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Vocabulary Builder Reference from...

James Beacham: How we explore unanswered questions in physics | TED Talk

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

Advanced Words Only

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Session 1: Word List

fiddle

v. to continuously touch or manipulate something with someone's hands, mainly when bored or nervous; to act dishonestly to try to get money, information, etc., or gain an advantage

synonym : tinker, diddle, play

(1) **fiddle** with a PC, (2) **fiddle** away the whole afternoon

She was able to **fiddle** a free trip to the United States.

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**.

skeptical

adj. doubting that something is accurate or useful

synonym : doubtful, distrustful, suspicious

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

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

unsatisfying

adj. not fulfilling someone's desires, expectations, or needs; incomplete or inadequate.

synonym : disappointing, dissatisfying, subpar

(1) **unsatisfying** labor, (2) **unsatisfying** reality

The meal was **unsatisfying** and left her feeling hungry an hour later.

smack

v. to hit something or someone with force, often making a loud noise; to deliver a sharp criticism or rebuke

synonym: hit, slap, strike

(1) **smack** on the lips, (2) **smack** his knee

The baseball player **smacked** the ball out of the park, securing a home run.

inkling

n. a slight or vague understanding or idea of something; a hint or intimation of something, often something that is not fully understood or realized

synonym: hint, suggestion, clue

(1) first **inkling**, (2) **inkling** of hope

The news gave us an **inkling** of what was going on in the world.

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

collide

v. to hit something violently when moving

synonym: clash, slam, contradict

(1) **collide** head-on, (2) **collide** in midair

The interests of the two countries **collide**.

bury

v. to place a dead body in the ground, grave, or tomb

synonym: entomb, sink, forget

(1) **bury** in the earth, (2) **bury** emotion

There is plenty of space to **bury** everyone.

proton

n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

(1) **proton** decay, (2) **proton** conductivity

The solar wind is composed almost entirely of electrons and **protons**.

slam

v. to shut a door or window noisily; to strike something violently or noisily

synonym: bang, crash, shut

(1) **slam** the door, (2) **slam** the book against a wall

She **slammed** the door shut, angry at the person on the other side.

undiscovered

adj. not yet found or known

synonym: unknown, hidden, unexplored

(1) **undiscovered** territory, (2) **undiscovered** potential

The jungle is full of **undiscovered** species waiting to be found.

tirelessly

adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort

synonym: inexhaustibly, indefatigably, unceasingly

(1) dedicated **tirelessly**, (2) **tirelessly** help out

She worked **tirelessly** for hours to finish her project on time.

quadrillion

n. a number equivalent to a thousand raised to the power of five, or 10 to the 15th power; colloquially used to indicate an extremely large or theoretical number

synonym: one thousand million million million

(1) **quadrillion** atoms, (2) **quadrillion** dollars

The energy output of the sun is measured in **quadrillions** of watts.

deviate

v. to depart from an established course or plan; to change direction or take a different route or approach

synonym: stray, diverge, veer

(1) **deviate** from the norm, (2) **deviate** from the plan

It's important not to **deviate** from the established safety

procedures.

boson

n. a type of subatomic particle that follows Bose-Einstein statistics, which determine how identical particles with integer spins behave

synonym : photon, gluon, particle

(1) weak **boson**, (2) Higgs **boson**

The search for new **boson** particles is one of the most exciting areas of modern physics.

fingernail

n. the hard, slightly curved part that covers the outer tip of each finger

synonym : claw, paw

(1) **fingernail** biting, (2) fake **fingernail**

The car body scraped off with a **fingernail**.

applause

n. a demonstration of approval or praise by clapping the hands together

synonym : clapping, cheering, acclaim

(1) round of **applause**, (2) earn **applause**

The **applause** burst from the audience.

eyebrow

n. the hair arc over each eye in humans

synonym : brow, supercilium

(1) raise her **eyebrows**, (2) **eyebrow** cosmetics

She raised an inquiring **eyebrow** towards me.

poke

v. to push or prod with a sharp object or the finger

synonym : prod, jab, push

(1) **poke** around the desk, (2) **poke** a fire

They **poked** fun at each other's jokes, laughing and teasing.

prod

v. to poke or jab with a pointed object, often to urge or encourage movement or action; to provoke or stimulate someone to take action or respond in a particular way

synonym : poke, jab, nudge

(1) **prod** him into action, (2) **prod** him with a stick

She used a stick to **prod** the fire and make it burn brighter.

ruthless

adj. lacking in pity or compassion; willing to do whatever it takes to achieve their goals, regardless of the consequences for others

synonym: heartless, pitiless, merciless

(1) show **ruthless** behavior, (2) **ruthless** brutality

The dictator was known for his **ruthless** tactics and had no qualms about using violence to maintain power.

feverish

adj. having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy

synonym: heated, hot, agitated

(1) feel **feverish**, (2) at a **feverish** pitch

She had a **feverish** look in her eyes as she struggled with illness.

explode

v. to burst or break open violently and noisily; to cause something to burst or break open

synonym: detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

mythical

adj. based on or related to myths, legends, or folklore; existing only in tales or in the imagination

synonym: mythological, fictitious, legendary

(1) **mythical** heroes, (2) **mythical** world

Many cultures have their **mythical** creatures and legends.

excitation

n. the state of being excited or stimulated; the process of producing an excited or stimulated state in something

synonym: stimulation, arousal, provocation

(1) the crowd's **excitation**, (2) neuronal **excitation**

The **excitation** energy of the electron determines the wavelength of light emitted during fluorescence.

wobble

v. to move or shake unsteadily from side to side or up and down

synonym: sway, rock, totter

(1) **wobble** a few steps, (2) **wobble** chair

The table **wobbled** a little when I put my drink on it.

graviton

n. a hypothetical elementary particle in theoretical physics that is believed to mediate the force of gravity

(1) **graviton** particle, (2) detect **gravitons**

Quantum physicists are studying the hypothetical interactions of **gravitons** with other particles.

reverb

n. an audio effect that produces a sound that is reflected off surfaces in an enclosed space, creating a sense of space or ambiance; the natural echoing or reverberation of sound in a large or open space

synonym: echo, sound reflection

(1) **reverb** effect, (2) **reverb** chamber

The singer's voice had a natural **reverb** that sounded beautiful in the acoustically-designed church.

spit

v. to eject saliva or other liquid from the mouth

synonym: expectorate, saliva, spew

(1) **spit** a bullet, (2) **spit** a mouthful of saliva

She tried to **spit** out the gum that she had been chewing.

sham

n. something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not

synonym: bogus, counterfeit, fraudulent

(1) a **sham** battle, (2) turn out to be all **sham**

The data he prepared was completely **sham**.

cartographer

v. a person who creates or produces maps, typically by gathering or analyzing geographic data and using specialized software or tools

synonym: mapmaker

(1) expert **cartographer**, (2) **cartographer's** tool

A **cartographer's** job requires a strong eye for detail and a deep understanding of geographic principles.

sift

v. to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles

synonym: filter, go through, sieve

(1) **sift** the candidates, (2) **sift** sand

The search engine helps **sift** information.

peek

n. a quick or furtive look; (verb) to take a quick and secret look at something

synonym: glimpse, look, glance

(1) sneak **peek**, (2) **peek** at others' misfortune

She took a quick **peek** inside the box before closing it again.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym: revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

rethink

v. to consider again a plan, idea, etc., especially to change it

synonym: reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager

We have to **rethink** our company's product lineup for further growth.

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.

unanswered

adj. not responded to or explained

synonym: ignored, unrequited, undecided

(1) **unanswered** love, (2) **unanswered** e-mail

Pardon me for leaving some of your questions **unanswered**.

foresee

v. to perceive or predict; to anticipate or expect something to happen in the future

synonym: predict, anticipate, forecast

(1) **foresee** the consequences, (2) **foresee** challenges

I **foresee** a problem arising if we don't address this issue now.

determinant

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

synonym: cause, factor, element

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

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

Session 2: Spelling

- | | |
|--------------------------------|--|
| 1. ey____w cosmetics | <i>n.</i> the hair arc over each eye in humans |
| 2. turn out to be all s__m | <i>n.</i> something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not |
| 3. the crowd's exc_____on | <i>n.</i> the state of being excited or stimulated; the process of producing an excited or stimulated state in something |
| 4. fake fin_____il | <i>n.</i> the hard, slightly curved part that covers the outer tip of each finger |
| 5. re___b effect | <i>n.</i> an audio effect that produces a sound that is reflected off surfaces in an enclosed space, creating a sense of space or ambiance; the natural echoing or reverberation of sound in a large or open space |
| 6. s__t a bullet | <i>v.</i> to eject saliva or other liquid from the mouth |
| 7. co_____e head-on | <i>v.</i> to hit something violently when moving |
| 8. wo___e chair | <i>v.</i> to move or shake unsteadily from side to side or up and down |
| 9. a det_____nt of crop yields | <i>n.</i> a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result |
| 10. qua_____on atoms | <i>n.</i> a number equivalent to a thousand raised to the power of five, or 10 to the 15th power; colloquially used to indicate an extremely large or theoretical number |

ANSWERS: 1. eyebrow, 2. sham, 3. excitation, 4. fingernail, 5. reverb, 6. spit, 7. collide, 8. wobble, 9. determinant, 10. quadrillion

11. weak bo__n *n.* a type of subatomic particle that follows Bose-Einstein statistics, which determine how identical particles with integer spins behave
12. una_____ed e-mail *adj.* not responded to or explained
13. re_____k a marketing plan *v.* to consider again a plan, idea, etc., especially to change it
14. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
15. gr_____on particle *n.* a hypothetical elementary particle in theoretical physics that is believed to mediate the force of gravity
16. expert car_____her *v.* a person who creates or produces maps, typically by gathering or analyzing geographic data and using specialized software or tools
17. 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
18. earn ap_____se *n.* a demonstration of approval or praise by clapping the hands together
19. car_____her's tool *v.* a person who creates or produces maps, typically by gathering or analyzing geographic data and using specialized software or tools

ANSWERS: 11. boson, 12. unanswered, 13. rethink, 14. rev, 15. graviton, 16. cartographer, 17. destine, 18. applause, 19. cartographer

20. dedicated tir_____ly *adv.* without getting tired or fatigued; persistently, energetically, and continuously working with great effort
21. pr___n decay *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
22. a ma___l of beauty *n.* someone something that causes feelings of wonder or surprise
23. p__d him into action *v.* to poke or jab with a pointed object, often to urge or encourage movement or action; to provoke or stimulate someone to take action or respond in a particular way
24. Higgs bo__n *n.* a type of subatomic particle that follows Bose-Einstein statistics, which determine how identical particles with integer spins behave
25. s__t the candidates *v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles
26. in_____g of hope *n.* a slight or vague understanding or idea of something; a hint or intimation of something, often something that is not fully understood or realized
27. fin_____il biting *n.* the hard, slightly curved part that covers the outer tip of each finger
28. my_____al world *adj.* based on or related to myths, legends, or folklore; existing only in tales or in the imagination

ANSWERS: 20. tirelessly, 21. proton, 22. marvel, 23. prod, 24. boson, 25. sift, 26. inkling, 27. fingernail, 28. mythical

29. at a fe____sh pitch *adj.* having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy
30. re____k the role of the manager *v.* to consider again a plan, idea, etc., especially to change it
31. a s__m battle *n.* something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not
32. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
33. first in____g *n.* a slight or vague understanding or idea of something; a hint or intimation of something, often something that is not fully understood or realized
34. s__m the door *v.* to shut a door or window noisily; to strike something violently or noisily
35. feel fe____sh *adj.* having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy
36. b__y in the earth *v.* to place a dead body in the ground, grave, or tomb
37. fo____e the consequences *v.* to perceive or predict; to anticipate or expect something to happen in the future

ANSWERS: 29. feverish, 30. rethink, 31. sham, 32. rev, 33. inkling, 34. slam, 35. feverish, 36. bury, 37. foresee

38. p__e around the desk *v.* to push or prod with a sharp object or the finger
39. technical ma___l *n.* someone something that causes feelings of wonder or surprise
40. pr___n conductivity *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
41. s__t a mouthful of saliva *v.* to eject saliva or other liquid from the mouth
42. my_____al heroes *adj.* based on or related to myths, legends, or folklore; existing only in tales or in the imagination
43. ru_____ss brutality *adj.* lacking in pity or compassion; willing to do whatever it takes to achieve their goals, regardless of the consequences for others
44. sm__k his knee *v.* to hit something or someone with force, often making a loud noise; to deliver a sharp criticism or rebuke
45. wo___e a few steps *v.* to move or shake unsteadily from side to side or up and down
46. p__e a fire *v.* to push or prod with a sharp object or the finger
47. detect gr_____ons *n.* a hypothetical elementary particle in theoretical physics that is believed to mediate the force of gravity
48. sm__k on the lips *v.* to hit something or someone with force, often making a loud noise; to deliver a sharp criticism or rebuke

ANSWERS: 38. poke, 39. marvel, 40. proton, 41. spit, 42. mythical, 43. ruthless, 44. smack, 45. wobble, 46. poke, 47. graviton, 48. smack

49. co_____e in midair *v.* to hit something violently when moving
50. theoretical ph_____st *n.* a scientist who specializes in the field of physics
51. fo_____e challenges *v.* to perceive or predict; to anticipate or expect something to happen in the future
52. round of ap_____se *n.* a demonstration of approval or praise by clapping the hands together
53. s__m the book against a wall *v.* to shut a door or window noisily; to strike something violently or noisily
54. uns_____ing reality *adj.* not fulfilling someone's desires, expectations, or needs; incomplete or inadequate.
55. una_____ed love *adj.* not responded to or explained
56. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
57. b__y emotion *v.* to place a dead body in the ground, grave, or tomb
58. qua_____on dollars *n.* a number equivalent to a thousand raised to the power of five, or 10 to the 15th power; colloquially used to indicate an extremely large or theoretical number
59. raise her ey_____ws *n.* the hair arc over each eye in humans
60. de_____e from the norm *v.* to depart from an established course or plan; to change direction or take a different route or approach

ANSWERS: 49. collide, 50. physicist, 51. foresee, 52. applause, 53. slam, 54. unsatisfying, 55. unanswered, 56. determinant, 57. bury, 58. quadrillion, 59. eyebrow, 60. deviate

61. ex_____e in anger *v.* to burst or break open violently and noisily; to cause something to burst or break open
62. ex_____e in popularity *v.* to burst or break open violently and noisily; to cause something to burst or break open
63. uns_____ing labor *adj.* not fulfilling someone's desires, expectations, or needs; incomplete or inadequate.
64. p__k at others' misfortune *n.* a quick or furtive look; (verb) to take a quick and secret look at something
65. und_____red territory *adj.* not yet found or known
66. fi___e away the whole afternoon *v.* to continuously touch or manipulate something with someone's hands, mainly when bored or nervous; to act dishonestly to try to get money, information, etc., or gain an advantage
67. talented ph_____st *n.* a scientist who specializes in the field of physics
68. tir_____ly help out *adv.* without getting tired or fatigued; persistently, energetically, and continuously working with great effort
69. show ru_____ss behavior *adj.* lacking in pity or compassion; willing to do whatever it takes to achieve their goals, regardless of the consequences for others
70. a sk_____al attitude *adj.* doubting that something is accurate or useful
71. re___b chamber *n.* an audio effect that produces a sound that is reflected off surfaces in an enclosed space, creating a sense of space or ambiance; the natural echoing or reverberation of sound in a large or open space

ANSWERS: 61. explode, 62. explode, 63. unsatisfying, 64. peek, 65. undiscovered, 66. fiddle, 67. physicist, 68. tirelessly, 69. ruthless, 70. skeptical, 71. reverb

ANSWERS:

Session 3: Fill in the Blanks

1. Quantum physicists are studying the hypothetical interactions of _____ with other particles.
 - n.* a hypothetical elementary particle in theoretical physics that is believed to mediate the force of gravity
2. The _____ burst from the audience.
 - n.* a demonstration of approval or praise by clapping the hands together
3. He stepped on the gas pedal, and the engine released a loud _____.
 - n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
4. They _____ fun at each other's jokes, laughing and teasing.
 - v.* to push or prod with a sharp object or the finger
5. It's important not to _____ from the established safety procedures.
 - v.* to depart from an established course or plan; to change direction or take a different route or approach
6. She used a stick to _____ the fire and make it burn brighter.
 - v.* to poke or jab with a pointed object, often to urge or encourage movement or action; to provoke or stimulate someone to take action or respond in a particular way
7. The meal was _____ and left her feeling hungry an hour later.
 - adj.* not fulfilling someone's desires, expectations, or needs; incomplete or inadequate.

ANSWERS: 1. gravitons, 2. applause, 3. rev, 4. poked, 5. deviate, 6. prod, 7. unsatisfying

8. The baseball player _____ the ball out of the park, securing a home run.
v. to hit something or someone with force, often making a loud noise; to deliver a sharp criticism or rebuke
9. She tried to _____ out the gum that she had been chewing.
v. to eject saliva or other liquid from the mouth
10. The energy output of the sun is measured in _____ of watts.
n. a number equivalent to a thousand raised to the power of five, or 10 to the 15th power; colloquially used to indicate an extremely large or theoretical number
11. She was able to _____ a free trip to the United States.
v. to continuously touch or manipulate something with someone's hands, mainly when bored or nervous; to act dishonestly to try to get money, information, etc., or gain an advantage
12. His religious and philosophical beliefs were utterly _____.
adj. doubting that something is accurate or useful
13. She took a quick _____ inside the box before closing it again.
n. a quick or furtive look; (verb) to take a quick and secret look at something
14. Einstein was an outstanding and famous _____ of the 20th century.
n. a scientist who specializes in the field of physics
15. She raised an inquiring _____ towards me.
n. the hair arc over each eye in humans
16. The dictator was known for his _____ tactics and had no qualms about using violence to maintain power.
adj. lacking in pity or compassion; willing to do whatever it takes to achieve their goals, regardless of the consequences for others

ANSWERS: 8. smacked, 9. spit, 10. quadrillions, 11. fiddle, 12. skeptical, 13. peek, 14. physicist, 15. eyebrow, 16. ruthless

17. The search engine helps _____ information.

- v.* to put flour, sugar, etc. through a sieve (= a utensil consisting of a wire or plastic mesh in a frame) to remove lumps or large particles

18. 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

19. She _____ the door shut, angry at the person on the other side.

- v.* to shut a door or window noisily; to strike something violently or noisily

20. She had a _____ look in her eyes as she struggled with illness.

- adj.* having or showing symptoms of a high temperature, such as sweating and shivering; characterized by or showing strong feelings of excitement or energy

21. A _____ job requires a strong eye for detail and a deep understanding of geographic principles.

- v.* a person who creates or produces maps, typically by gathering or analyzing geographic data and using specialized software or tools

22. The search for new _____ particles is one of the most exciting areas of modern physics.

- n.* a type of subatomic particle that follows Bose-Einstein statistics, which determine how identical particles with integer spins behave

23. The old building _____ in a fiery inferno.

- v.* to burst or break open violently and noisily; to cause something to burst or break open

ANSWERS: 17. sift, 18. determinant, 19. slammed, 20. feverish, 21. cartographer's, 22. boson, 23. exploded

24. We have to _____ our company's product lineup for further growth.

v. to consider again a plan, idea, etc., especially to change it

25. I _____ a problem arising if we don't address this issue now.

v. to perceive or predict; to anticipate or expect something to happen in the future

26. Pardon me for leaving some of your questions _____.

adj. not responded to or explained

27. The _____ energy of the electron determines the wavelength of light emitted during fluorescence.

n. the state of being excited or stimulated; the process of producing an excited or stimulated state in something

28. She worked _____ for hours to finish her project on time.

adv. without getting tired or fatigued; persistently, energetically, and continuously working with great effort

29. 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

30. Many cultures have their _____ creatures and legends.

adj. based on or related to myths, legends, or folklore; existing only in tales or in the imagination

31. The table _____ a little when I put my drink on it.

v. to move or shake unsteadily from side to side or up and down

ANSWERS: 24. rethink, 25. foresee, 26. unanswered, 27. excitation, 28. tirelessly, 29. destined, 30. mythical, 31. wobbled

32. The data he prepared was completely _____.
- n.* something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not
33. The car body scraped off with a _____.
- n.* the hard, slightly curved part that covers the outer tip of each finger
34. The news gave us an _____ of what was going on in the world.
- n.* a slight or vague understanding or idea of something; a hint or intimation of something, often something that is not fully understood or realized
35. There is plenty of space to _____ everyone.
- v.* to place a dead body in the ground, grave, or tomb
36. The solar wind is composed almost entirely of electrons and _____.
- n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
37. The singer's voice had a natural _____ that sounded beautiful in the acoustically-designed church.
- n.* an audio effect that produces a sound that is reflected off surfaces in an enclosed space, creating a sense of space or ambiance; the natural echoing or reverberation of sound in a large or open space
38. The interests of the two countries _____.
- v.* to hit something violently when moving
39. The jungle is full of _____ species waiting to be found.
- adj.* not yet found or known

ANSWERS: 32. sham, 33. fingernail, 34. inkling, 35. bury, 36. protons, 37. reverb, 38. collide, 39. undiscovered

40. The space shuttle is a modern engineering _____.

n. someone something that causes feelings of wonder or surprise

ANSWERS: 40. marvel