cage	n.	a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose
35. ocr examination	adj.	relating to the eyes or vision; visual; pertaining to or connected with the sense of sight

ANSWERS: 28. squishy, 29. topography, 30. dissolve, 31. periosteum, 32. biomaterial, 33. cartilage, 34. cartilage, 35. ocular

36.	nale device	adj.	on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
37.	int a personal opinion into a debate	v.	to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
38.	exe rebellion	v.	to make someone feel suddenly enthusiastic or eager
39.	int ingredients	adj.	lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
40.	int gases	adj.	lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
41.	ocr symptoms	adj.	relating to the eyes or vision; visual; pertaining to or connected with the sense of sight
42.	witty p_n	n.	a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay
43.	shd of pottery	n.	a small, sharp piece of something that has been broken, especially a material like glass, pottery, or metal
44.	ilm bone	n.	the upper part of the hip bone in vertebrates, consisting of a broad, flaring blade and a curved, projecting socket that fits into the pelvis

ANSWERS: 36. nanoscale, 37. inject, 38. excite, 39. inert, 40. inert, 41. ocular, 42. pun, 43. shard, 44. ilium

45. complex bioal	adj.	relating to the chemical processes and substances that occur within living organisms
46. scld construction	n.	a temporary platform or structure used to support workers and materials during construction or maintenance work
47. talented phst	n.	a scientist who specializes in the field of physics
48. anaerobic bioor	n.	a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
49. higy techniques	n.	the branch of biology that deals with the study of the microscopic structure of tissues and cells; the microscopic examination and study of tissues to observe their structure, composition, and function
50. ophogy practice	n.	the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
51. inon tool	n.	a sharp cut made in something with a sharp tool, especially during a medical procedure
52. exe the crowd	v.	to make someone feel suddenly enthusiastic or eager
53. ine skin	v.	to cause very strong feelings such as anger or excitement in a person or a group of people
54. fate the public	v.	to attract and hold the attention of someone deeply and irresistibly

ANSWERS: 45. biochemical, 46. scaffold, 47. physicist, 48. bioreactor, 49. histology, 50. ophthalmology, 51. incision, 52. excite, 53. inflame, 54. fascinate

55.	rete a single country	v.	to make something that existed previously happen or appear to exist again
56.	nae jewelry	n.	a type of iridescent, lustrous material that is found on the inside of some shells and pearls
57.	ilm muscle	n.	the upper part of the hip bone in vertebrates, consisting of a broad, flaring blade and a curved, projecting socket that fits into the pelvis
58.	theoretical phst	n.	a scientist who specializes in the field of physics
59.	the thunder of a cact	n.	a clouding of the lens in the eye that affects vision; a large waterfall
60.	BIth connection	n.	a short-range wireless communication technology that allows electronic devices to connect and exchange data wirelessly over short distances, commonly used for connecting devices such as smartphones, headphones, and speakers
61.	dete the boundary	v.	(another term for demark) to set, mark, or draw the boundaries or limits of something
62.	ine his passion	v.	to cause very strong feelings such as anger or excitement in a person or a group of people
63.	officially dived the marriage	v.	to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

ANSWERS: 55. recreate, 56. nacre, 57. ilium, 58. physicist, 59. cataract, 60. Bluetooth, 61. demarcate, 62. inflame, 63. dissolve

64.	perum inflammation	n.	a dense layer of connective tissue that covers the external surface of bones, serving to anchor tendons and ligaments and also providing a source of new bone cells during growth and repair
65.	bre bones	adj.	easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile
66.	pie leak	n.	a tiny hole in a material, often made by a needle, that allows light or other substances to pass through
67.	vo imaging	adj.	alive or existing in a living organism or system; relating to or involving "live" organisms or systems, particularly in scientific research or experimentation
68.	inic nutrition	adj.	being or consisting of nonliving stuff; chemical compounds that contain no or only trace amounts of carbon
69.	bioal reaction	adj.	relating to the chemical processes and substances that occur within living organisms
70.	traditional meal	adj.	of or relating to the treatment or cure of disease
71.	small inon	n.	a sharp cut made in something with a sharp tool, especially during a medical procedure
72.	things at the nale	adj.	on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale

ANSWERS: 64. periosteum, 65. brittle, 66. pinhole, 67. vivo, 68. inorganic, 69. biochemical, 70. medicinal, 71. incision, 72. nanoscale

73. re____te the feeling of the 1920s
v. to make something that existed previously happen or appear to exist again
74. Bl_____th-enabled device
n. a short-range wireless communication technology that allows electronic devices to connect and exchange data wirelessly over short distances, commonly used for connecting devices such as smartphones, headphones, and speakers

ANSWERS: 73. recreate, 74. Bluetooth

Session 3: Fill in the Blanks

- 1. ______ substances include rocks and minerals.
- *adj.* being or consisting of nonliving stuff; chemical compounds that contain no or only trace amounts of carbon
- 2. After using the new _____ lens, the photographer took extremely sharp and detailed pictures.
 - *adj.* relating to the eyes or vision; visual; pertaining to or connected with the sense of sight
- 3. This partition is used to ______ the interior and exterior spaces.
- v. (another term for demark) to set, mark, or draw the boundaries or limits of something
- 4. The older man had a ______ removed from his eye, which improved his vision significantly.
- *n.* a clouding of the lens in the eye that affects vision; a large waterfall
- 5. The group of performers perfectly executed the _____ dance routine.
- *adj.* occurring or operating at the same time or pace; happening simultaneously; coordinated or synchronized
- 6. My grandfather had a problem with his eyes and went to an ______ specialist.
- *n.* the branch of medicine that deals with the anatomy, physiology, and diseases of the eye
- 7. The news of her promotion _____ her.
- *v.* to make someone feel suddenly enthusiastic or eager

ANSWERS: 1. Inorganic, 2. ocular, 3. demarcate, 4. cataract, 5. synchronous, 6. ophthalmology, 7. excited

- 8. The ______ properties of this herb have been known to help with various ailments.
- *adj.* of or relating to the treatment or cure of disease
- 9. The athlete suffered from an _____ injury during the last match.
- *n*. the upper part of the hip bone in vertebrates, consisting of a broad, flaring blade and a curved, projecting socket that fits into the pelvis
- 10. The political party ______ after much internal fighting.
 - v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
- 11. The new ______ used in implants are more durable and less likely to cause an immune response.
- *n.* a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues
- 12. The artist used a _____ of glass to create intricate designs on her sculptures.
- *n*. a small, sharp piece of something that has been broken, especially a material like glass, pottery, or metal
- 13. The construction workers set up the _____ to reach the top of the building.
- *n.* a temporary platform or structure used to support workers and materials during construction or maintenance work
- 14. 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

ANSWERS: 8. medicinal, 9. ilium, 10. dissolved, 11. biomaterials, 12. shard, 13. scaffold, 14. nanoscale

- 15. _____ research is essential to understanding the complex chemical reactions in living organisms.
- *adj.* relating to the chemical processes and substances that occur within living organisms
- 16. The _____ of the pearl gave it its beautiful iridescent sheen.
- *n.* a type of iridescent, lustrous material that is found on the inside of some shells and pearls
- 17. The scientists optimized the conditions in the ______ to increase the yield of the desired product.
- *n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
- 18. The _____ lab provides valuable insights into the cellular structure of tissues.
- *n.* the branch of biology that deals with the study of the microscopic structure of tissues and cells; the microscopic examination and study of tissues to observe their structure, composition, and function
- 19. The comedian's ____ had the audience laughing out loud.
- *n.* a humorous play on words or use of words that sound similar but have different meanings, often for a comedic effect; a form of wordplay
- 20. Patients undergoing ______ surgery are often put to sleep by anesthesia.
- *n.* a sharp cut made in something with a sharp tool, especially during a medical procedure
- 21. The old books in the library were so ______ that they crumbled upon touch.
- *adj.* easily broken, cracked, or shattered when subjected to pressure or stress; lacking flexibility or resilience; fragile

ANSWERS: 15. Biochemical, 16. nacre, 17. bioreactor, 18. histology, 19. pun, 20. incisional, 21. brittle

- 22. Einstein was an outstanding and famous ______ of the 20th century.
- *n.* a scientist who specializes in the field of physics
- 23. Damage to the ______ can delay bone healing and increase the risk of complications like infection
 - *n.* a dense layer of connective tissue that covers the external surface of bones, serving to anchor tendons and ligaments and also providing a source of new bone cells during growth and repair
- 24. The magic tricks ______ the children.
 - v. to attract and hold the attention of someone deeply and irresistibly
- 25. High thermal ______ is also essential for the exterior of the machine.
 - *n.* the quality of a material's ability to conduct electricity, heat, etc.
- 26. The rock was completely _____ and didn't react when we tried to break it open.
- *adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
- 27. I still experience ______ from the car accident I was in last year.
- *n.* a consequence or result that follows after an event, experience, or action, sometimes with a delayed onset, often used to describe the lingering impact of traumatic experiences or medical treatments
- 28. The ______ foam ball is perfect for squeezing to relieve stress.
- *adj.* soft and yielding to the touch; easily deformed
- 29. The ______ of the region is rugged, with many hills and valleys.
- *n.* the arrangement and physical features of a particular area or region, including its natural and artificial elements and their relative positions and elevations; the study or description of this arrangement and these features

ANSWERS: 22. physicist, 23. periosteum, 24. fascinated, 25. conductivity, 26. inert, 27. aftereffects, 28. squishy, 29. topography

- 30. The _____ colors of the flowers made the garden come alive.
- *adj.* alive or existing in a living organism or system; relating to or involving "live" organisms or systems, particularly in scientific research or experimentation
- 31. I need a ______ headset for my conference calls.
- *n*. a short-range wireless communication technology that allows electronic devices to connect and exchange data wirelessly over short distances, commonly used for connecting devices such as smartphones, headphones, and speakers
- 32. The knee joint is supported by ______ which helps absorb shock and prevent bone damage.
- *n.* a tough, elastic connective tissue that is found in various parts of the body, such as the joints, the outer ear, and the tip of the nose
- 33. The engineer used a ______ diagram to plan out the wiring for the new building.
- *adj.* relating to or in the form of a scheme or diagram; showing the structure or organization of something
- 34. Let's try to _____ a bit of enthusiasm into your performance.
- *v*. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
- 35. She ______ the atmosphere of the pre-war age with her stage setting.
- v. to make something that existed previously happen or appear to exist again
- 36. The camera's _____ lens creates a unique blur effect in photographs.
- *n*. a tiny hole in a material, often made by a needle, that allows light or other substances to pass through

ANSWERS: 30. vivo, 31. Bluetooth, 32. cartilage, 33. schematic, 34. inject, 35. recreated, 36. pinhole

- 37. Her eyes _____ with crying.
 - v. to cause very strong feelings such as anger or excitement in a person or a group of people

ANSWERS: 37. inflamed