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Antony Gormley: Sculpted space, within and without | TED Talk

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

Advanced Words Only

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Session 1: Word List

sculptor

n. an artist who creates sculptures, three-dimensional objects, or forms

synonym: carver, modeler, artist

(1) **sculptor** studio, (2) renowned **sculptor**

The famous **sculptor** used various tools to carve the marble into the desired shape.

mummy

n. a body of a human or animal that has been preserved, typically by being embalmed and wrapped in linen or other material

synonym: corpse, remains

(1) **mummy** tomb, (2) ancient Egyptian **mummy**

The well-preserved **mummy** was discovered in an ancient tomb in the desert.

claustrophobia

n. a persistent and intense fear of enclosed or small spaces

(1) overcome **claustrophobia**,

(2) **claustrophobia-inducing**

She suffered from **claustrophobia** and couldn't take elevators.

immobility

n. the state of being unable to move; the quality of being unable to be moved or changed easily

synonym: inactivity, stillness, paralysis

(1) emotional **immobility**, (2) the **immobility** of a rock

The airplane crash resulted in the **immobility** of several passengers due to their injuries.

freaky

adj. strange or unusual in a way that is frightening or unsettling

synonym: weird, strange, unusual

(1) **freaky** accident, (2) **freaky-deaky**

The **freaky** clown at the haunted house scared the children.

limitless

adj. without end, limit, or boundary; infinite

synonym: boundless, infinite, unrestricted

(1) for a **limitless** time, (2) **limitless** potential

The possibilities for scientific discovery are **limitless**.

paradox

n. a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

synonym: incongruity, dichotomy, contradiction

(1) French **paradox**, (2) the **paradox** of the heap

There are many theories to explain this **paradox**.

rearrange

v. to change the order or position of things already made; to change the time, date, or place of an event already planned

synonym: readjust, reorganize, reconstruct

(1) **rearrange** the furniture, (2) **rearrange** his schedule

Please **rearrange** these files as we start a new project tomorrow.

fuss

n. a state of agitation or excitement; an angry disturbance

synonym: commotion, agitation, disturbance

(1) make a **fuss**, (2) get into a **fuss**

There was a **fuss** about the broken vase, but it was quickly forgotten.

mold

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

synonym: cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

evidential

adj. providing or related to facts

synonym: indicative, evidentiary

(1) **evidential** hearing, (2) **evidential** fact

All juries should have a copy of the **evidential** data.

neutrino

n. a very small and electrically neutral particle with a very small mass that rarely reacts with other matter

(1) **neutrino** capture, (2) sterile **neutrinos**

This laboratory has a pool consisting of thousands of **neutrino** detectors.

reflex

n. an automatic and unthinking response to a particular stimulus; a physical reaction to external stimuli

synonym: reaction, response, instinct

(1) **reflex** test, (2) knee **reflex**

My leg kicked involuntarily when the doctor tapped my knee with the **reflex** hammer.

entropy

n. a scientific concept that is most commonly associated with a state of disorder, randomness, or uncertainty

synonym: randomness

(1) **entropy** calculation, (2) **entropy** conservation

Since the second law of thermodynamics is applicable to the universe, the **entropy** of the universe continues to increase.

empathy

n. the ability to share another person's feelings or experiences by imagining that person's situation

synonym: compassion, sympathy, tenderness

(1) full of **empathy**, (2) **empathy** for patients

Empathy is also necessary to understand history.

firsthand

adv. from the source; directly; (adjective) received directly from a source

synonym: direct

(1) hear customer's voices **firsthand**, (2) conduct **firsthand** research

The manager tried to hear customers' voices **firsthand**.

surrogate

adj. acting as a substitute or replacement for someone or something else; having a similar function or purpose

synonym: substitute, replacement, deputy

(1) **surrogate** pregnancy, (2) **surrogate** decision

The **surrogate** mother gave birth to a healthy baby for the couple who couldn't conceive independently.

supplant

v. to replace or take the place of something or someone, often by force or through strategic maneuvering; to make obsolete or obsolete by introducing a superior or more advanced alternative

synonym: replace, supersede, displace

(1) **supplant** traditional methods, (2) **supplant** current technology

The young startup aims to **supplant** the established players in the industry through innovation.

bunker

n. a concrete shelter or underground room, typically for storing ammunition or protecting people from enemy fire; a hazard on a golf course; a large container for storing fuel

synonym: shelter, fortification, defense

(1) coal **bunker**, (2) **bunker** facility

The soldiers took cover in the dug-out **bunker** during the

bombing.

crouch

v. to put your body close to the ground, especially as a way of avoiding being seen

synonym : bend down, squat, stoop

(1) **crouch** into a ball, (2) **crouch** around a fire

He **crouched** down behind the bushes to avoid being seen.

idiom

n. a group of words that have a different meaning when used together than the literal meanings of each individual word; a phrase or expression that has a figurative or cultural meaning understood by native speakers of a language

synonym : expression, phrase, saying

(1) common **idiom**, (2) **idiom** dictionary

The **idiom** usage in his novel paints a vivid picture of life in the Southern United States.

systolic

adj. relating to or denoting the highest pressure in the arteries during contraction of the heart, typically occurring during the heartbeat cycle

synonym : contractile, pulsatile, beating

(1) **systolic** heart failure, (2) **systolic** dysfunction

Her **systolic** blood pressure was high, indicating potential heart problems.

diastolic

adj. relating to the portion of the cardiac cycle when the heart's ventricles are relaxed and filling with blood, typically characterized by lower blood pressure readings

synonym : relaxed, resting, calm

(1) **diastolic** heart failure, (2) **diastolic** dysfunction

His **diastolic** blood pressure was higher than normal, indicating potential cardiovascular problems.

somatic

adj. relating to the body, especially as distinct from the mind or spirit; pertaining to the physical aspects of an organism or its functions

synonym :

bodily, physical, corporeal

(1) **somatic** cell, (2) **somatic** symptoms

The **somatic** sensations in my body increased as I stepped into the hot bath.

interconnect

v. to connect similar things

synonym: interlink, complect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

confer

v. to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something

synonym: consult, meet, discuss

(1) **confer** degree, (2) **confer** honor

The leaders of the two countries met to **confer** on the issue.

obligatory

adj. required by a rule, law, or social convention; compulsory

synonym: mandatory, required, compulsory

(1) **obligatory** audit, (2) an **obligatory** subject

Attending the meeting was **obligatory** for all employees.

disembodied

adj. without a physical body; not having a material form

synonym: bodiless, insubstantial, ghostly

(1) a **disembodied** spirit, (2) **disembodied** feeling

The ghost's **disembodied** voice whispered in the darkness.

Session 2: Spelling

1. su_____te pregnancy *adj.* acting as a substitute or replacement for someone or something else; having a similar function or purpose
2. coal bu____r *n.* a concrete shelter or underground room, typically for storing ammunition or protecting people from enemy fire; a hazard on a golf course; a large container for storing fuel
3. en_____y calculation *n.* a scientific concept that is most commonly associated with a state of disorder, randomness, or uncertainty
4. id__m dictionary *n.* a group of words that have a different meaning when used together than the literal meanings of each individual word; a phrase or expression that has a figurative or cultural meaning understood by native speakers of a language
5. ne_____no capture *n.* a very small and electrically neutral particle with a very small mass that rarely reacts with other matter
6. an obl_____ry subject *adj.* required by a rule, law, or social convention; compulsory
7. em_____y for patients *n.* the ability to share another person's feelings or experiences by imagining that person's situation
8. directly int_____ect with those systems *v.* to connect similar things

ANSWERS: 1. surrogate, 2. bunker, 3. entropy, 4. idiom, 5. neutrino, 6. obligatory, 7. empathy, 8. interconnect

9. evi_____al fact *adj.* providing or related to facts
10. sc_____or studio *n.* an artist who creates sculptures, three-dimensional objects, or forms
11. the imm_____ty of a rock *n.* the state of being unable to move; the quality of being unable to be moved or changed easily
12. get into a f__s *n.* a state of agitation or excitement; an angry disturbance
13. a casting m__d *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
14. su_____te decision *adj.* acting as a substitute or replacement for someone or something else; having a similar function or purpose
15. evi_____al hearing *adj.* providing or related to facts
16. ancient Egyptian mu__y *n.* a body of a human or animal that has been preserved, typically by being embalmed and wrapped in linen or other material
17. su_____nt traditional methods *v.* to replace or take the place of something or someone, often by force or through strategic maneuvering; to make obsolete or obsolete by introducing a superior or more advanced alternative

ANSWERS: 9. evidential, 10. sculptor, 11. immobility, 12. fuss, 13. mold, 14. surrogate, 15. evidential, 16. mummy, 17. supplant

18. re_____ge his schedule *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
19. m__d allergy *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
20. a dis_____ed spirit *adj.* without a physical body; not having a material form
21. make a f__s *n.* a state of agitation or excitement; an angry disturbance
22. re_____ge the furniture *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
23. fr___y-deaky *adj.* strange or unusual in a way that is frightening or unsettling
24. en_____y conservation *n.* a scientific concept that is most commonly associated with a state of disorder, randomness, or uncertainty
25. renowned sc_____or *n.* an artist who creates sculptures, three-dimensional objects, or forms
26. human activities int_____ect with the environment *v.* to connect similar things
27. French pa_____x *n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

ANSWERS: 18. rearrange, 19. mold, 20. disembodied, 21. fuss, 22. rearrange, 23. freaky, 24. entropy, 25. sculptor, 26. interconnect, 27. paradox

28. for a li_____ss time *adj.* without end, limit, or boundary; infinite
29. su_____nt current technology *v.* to replace or take the place of something or someone, often by force or through strategic maneuvering; to make obsolete or obsolete by introducing a superior or more advanced alternative
30. obl_____ry audit *adj.* required by a rule, law, or social convention; compulsory
31. re___x test *n.* an automatic and unthinking response to a particular stimulus; a physical reaction to external stimuli
32. bu___r facility *n.* a concrete shelter or underground room, typically for storing ammunition or protecting people from enemy fire; a hazard on a golf course; a large container for storing fuel
33. overcome cla_____bia *n.* a persistent and intense fear of enclosed or small spaces
34. knee re___x *n.* an automatic and unthinking response to a particular stimulus; a physical reaction to external stimuli
35. the pa_____x of the heap *n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;
36. cr___h around a fire *v.* to put your body close to the ground, especially as a way of avoiding being seen

ANSWERS: 28. limitless, 29. supplant, 30. obligatory, 31. reflex, 32. bunker, 33. claustrophobia, 34. reflex, 35. paradox, 36. crouch

37. conduct fi_____nd research *adv.* from the source; directly; (adjective) received directly from a source
38. common id__m *n.* a group of words that have a different meaning when used together than the literal meanings of each individual word; a phrase or expression that has a figurative or cultural meaning understood by native speakers of a language
39. mu__y tomb *n.* a body of a human or animal that has been preserved, typically by being embalmed and wrapped in linen or other material
40. di_____ic dysfunction *adj.* relating to the portion of the cardiac cycle when the heart's ventricles are relaxed and filling with blood, typically characterized by lower blood pressure readings
41. sterile ne_____nos *n.* a very small and electrically neutral particle with a very small mass that rarely reacts with other matter
42. dis_____ed feeling *adj.* without a physical body; not having a material form
43. so_____c cell *adj.* relating to the body, especially as distinct from the mind or spirit; pertaining to the physical aspects of an organism or its functions
44. so_____c symptoms *adj.* relating to the body, especially as distinct from the mind or spirit; pertaining to the physical aspects of an organism or its functions

ANSWERS: 37. firsthand, 38. idiom, 39. mummy, 40. diastolic, 41. neutrino, 42. disembodied, 43. somatic, 44. somatic

45. cla_____bia-inducing *n.* a persistent and intense fear of enclosed or small spaces
46. cr___h into a ball *v.* to put your body close to the ground, especially as a way of avoiding being seen
47. full of em_____y *n.* the ability to share another person's feelings or experiences by imagining that person's situation
48. hear customer's voices fi_____nd *adv.* from the source; directly; (adjective) received directly from a source
49. sy_____ic dysfunction *adj.* relating to or denoting the highest pressure in the arteries during contraction of the heart, typically occurring during the heartbeat cycle
50. fr___y accident *adj.* strange or unusual in a way that is frightening or unsettling
51. li_____ss potential *adj.* without end, limit, or boundary; infinite
52. emotional imm_____ty *n.* the state of being unable to move; the quality of being unable to be moved or changed easily
53. co___r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
54. co___r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
55. sy_____ic heart failure *adj.* relating to or denoting the highest pressure in the arteries during contraction of the heart, typically occurring during the heartbeat cycle

ANSWERS: 45. claustrophobia, 46. crouch, 47. empathy, 48. firsthand, 49. systolic, 50. freaky, 51. limitless, 52. immobility, 53. confer, 54. confer, 55. systolic

56. di_____ic heart failure

adj. relating to the portion of the cardiac cycle when the heart's ventricles are relaxed and filling with blood, typically characterized by lower blood pressure readings

ANSWERS: 56. diastolic

Session 3: Fill in the Blanks

1. Since the second law of thermodynamics is applicable to the universe, the _____ of the universe continues to increase.
 - n.* a scientific concept that is most commonly associated with a state of disorder, randomness, or uncertainty
2. Mushrooms and _____ are fungi.
 - n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
3. His _____ blood pressure was higher than normal, indicating potential cardiovascular problems.
 - adj.* relating to the portion of the cardiac cycle when the heart's ventricles are relaxed and filling with blood, typically characterized by lower blood pressure readings
4. The well-preserved _____ was discovered in an ancient tomb in the desert.
 - n.* a body of a human or animal that has been preserved, typically by being embalmed and wrapped in linen or other material
5. The ghost's _____ voice whispered in the darkness.
 - adj.* without a physical body; not having a material form
6. My leg kicked involuntarily when the doctor tapped my knee with the _____ hammer.
 - n.* an automatic and unthinking response to a particular stimulus; a physical reaction to external stimuli

ANSWERS: 1. entropy, 2. mold, 3. diastolic, 4. mummy, 5. disembodied, 6. reflex

7. He _____ down behind the bushes to avoid being seen.
- v.* to put your body close to the ground, especially as a way of avoiding being seen
8. The _____ usage in his novel paints a vivid picture of life in the Southern United States.
- n.* a group of words that have a different meaning when used together than the literal meanings of each individual word; a phrase or expression that has a figurative or cultural meaning understood by native speakers of a language
9. The soldiers took cover in the dug-out _____ during the bombing.
- n.* a concrete shelter or underground room, typically for storing ammunition or protecting people from enemy fire; a hazard on a golf course; a large container for storing fuel
10. The leaders of the two countries met to _____ on the issue.
- v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
11. All juries should have a copy of the _____ data.
- adj.* providing or related to facts
12. The famous _____ used various tools to carve the marble into the desired shape.
- n.* an artist who creates sculptures, three-dimensional objects, or forms
13. She suffered from _____ and couldn't take elevators.
- n.* a persistent and intense fear of enclosed or small spaces
14. Her _____ blood pressure was high, indicating potential heart problems.
- adj.* relating to or denoting the highest pressure in the arteries during contraction of the heart, typically occurring during the heartbeat cycle

ANSWERS: 7. crouched, 8. idiom, 9. bunker, 10. confer, 11. evidential, 12. sculptor, 13. claustrophobia, 14. systolic

15. The _____ mother gave birth to a healthy baby for the couple who couldn't conceive independently.

adj. acting as a substitute or replacement for someone or something else; having a similar function or purpose

16. There are many theories to explain this _____.

n. a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

17. This laboratory has a pool consisting of thousands of _____ detectors.

n. a very small and electrically neutral particle with a very small mass that rarely reacts with other matter

18. The manager tried to hear customers' voices _____.

adv. from the source; directly; (adjective) received directly from a source

19. There was a _____ about the broken vase, but it was quickly forgotten.

n. a state of agitation or excitement; an angry disturbance

20. Attending the meeting was _____ for all employees.

adj. required by a rule, law, or social convention; compulsory

21. _____ is also necessary to understand history.

n. the ability to share another person's feelings or experiences by imagining that person's situation

22. The airplane crash resulted in the _____ of several passengers due to their injuries.

n. the state of being unable to move; the quality of being unable to be moved or changed easily

ANSWERS: 15. surrogate, 16. paradox, 17. neutrino, 18. firsthand, 19. fuss, 20. obligatory, 21. Empathy, 22. immobility

23. Please _____ these files as we start a new project tomorrow.

- v. to change the order or position of things already made; to change the time, date, or place of an event already planned

24. The _____ clown at the haunted house scared the children.

- adj. strange or unusual in a way that is frightening or unsettling

25. The possibilities for scientific discovery are _____.

- adj. without end, limit, or boundary; infinite

26. The _____ sensations in my body increased as I stepped into the hot bath.

- adj. relating to the body, especially as distinct from the mind or spirit; pertaining to the physical aspects of an organism or its functions

27. Our system can now _____ with other databases.

- v. to connect similar things

28. The young startup aims to _____ the established players in the industry through innovation.

- v. to replace or take the place of something or someone, often by force or through strategic maneuvering; to make obsolete or obsolete by introducing a superior or more advanced alternative

ANSWERS: 23. rearrange, 24. freaky, 25. limitless, 26. somatic, 27. interconnect, 28. supplant