

Englist.me



Vocabulary Builder Reference from...

Risa Wechsler: The search for dark matter -- and what we've found so far | TED Talk

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

Advanced Words Only

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym : give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

infer

v. to form an opinion or conclude that something is true based on existing facts

synonym : guess, deduce, assume

(1) **infer** quality from price, (2) **infer** the possibility

Animal desire and preference are always **inferred** from their behavior.

unseen

adj. not seen or noticed; not perceived

synonym : invisible, hidden, undercover

(1) **unseen** danger, (2) an **unseen** force

The consequences of the pandemic remain **unseen** as scientists continue to research the virus.

hurtle

v. to move quickly and forcefully, especially in an uncontrolled or dangerous way

synonym : throw, hurl, fling

(1) **hurtle** into a tunnel, (2) **hurtle** through life
The car **hurtled** down the highway at breakneck speed.

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**.

clump

n. a small group of bushes, trees, flowers, people, etc.
synonym: cluster, bunch, bundle

(1) **clump** of bacteria, (2) a **clump** of trees
I heard the **clump** of his boots in the hallway.

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.

astronomer

n. a physicist who studies astronomy
synonym: stargazer, cosmologist, astrophysicist

(1) amateur **astronomer**, (2) solar **astronomer**
This question has fascinated solar **astronomers** for decades.

smashing

adj. very successful or impressive; causing something to be broken or destroyed

synonym: great, wonderful, breaking

(1) a **smashing** blow, (2) give **smashing** results
The band's new album was a **smashing** success, reaching the top of the charts.

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**.

distort

v. to change something's shape, appearance, or sound so that it appears weird or unclear

synonym: fudge, deform, contort

(1) **distort** the facts, (2) **distort** the economy

Economists contend that taxes **distort** consumer behavior in general.

Session 2: Spelling

- | | |
|---------------------------|--|
| 1. hu___e through life | <i>v.</i> to move quickly and forcefully, especially in an uncontrolled or dangerous way |
| 2. a sm_____ng blow | <i>adj.</i> very successful or impressive; causing something to be broken or destroyed |
| 3. e__t air pollution | <i>v.</i> to give off or send out something such as light, heat, sound, gas, etc. |
| 4. hu___e into a tunnel | <i>v.</i> to move quickly and forcefully, especially in an uncontrolled or dangerous way |
| 5. give sm_____ng results | <i>adj.</i> very successful or impressive; causing something to be broken or destroyed |
| 6. e__t a gamma ray | <i>v.</i> to give off or send out something such as light, heat, sound, gas, etc. |
| 7. a cl__p of trees | <i>n.</i> a small group of bushes, trees, flowers, people, etc. |
| 8. amateur ast_____er | <i>n.</i> a physicist who studies astronomy |
| 9. pr___n decay | <i>n.</i> 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 |
| 10. theoretical ph_____st | <i>n.</i> a scientist who specializes in the field of physics |
| 11. solar ast_____er | <i>n.</i> a physicist who studies astronomy |
| 12. cl__p of bacteria | <i>n.</i> a small group of bushes, trees, flowers, people, etc. |

ANSWERS: 1. hurtle, 2. smashing, 3. emit, 4. hurtle, 5. smashing, 6. emit, 7. clump, 8. astronomer, 9. proton, 10. physicist, 11. astronomer, 12. clump

- | | |
|------------------------------|--|
| 13. an un___n force | <i>adj.</i> not seen or noticed; not perceived |
| 14. di_____t the economy | <i>v.</i> to change something's shape, appearance, or sound so that it appears weird or unclear |
| 15. di_____t the facts | <i>v.</i> to change something's shape, appearance, or sound so that it appears weird or unclear |
| 16. co_____e in midair | <i>v.</i> to hit something violently when moving |
| 17. un___n danger | <i>adj.</i> not seen or noticed; not perceived |
| 18. talented ph_____st | <i>n.</i> a scientist who specializes in the field of physics |
| 19. pr___n conductivity | <i>n.</i> 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 |
| 20. in__r the possibility | <i>v.</i> to form an opinion or conclude that something is true based on existing facts |
| 21. in__r quality from price | <i>v.</i> to form an opinion or conclude that something is true based on existing facts |
| 22. co_____e head-on | <i>v.</i> to hit something violently when moving |

ANSWERS: 13. unseen, 14. distort, 15. distort, 16. collide, 17. unseen, 18. physicist, 19. proton, 20. infer, 21. infer, 22. collide

Session 3: Fill in the Blanks

1. Einstein was an outstanding and famous _____ of the 20th century.
n. a scientist who specializes in the field of physics
2. This question has fascinated solar _____ for decades.
n. a physicist who studies astronomy
3. I heard the _____ of his boots in the hallway.
n. a small group of bushes, trees, flowers, people, etc.
4. The band's new album was a _____ success, reaching the top of the charts.
adj. very successful or impressive; causing something to be broken or destroyed
5. The interests of the two countries _____.
v. to hit something violently when moving
6. The consequences of the pandemic remain _____ as scientists continue to research the virus.
adj. not seen or noticed; not perceived
7. Animal desire and preference are always _____ from their behavior.
v. to form an opinion or conclude that something is true based on existing facts
8. During the unloading, the container box _____ a clicking sound.
v. to give off or send out something such as light, heat, sound, gas, etc.
9. The car _____ down the highway at breakneck speed.
v. to move quickly and forcefully, especially in an uncontrolled or dangerous way

ANSWERS: 1. physicist, 2. astronomers, 3. clump, 4. smashing, 5. collide, 6. unseen, 7. inferred, 8. emits, 9. hurtled

10. Economists contend that taxes _____ consumer behavior in general.

- v.* to change something's shape, appearance, or sound so that it appears weird or unclear

11. 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

ANSWERS: 10. distort, 11. protons