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Vocabulary Builder Reference from...

Edmond Hui: How the heart actually pumps blood | TED Talk

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

Advanced Words Only

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Session 1: Word List

confuse

v. to mistake one thing for another; to make somebody hard to understand

synonym: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality
Her remarks **confused** the debate.

thump

v. to strike or hit heavily or repeatedly, often with a dull, resonating sound; to pound or beat forcefully

synonym: beat, thud, pound

(1) **thump** on the back, (2) **thump** a blistering shot
I heard someone **thump** on the door, and when I opened it, no one was there.

opaque

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

synonym: impenetrable, obscure, cloudy

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

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

superficially

adv. in a manner that is concerned only with surface appearances or lacks depth or thoroughness; on the surface but not in-depth or detail

synonym : externally, on the surface

(1) **superficially** charming, (2) **superficially** knowledgeable
He **superficially** criticized the painting without truly understanding its deeper meaning.

mislead

v. to cause someone to believe something that is not true

synonym : misinform, delude, belie

(1) **mislead** him into trusting her, (2) **mislead** the enemy
Our troops pulled back to **mislead** the enemy.

morphology

n. the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

synonym : structure, form, anatomy

(1) **morphology** of a language, (2) cellular **morphology**
The **morphology** of rocks can reveal clues about their geological history.

wary

adj. cautious or distrustful, especially because of a previous bad experience

synonym : cautious, suspicious, leery

(1) a **wary** statesman, (2) **wary** of marriage

She was **wary** of meeting new people because of past experiences.

intimidate

v. to make someone fearful or uneasy so that they will do something that you want them to do

synonym : frighten, threaten, terrify

(1) **intimidate** an opponent, (2) effectively **intimidate** a thief
The boss tried to **intimidate** his subordinate with threats.

medicinal

adj. of or relating to the treatment or cure of disease

synonym : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to

help with various ailments.

medic

n. a person trained to provide medical care, especially in an emergency

synonym: paramedic, medical professional

(1) **medic** unit, (2) military **medic**

The army **medic** arrived on the scene to provide medical assistance.

immerse

v. to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

synonym: dip, inundate, submerge

(1) **immerse** the cloth in the dye, (2) completely **immerse** the ingredient

He **immersed** himself in his research.

atrium

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

synonym: lobby, hall, chamber

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

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

ventricle

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

synonym: chamber, pumping heart muscle

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

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

aorta

n. the main and largest artery (= thick tube that carries blood from the heart to the body) in the human body originating from the heart

(1) abdominal **aorta**, (2) repair of an **aorta**

The patient will undergo bypass surgery of the **aorta** today.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym: blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports

She **inflated** the balloons for the party.

tricuspid

n. a heart valve with three cusps or flaps, specifically referring to the valve between the right atrium and the right ventricle in the heart

(1) **tricuspid** blood flow, (2) **tricuspid** atresia

The **tricuspid** valve regulates blood flow between the right atrium and right ventricle.

parachute

n. a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air

(1) **parachute** troops, (2) golden **parachute**

This training includes emergency escape drills with **parachutes**.

rhythmic

adj. having a pattern of regular beats or a regular beat; characterized by rhythm

synonym: measured, metrical, cadenced

(1) a **rhythmic** stroking, (2) in a **rhythmic** pace

The **rhythmic** sound of the drums was mesmerizing.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

unfold

v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

synonym : open, spread out, expose

(1) **unfold** the story, (2) **unfold** the stroller

The mystery **unfolded** as the detectives gathered more clues.

rhyme

n. a word or phrase that has the same last sound as another word or phrase, often used in poetry and songwriting

synonym : verse, poetry, meter

(1) **rhyme** poem, (2) write in **rhyme**

The poem had a consistent **rhyme** scheme throughout.

Session 2: Spelling

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|-----------------------------------|------|---|
| 1. un___d the stroller | v. | to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown |
| 2. im_____e the cloth in the dye | v. | to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered |
| 3. mi__c numerous instruments | v. | to imitate someone's speech, movement, or behavior, especially to make others laugh |
| 4. traditional me_____al | adj. | of or relating to the treatment or cure of disease |
| 5. repair of an ao__a | n. | the main and largest artery (= thick tube that carries blood from the heart to the body) in the human body originating from the heart |
| 6. op___e material | adj. | not transparent; not allowing light to pass through; not permitting a clear view |
| 7. mi_____d him into trusting her | v. | to cause someone to believe something that is not true |
| 8. int_____te an opponent | v. | to make someone fearful or uneasy so that they will do something that you want them to do |
| 9. in_____e a tire | v. | to fill something with air or gas so that it becomes bigger and rounder |

ANSWERS: 1. unfold, 2. immerse, 3. mimic, 4. medicinal, 5. aorta, 6. opaque, 7. mislead, 8. intimidate, 9. inflate

10. mor_____gy of a language *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
11. sup_____lly charming *adv.* in a manner that is concerned only with surface appearances or lacks depth or thoroughness; on the surface but not in-depth or detail
12. in a rh_____ic pace *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm
13. w__y of marriage *adj.* cautious or distrustful, especially because of a previous bad experience
14. abdominal ao__a *n.* the main and largest artery (= thick tube that carries blood from the heart to the body) in the human body originating from the heart
15. co_____e fantasy with reality *v.* to mistake one thing for another; to make somebody hard to understand
16. th__p on the back *v.* to strike or hit heavily or repeatedly, often with a dull, resonating sound; to pound or beat forcefully
17. military me__c *n.* a person trained to provide medical care, especially in an emergency
18. cellular mor_____gy *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

ANSWERS: 10. morphology, 11. superficially, 12. rhythmic, 13. wary, 14. aorta, 15. confuse, 16. thump, 17. medic, 18. morphology

19. rh__e poem *n.* a word or phrase that has the same last sound as another word or phrase, often used in poetry and songwriting
20. op___e color *adj.* not transparent; not allowing light to pass through; not permitting a clear view
21. completely im_____e the ingredient *v.* to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered
22. co_____e the listener *v.* to mistake one thing for another; to make somebody hard to understand
23. effectively int_____te a thief *v.* to make someone fearful or uneasy so that they will do something that you want them to do
24. ve_____le in the brain *n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body
25. left ve_____le *n.* a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body
26. at___m valve *n.* a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear
27. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh

ANSWERS: 19. rhyme, 20. opaque, 21. immerse, 22. confuse, 23. intimidate, 24. ventricle, 25. ventricle, 26. atrium, 27. mimic

28. sup_____lly knowledgeable *adv.* in a manner that is concerned only with surface appearances or lacks depth or thoroughness; on the surface but not in-depth or detail
29. at___m architecture *n.* a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear
30. pa_____te troops *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
31. mi_____d the enemy *v.* to cause someone to believe something that is not true
32. golden pa_____te *n.* a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
33. me__c unit *n.* a person trained to provide medical care, especially in an emergency
34. tr_____id atresia *n.* a heart valve with three cusps or flaps, specifically referring to the valve between the right atrium and the right ventricle in the heart
35. a rh_____ic stroking *adj.* having a pattern of regular beats or a regular beat; characterized by rhythm

ANSWERS: 28. superficially, 29. atrium, 30. parachute, 31. mislead, 32. parachute, 33. medic, 34. tricuspid, 35. rhythmic

36. in____e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
37. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
38. a w__y statesman *adj.* cautious or distrustful, especially because of a previous bad experience
39. un____d the story *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
40. th__p a blistering shot *v.* to strike or hit heavily or repeatedly, often with a dull, resonating sound; to pound or beat forcefully
41. tr_____id blood flow *n.* a heart valve with three cusps or flaps, specifically referring to the valve between the right atrium and the right ventricle in the heart
42. write in rh__e *n.* a word or phrase that has the same last sound as another word or phrase, often used in poetry and songwriting

ANSWERS: 36. inflate, 37. medicinal, 38. wary, 39. unfold, 40. thump, 41. tricuspid, 42. rhyme

Session 3: Fill in the Blanks

1. The poem had a consistent _____ scheme throughout.
n. a word or phrase that has the same last sound as another word or phrase, often used in poetry and songwriting

2. He _____ himself in his research.
v. to become fully involved in a particular activity; to dip or submerge in a liquid, especially so that they or it are entirely covered

3. The curtains were made of _____ fabric that blocked out all light.
adj. not transparent; not allowing light to pass through; not permitting a clear view

4. The _____ valve regulates blood flow between the right atrium and right ventricle.
n. a heart valve with three cusps or flaps, specifically referring to the valve between the right atrium and the right ventricle in the heart

5. He _____ criticized the painting without truly understanding its deeper meaning.
adv. in a manner that is concerned only with surface appearances or lacks depth or thoroughness; on the surface but not in-depth or detail

6. The patient will undergo bypass surgery of the _____ today.
n. the main and largest artery (= thick tube that carries blood from the heart to the body) in the human body originating from the heart

7. The mystery _____ as the detectives gathered more clues.
v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

ANSWERS: 1. rhyme, 2. immersed, 3. opaque, 4. tricuspid, 5. superficially, 6. aorta, 7. unfolded

8. Her remarks _____ the debate.

v. to mistake one thing for another; to make somebody hard to understand

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

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

10. Our troops pulled back to _____ the enemy.

v. to cause someone to believe something that is not true

11. The _____ properties of this herb have been known to help with various ailments.

adj. of or relating to the treatment or cure of disease

12. She _____ the balloons for the party.

v. to fill something with air or gas so that it becomes bigger and rounder

13. The _____ sound of the drums was mesmerizing.

adj. having a pattern of regular beats or a regular beat; characterized by rhythm

14. He is very popular at school because he can _____ all the teachers' accents.

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

15. She was _____ of meeting new people because of past experiences.

adj. cautious or distrustful, especially because of a previous bad experience

ANSWERS: 8. confused, 9. atrium, 10. mislead, 11. medicinal, 12. inflated, 13. rhythmic, 14. mimic, 15. wary

16. The army _____ arrived on the scene to provide medical assistance.
n. a person trained to provide medical care, especially in an emergency
17. The heart's _____ are responsible for pumping blood out to the body.
n. a chamber or cavity within an organ or structure, particularly the lower chamber of the heart that pumps blood to the lungs and other parts of the body
18. The boss tried to _____ his subordinate with threats.
v. to make someone fearful or uneasy so that they will do something that you want them to do
19. This training includes emergency escape drills with _____.
n. a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
20. The _____ of rocks can reveal clues about their geological history.
n. the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
21. I heard someone _____ on the door, and when I opened it, no one was there.
v. to strike or hit heavily or repeatedly, often with a dull, resonating sound; to pound or beat forcefully

ANSWERS: 16. medic, 17. ventricles, 18. intimidate, 19. parachutes, 20. morphology, 21. thump