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Vocabulary Builder Reference from...

Kevin Stone: The bio-future of joint replacement |

TED Talk

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

Advanced Words Only

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Session 1: Word List

meniscus

n. a thin, curved layer of liquid, especially the concave surface of a liquid in a container; a cartilage disc within a joint, especially a knee

synonym: cartilage, crescent, curve

(1) medial **meniscus**, (2) **meniscus** surgery

Basketball players risk damaging their **meniscus** more due to the constant jumping and quick movements.

cartilage

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

synonym: 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.

ligament

n. a band of tissue that connects bones or holds organs in place to support and stabilize the body

synonym: band, cord, tendon

(1) a **ligament** in the ankle, (2) cruciate **ligament**

The **ligaments** in the knee provide stability and support.

motto

n. a phrase or slogan that expresses a guiding principle or goal

synonym: slogan, catchphrase, phrase

(1) the **motto** for safe traffic, (2) company **motto**

The company's **motto** is "Innovation and Service," which is reflected in its products and customer support.

orthopedic

adj. relating to the branch of medicine concerned with the correction or prevention of deformities, disorders, or injuries of the skeletal system and associated muscles, joints, and ligaments

synonym: skeletal, musculoskeletal, bone-related

(1) **orthopedic** shoes, (2) **orthopedic** clinic

The athlete visited the **orthopedic** surgeon to have her injured knee examined and treated.

narrator

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

synonym: teller, storyteller

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

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

destine

v. to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome

synonym: ordain, doom, predestine

(1) **destine** us to meet again, (2) be **destined** to become a great artist

Some people believe that we are all **destined** for greatness.

numb

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

synonym: dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

grind

v. to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time

synonym: mill, crush, grate

(1) **grind** away at my work, (2) **grind** your teeth

She had to **grind** the coffee beans before making a fresh cup.

promenade

n. a stroll or walk, often taken in a public place or park; a public place for walking or strolling, often filled with shops or vendors; a dance movement in which the partners move around the floor in a circle or similar pattern

synonym: stroll, walkway, boulevard

(1) evening **promenade**, (2) **promenade** in the park

The boardwalk by the beach was a beautiful **promenade** for tourists and locals alike.

bionic

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

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

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

allograft

n. a surgical tissue graft that involves transplanting tissue from one individual to another, typically from a donor to a recipient who is not genetically identical

synonym: graft, transplant, implant

(1) lung **allograft**, (2) **allograft** rejection

The patient underwent an **allograft** procedure to replace the damaged tissue with donor tissue.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym: brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

pasty

n. a type of baked pastry that typically consists of a filling of meat, vegetables, or other ingredients, enclosed in a pastry shell; (adjective) pale, lacking in color, or dull

synonym : pastry, pie

(1) **pasty** face, (2) Cornish **pasty**

I plan to pick up a chicken **pasty** at that bakery on my way home from work.

graft

n. a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods

synonym : transplant, implantation, bribery

(1) **graft** surgery, (2) anti- **graft** law

The patient's skin **graft** procedure was successful, and he was released from the hospital.

regrow

v. to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation

synonym : regenerate

(1) **regrow** hair, (2) **regrow** vegetation

Lizards can **regrow** their tails if they are cut off.

articular

adj. relating to a joint or joints, often used in medical or anatomical contexts to describe structures or movements associated with joints

synonym : joint, related, connected

(1) **articular** cartilage, (2) **articular** inflammation

The patient had an **articular** fracture in his wrist.

aspen

n. a deciduous tree with smooth, white bark that often trembles or quakes in the wind; a type of skiing that involves quick, short turns on steep slopes

synonym :

tree, hardwood

(1) **aspen** grove, (2) golden **aspen** leaves

The **aspen** trees turned a bright yellow in the fall, creating a beautiful sight.

plentiful

adj. existing or available in a large quantity or abundance; ample or abundant in supply or availability

synonym: abundant, ample, copious

(1) **plentiful** resources, (2) **plentiful** harvest

The supermarket offers a **plentiful** selection of fresh fruits and vegetables.

epitope

n. a specific site or portion of an antigen molecule that is recognized and bound by an antibody or immune receptor

synonym: antigenic determinant, antigenic site

(1) immunodominant **epitope**, (2) **epitope** binding

The vaccine targeted a specific **epitope** on the virus's surface protein.

galactose

n. a simple sugar that is found in milk and dairy products and is an important component of lactose, also used in the production of certain types of biodegradable plastics

synonym: sugar

(1) consumption of **galactose**, (2) **galactose** metabolism

People with **galactose** intolerance must avoid dairy products because their bodies cannot break down this sugar.

tendon

n. a strong, fibrous cord of tissue that connects muscle to bone

synonym: tissue, sinew, ligament

(1) **tendon** grafting, (2) **tendon** collagen

Tendon injuries are common among athletes.

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.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym : demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

detergent

n. a substance used for washing or cleaning, especially one that can remove dirt or stains effectively

synonym : soap, cleanser, disinfectant

(1) **detergent** solution, (2) laundry **detergent**

I use environmentally friendly **detergent** when I wash my clothes and dishes.

regeneration

n. the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit

synonym : renewal, regrowth, restoration

(1) economic **regeneration**, (2) **regeneration** of forests

The **regeneration** of the damaged tissue in the body is a slow process.

humanize

v. to make something or someone more humane or compassionate; to make something more relatable or understandable to humans

synonym : civilize, personalize

(1) **humanize** my pet, (2) **humanize** a room

The charity event aims to **humanize** the homeless rather than treat them as mere statistics.

mast

n. a long pole aboard a boat or ship that holds up the sails

(1) **mast** height, (2) built-up **mast**

The main cabin is located in front of the **mast**.

downhill

adv. in a direction that is downward or from a higher to a lower point; in a progressively worse or deteriorating manner

synonym : downslope

(1) ski **downhill**, (2) walk **downhill** to the beach

The family's finances have been going **downhill** since they lost their main source of income.

revolutionize

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

synonym : transform, innovate, modernize

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

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

tack

n. a method of changing the course of a sailing vessel by turning the bow through the wind so that the wind switches from one side of the vessel to the other; a course of action or strategy, particularly in politics or business; (verb) to fasten or attach something, such as pinning or nailing an object in place

synonym : course, direction, approach

(1) change **tack**, (2) **tack** to the refrigerator door

I need to change the **tack** of the sailboat to avoid hitting the rocks.

resurface

v. to restore or repair the surface of something, particularly a road, pavement, or sports field; to come to the surface

or become visible again after a period of obscurity or concealment

synonym : renew, restore, revamp

(1) **resurface** more than once, (2) **resurface** a tennis court
The city plans to **resurface** the roads downtown to fix potholes and cracks.

ambulate

v. to walk or move about, often used in medical contexts to refer to a patient's ability to move around, especially after surgery or when recovering from an injury

synonym : walk, stroll, wander

(1) **ambulate** without assistance, (2) **ambulate** smoothly
Physical therapy will help him **ambulate** more confidently.

Session 2: Spelling

1. re___w vegetation *v.* to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation

2. 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

3. ski do_____ll *adv.* in a direction that is downward or from a higher to a lower point; in a progressively worse or deteriorating manner

4. re___w hair *v.* to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation

5. pr_____de in the park *n.* a stroll or walk, often taken in a public place or park; a public place for walking or strolling, often filled with shops or vendors; a dance movement in which the partners move around the floor in a circle or similar pattern

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

7. Cornish pa__y *n.* a type of baked pastry that typically consists of a filling of meat, vegetables, or other ingredients, enclosed in a pastry shell; (adjective) pale, lacking in color, or dull

ANSWERS: 1. regrow, 2. collagen, 3. downhill, 4. regrow, 5. promenade, 6. revolutionize, 7. pasty

8. de____e his public image *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
9. hu____ze a room *v.* to make something or someone more humane or compassionate; to make something more relatable or understandable to humans
10. nasal ca_____ge *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
11. te____n grafting *n.* a strong, fibrous cord of tissue that connects muscle to bone
12. lung al_____ft *n.* a surgical tissue graft that involves transplanting tissue from one individual to another, typically from a donor to a recipient who is not genetically identical
13. re_____ce a tennis court *v.* to restore or repair the surface of something, particularly a road, pavement, or sports field; to come to the surface or become visible again after a period of obscurity or concealment
14. de____e us to meet again *v.* to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome

ANSWERS: 8. degrade, 9. humanize, 10. cartilage, 11. tendon, 12. allograft, 13. resurface, 14. destine

15. ort_____ic clinic *adj.* relating to the branch of medicine concerned with the correction or prevention of deformities, disorders, or injuries of the skeletal system and associated muscles, joints, and ligaments
16. first-person na_____or *n.* a person who tells a story, especially in a book or film
17. ar_____ar cartilage *adj.* relating to a joint or joints, often used in medical or anatomical contexts to describe structures or movements associated with joints
18. a li_____nt in the ankle *n.* a band of tissue that connects bones or holds organs in place to support and stabilize the body
19. cruciate li_____nt *n.* a band of tissue that connects bones or holds organs in place to support and stabilize the body
20. de_____e environmental quality *v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
21. walk do_____ll to the beach *adv.* in a direction that is downward or from a higher to a lower point; in a progressively worse or deteriorating manner
22. consumption of ga_____se *n.* a simple sugar that is found in milk and dairy products and is an important component of lactose, also used in the production of certain types of biodegradable plastics

ANSWERS: 15. orthopedic, 16. narrator, 17. articular, 18. ligament, 19. ligament, 20. degrade, 21. downhill, 22. galactose

23. pa__y face *n.* a type of baked pastry that typically consists of a filling of meat, vegetables, or other ingredients, enclosed in a pastry shell; (adjective) pale, lacking in color, or dull
24. gr__d away at my work *v.* to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time
25. t__k to the refrigerator door *n.* a method of changing the course of a sailing vessel by turning the bow through the wind so that the wind switches from one side of the vessel to the other; a course of action or strategy, particularly in politics or business; (verb) to fasten or attach something, such as pinning or nailing an object in place
26. built-up m__t *n.* a long pole aboard a boat or ship that holds up the sails
27. bi___c exoskeleton *adj.* relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original
28. al_____ft rejection *n.* a surgical tissue graft that involves transplanting tissue from one individual to another, typically from a donor to a recipient who is not genetically identical
29. de_____nt solution *n.* a substance used for washing or cleaning, especially one that can remove dirt or stains effectively

ANSWERS: 23. pasty, 24. grind, 25. tack, 26. mast, 27. bionic, 28. allograft, 29. detergent

30. a n__b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
31. pl_____ul harvest *adj.* existing or available in a large quantity or abundance; ample or abundant in supply or availability
32. hu_____ze my pet *v.* to make something or someone more humane or compassionate; to make something more relatable or understandable to humans
33. ar_____ar inflammation *adj.* relating to a joint or joints, often used in medical or anatomical contexts to describe structures or movements associated with joints
34. bi___c technology *adj.* relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original
35. reg_____ion of forests *n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit
36. golden as__n leaves *n.* a deciduous tree with smooth, white bark that often trembles or quakes in the wind; a type of skiing that involves quick, short turns on steep slopes
37. economic reg_____ion *n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit

ANSWERS: 30. numb, 31. plentiful, 32. humanize, 33. articular, 34. bionic, 35. regeneration, 36. aspen, 37. regeneration

38. immunodominant ep_____e *n.* a specific site or portion of an antigen molecule that is recognized and bound by an antibody or immune receptor
39. medial me_____us *n.* a thin, curved layer of liquid, especially the concave surface of a liquid in a container; a cartilage disc within a joint, especially a knee
40. st_____ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way
41. anti-gr__t law *n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods
42. pl_____ul resources *adj.* existing or available in a large quantity or abundance; ample or abundant in supply or availability
43. be de_____ed to become a great
artist *v.* to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome
44. m__t height *n.* a long pole aboard a boat or ship that holds up the sails
45. the na_____or of the TV program *n.* a person who tells a story, especially in a book or film
46. rev_____ize the industry *v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas

ANSWERS: 38. epitope, 39. meniscus, 40. stabilize, 41. graft, 42. plentiful, 43. destine, 44. mast, 45. narrator, 46. revolutionize

47. ep____e binding *n.* a specific site or portion of an antigen molecule that is recognized and bound by an antibody or immune receptor
48. am____te without assistance *v.* to walk or move about, often used in medical contexts to refer to a patient's ability to move around, especially after surgery or when recovering from an injury
49. am____te smoothly *v.* to walk or move about, often used in medical contexts to refer to a patient's ability to move around, especially after surgery or when recovering from an injury
50. gr__t surgery *n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods
51. me____us surgery *n.* a thin, curved layer of liquid, especially the concave surface of a liquid in a container; a cartilage disc within a joint, especially a knee
52. 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

ANSWERS: 47. epitope, 48. ambulate, 49. ambulate, 50. graft, 51. meniscus, 52. collagen

53. ort_____ic shoes *adj.* relating to the branch of medicine concerned with the correction or prevention of deformities, disorders, or injuries of the skeletal system and associated muscles, joints, and ligaments
54. te____n collagen *n.* a strong, fibrous cord of tissue that connects muscle to bone
55. change t__k *n.* a method of changing the course of a sailing vessel by turning the bow through the wind so that the wind switches from one side of the vessel to the other; a course of action or strategy, particularly in politics or business; (verb) to fasten or attach something, such as pinning or nailing an object in place
56. ga_____se metabolism *n.* a simple sugar that is found in milk and dairy products and is an important component of lactose, also used in the production of certain types of biodegradable plastics
57. evening pr_____de *n.* a stroll or walk, often taken in a public place or park; a public place for walking or strolling, often filled with shops or vendors; a dance movement in which the partners move around the floor in a circle or similar pattern
58. laundry de_____nt *n.* a substance used for washing or cleaning, especially one that can remove dirt or stains effectively

ANSWERS: 53. orthopedic, 54. tendon, 55. tack, 56. galactose, 57. promenade, 58. detergent

59. n__b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
60. re_____ce more than once *v.* to restore or repair the surface of something, particularly a road, pavement, or sports field; to come to the surface or become visible again after a period of obscurity or concealment
61. gr__d your teeth *v.* to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time
62. company mo__o *n.* a phrase or slogan that expresses a guiding principle or goal
63. st_____ze prices *v.* to become or cause to become steady or unlikely to give way
64. ca_____ge 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
65. as__n grove *n.* a deciduous tree with smooth, white bark that often trembles or quakes in the wind; a type of skiing that involves quick, short turns on steep slopes
66. the mo__o for safe traffic *n.* a phrase or slogan that expresses a guiding principle or goal

ANSWERS: 59. numb, 60. resurface, 61. grind, 62. motto, 63. stabilize, 64. cartilage, 65. aspen, 66. motto

Session 3: Fill in the Blanks

1. The family's finances have been going _____ since they lost their main source of income.
adv. in a direction that is downward or from a higher to a lower point; in a progressively worse or deteriorating manner
2. The athlete visited the _____ surgeon to have her injured knee examined and treated.
adj. relating to the branch of medicine concerned with the correction or prevention of deformities, disorders, or injuries of the skeletal system and associated muscles, joints, and ligaments
3. The _____ in the knee provide stability and support.
n. a band of tissue that connects bones or holds organs in place to support and stabilize the body
4. People with _____ intolerance must avoid dairy products because their bodies cannot break down this sugar.
n. a simple sugar that is found in milk and dairy products and is an important component of lactose, also used in the production of certain types of biodegradable plastics
5. The _____ trees turned a bright yellow in the fall, creating a beautiful sight.
n. a deciduous tree with smooth, white bark that often trembles or quakes in the wind; a type of skiing that involves quick, short turns on steep slopes
6. The patient had an _____ fracture in his wrist.
adj. relating to a joint or joints, often used in medical or anatomical contexts to describe structures or movements associated with joints

ANSWERS: 1. downhill, 2. orthopedic, 3. ligaments, 4. galactose, 5. aspen, 6. articular

7. Basketball players risk damaging their _____ more due to the constant jumping and quick movements.
- n.* a thin, curved layer of liquid, especially the concave surface of a liquid in a container; a cartilage disc within a joint, especially a knee
8. The city plans to _____ the roads downtown to fix potholes and cracks.
- v.* to restore or repair the surface of something, particularly a road, pavement, or sports field; to come to the surface or become visible again after a period of obscurity or concealment
9. _____ injuries are common among athletes.
- n.* a strong, fibrous cord of tissue that connects muscle to bone
10. Physical therapy will help him _____ more confidently.
- v.* to walk or move about, often used in medical contexts to refer to a patient's ability to move around, especially after surgery or when recovering from an injury
11. Lizards can _____ their tails if they are cut off.
- v.* to grow back or regenerate after being cut or removed, such as cells or tissues in the body, or plants and vegetation
12. The boardwalk by the beach was a beautiful _____ for tourists and locals alike.
- n.* a stroll or walk, often taken in a public place or park; a public place for walking or strolling, often filled with shops or vendors; a dance movement in which the partners move around the floor in a circle or similar pattern
13. My left arm became _____.
- adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity

ANSWERS: 7. meniscus, 8. resurface, 9. Tendon, 10. ambulate, 11. regrow, 12. promenade, 13. numb

14. The patient's skin _____ procedure was successful, and he was released from the hospital.
- n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods
15. The supermarket offers a _____ selection of fresh fruits and vegetables.
- adj.* existing or available in a large quantity or abundance; ample or abundant in supply or availability
16. The vaccine targeted a specific _____ on the virus's surface protein.
- n.* a specific site or portion of an antigen molecule that is recognized and bound by an antibody or immune receptor
17. She had to _____ the coffee beans before making a fresh cup.
- v.* to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time
18. Some people believe that we are all _____ for greatness.
- v.* to determine or set the course of something in advance, often in a way that seems predetermined or inevitable; to specify or choose someone or something for a particular fate or outcome
19. 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

ANSWERS: 14. graft, 15. plentiful, 16. epitope, 17. grind, 18. destined, 19. collagen

20. The _____ makes use of the local dialect.
- n.* a person who tells a story, especially in a book or film
21. The company's _____ is "Innovation and Service," which is reflected in its products and customer support.
- n.* a phrase or slogan that expresses a guiding principle or goal
22. You should not _____ yourself by allowing them to use you.
- v.* to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
23. The _____ of the damaged tissue in the body is a slow process.
- n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit
24. The patient underwent an _____ procedure to replace the damaged tissue with donor tissue.
- n.* a surgical tissue graft that involves transplanting tissue from one individual to another, typically from a donor to a recipient who is not genetically identical
25. The invention of the smartphone _____ the way we communicate with each other.
- v.* to bring about a complete or radical change in something, often through the introduction of new methods or ideas
26. The main cabin is located in front of the _____.
- n.* a long pole aboard a boat or ship that holds up the sails

ANSWERS: 20. narrator, 21. motto, 22. degrade, 23. regeneration, 24. allograft, 25. revolutionized, 26. mast

27. 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
28. The raising of interest rates _____ the inflation rate.
- v.* to become or cause to become steady or unlikely to give way
29. The charity event aims to _____ the homeless rather than treat them as mere statistics.
- v.* to make something or someone more humane or compassionate; to make something more relatable or understandable to humans
30. The soldier was fitted with a _____ arm after losing him in combat.
- adj.* relating to or using technology or devices that enhance or replace biological functions, typically in a way that mimics or improves upon the original
31. I need to change the _____ of the sailboat to avoid hitting the rocks.
- n.* a method of changing the course of a sailing vessel by turning the bow through the wind so that the wind switches from one side of the vessel to the other; a course of action or strategy, particularly in politics or business; (verb) to fasten or attach something, such as pinning or nailing an object in place
32. I use environmentally friendly _____ when I wash my clothes and dishes.
- n.* a substance used for washing or cleaning, especially one that can remove dirt or stains effectively
33. I plan to pick up a chicken _____ at that bakery on my way home from work.
- n.* a type of baked pastry that typically consists of a filling of meat, vegetables, or other ingredients, enclosed in a pastry shell; (adjective) pale, lacking in color, or dull

ANSWERS: 27. cartilage, 28. stabilizes, 29. humanize, 30. bionic, 31. tack, 32. detergent, 33. pasty

ANSWERS: