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Vocabulary Builder Reference from...

Jack Horner: Where are the baby dinosaurs? | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

clap

v. to hit your hands together and make a short and loud noise, mainly to show your approval or praise

synonym : applaud, spat, acclaim

(1) **clap** my hands, (2) **clap** a book shut

We **clapped** along with the singer's song.

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym : reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

extinct

adj. no longer in existence

synonym : dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

fascination

n. the state of being intensely interested in someone or something, or a powerful attraction

synonym : allure, attraction, charm

(1) rapt in **fascination**, (2) the **fascination** with classical

music

I looked at the painting in **fascination**.

reptile

n. a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

synonym: lizard, serpent, snake

(1) **reptile** exhibition, (2) fossil **reptile**

Alligators are a type of **reptile** that live in swamps and rivers.

cassowary

n. a large flightless bird native to Australia, Papua New Guinea, and surrounding islands, known for its distinctive appearance and strong, dangerous claws

synonym: flightless bird

(1) **cassowary** bird, (2) **cassowary** habitat

The **cassowary's** powerful legs force it to run and kick.

ontogeny

n. the development and growth process of an individual organism from conception to maturity, encompassing changes in its structure, form, and function

synonym: development, growth, maturation

(1) embryonic **ontogeny**, (2) neural **ontogeny**

The **ontogeny** process in amphibians is marked by distinct stages, from egg to tadpole to adult.

allometry

n. the study or analysis of the proportional or relative growth of different parts of an organism or object about each other

synonym: scaling, proportion, growth ratio

(1) **allometry** equation, (2) bone length **allometry**

The **allometry** curve of this dinosaur species suggests a drastic change in its feeding habits as it grew.

duck-billed

adj. referring to the platypus or certain types of birds with a flat, broad bill or snout resembling that of a duck; describing something that has a bill or beak resembling that of a duck

(1) **duck-billed** dinosaur, (2) **duck-billed** mask

The **duck-billed** platypus is a unique mammal found in Australia.

subadult

adj. referring to an animal or person that is not fully mature or developed but has not yet reached adulthood, typically used to describe a stage of development between juvenile and adult

synonym : adolescent, juvenile, immature

(1) **subadult** male, (2) **subadult** behavior

The **subadult** elephant was still too young to mate and reproduce.

astray

adv. away from the right path or direction

synonym : off course, misdirected, wayward

(1) led **astray** by superstition, (2) gone **astray**

He wandered **astray** from the path and got lost in the forest.

sponge

n. a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

(1) sea **sponge**, (2) metallic **sponge**

The tiny marine **sponge** has existed for more than 500 million years.

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.

gnarl

n. a rough knotted swelling on a tree, knot in wood; a contorted or twisted shape or feature

synonym : knot, twist, bump

(1) **gnarl** bark, (2) **gnarl-edged** branch

The **gnarl** of the tree trunk provided a natural seat for the weary traveler.

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.

reabsorption

n. the organic process in which the substance of some differentiated structure that has been produced by the body undergoes lysis and assimilation

(1) **reabsorption** of water, (2) glucose **reabsorption**

The tubules are responsible for the **reabsorption** of sodium once filtered by the kidneys.

hypothesize

v. to form or present a theory or explanation without sufficient evidence; to speculate

synonym: speculate, theorize, conjecture

(1) **hypothesize** as to outcomes, (2) **hypothesize** what could have happened

Scientists **hypothesize** that the new fish species evolved to survive in deep-sea environments.

frill

n. a decorative or ornamental edge or trim on clothing, fabric, or other objects; an extra detail or embellishment added for decorative purposes

synonym: flounce, ruffle, embellishment

(1) decorative **frill**, (2) **frill** dress

The dress had a beautiful **frill** at the hem, adding a feminine touch to the overall design.

triangular

adj. having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)

synonym: three-cornered, trilateral

(1) a **triangular** alliance, (2) **triangular** form

The **triangular** shape of the pyramid was an important architectural feature.

newscast

n. a radio or television program that delivers news to the public, usually broadcast at set times throughout the day

synonym: news, broadcast, bulletin

(1) live **newscast**, (2) breaking **newscast**

I always watch the evening **newscast** to stay updated on current events.

histology

n. the branch of biology that deals with the study of the microscopic structure of tissues and cells; the microscopic examination and study of tissues to observe their structure, composition, and function

synonym: microscopy, cytology, pathology

(1) **histology** specimens, (2) **histology** techniques

The **histology** lab provides valuable insights into the cellular structure of tissues.

nanoscale

adj. on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale

(1) **nanoscale** device, (2) things at the **nanoscale**

This process improves the strength of the metal by controlling the **nanoscale** lattice structure of the metal.

memorize

v. to learn something carefully so that you will remember it exactly

synonym: learn, remember, remind

(1) **memorize** musical scores, (2) try hard to **memorize** the lines

Lawyers need to **memorize** even the most minor provisions of the law.

Session 2: Spelling

1. led as ___y by superstition *adv.* away from the right path or direction
2. fr__l dress *n.* a decorative or ornamental edge or trim on clothing, fabric, or other objects; an extra detail or embellishment added for decorative purposes
3. duc_____ed mask *adj.* referring to the platypus or certain types of birds with a flat, broad bill or snout resembling that of a duck; describing something that has a bill or beak resembling that of a duck
4. su_____lt male *adj.* referring to an animal or person that is not fully mature or developed but has not yet reached adulthood, typically used to describe a stage of development between juvenile and adult
5. gn__l-edged branch *n.* a rough knotted swelling on a tree, knot in wood; a contorted or twisted shape or feature
6. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
7. breaking ne_____st *n.* a radio or television program that delivers news to the public, usually broadcast at set times throughout the day

ANSWERS: 1. astray, 2. frill, 3. duck-billed, 4. subadult, 5. gnarl, 6. determinant, 7. newscast

8. glucose rea_____ion *n.* the organic process in which the substance of some differentiated structure that has been produced by the body undergoes lysis and assimilation
9. a tri_____ar alliance *adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)
10. sea sp___e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
11. gone as___y *adv.* away from the right path or direction
12. tri_____ar form *adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)
13. the fas_____on with classical music *n.* the state of being intensely interested in someone or something, or a powerful attraction
14. things at the na_____le *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
15. me_____ze musical scores *v.* to learn something carefully so that you will remember it exactly
16. hulking di_____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
17. gn__l bark *n.* a rough knotted swelling on a tree, knot in wood; a contorted or twisted shape or feature

ANSWERS: 8. reabsorption, 9. triangular, 10. sponge, 11. astray, 12. triangular, 13. fascination, 14. nanoscale, 15. memorize, 16. dinosaur, 17. gnarl

18. in_____e expense reports *v.* to fill something with air or gas so that it becomes bigger and rounder
19. fossil re_____e *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
20. bone length al_____ry *n.* the study or analysis of the proportional or relative growth of different parts of an organism or object about each other
21. hyp_____ze what could have happened *v.* to form or present a theory or explanation without sufficient evidence; to speculate
22. c__p a book shut *v.* to hit your hands together and make a short and loud noise, mainly to show your approval or praise
23. try hard to me_____ze the lines *v.* to learn something carefully so that you will remember it exactly
24. hi_____gy techniques *n.* the branch of biology that deals with the study of the microscopic structure of tissues and cells; the microscopic examination and study of tissues to observe their structure, composition, and function
25. ca_____ry bird *n.* a large flightless bird native to Australia, Papua New Guinea, and surrounding islands, known for its distinctive appearance and strong, dangerous claws
26. ex_____t by human activity *adj.* no longer in existence
27. ca_____ry habitat *n.* a large flightless bird native to Australia, Papua New Guinea, and surrounding islands, known for its distinctive appearance and strong, dangerous claws

ANSWERS: 18. inflate, 19. reptile, 20. allometry, 21. hypothesize, 22. clap, 23. memorize, 24. histology, 25. cassowary, 26. extinct, 27. cassowary

28. di_____ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
29. al_____ry equation *n.* the study or analysis of the proportional or relative growth of different parts of an organism or object about each other
30. metallic sp_____e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
31. long-ex_____t volcano *adj.* no longer in existence
32. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
33. rea_____ion of water *n.* the organic process in which the substance of some differentiated structure that has been produced by the body undergoes lysis and assimilation
34. na_____le device *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
35. c__p my hands *v.* to hit your hands together and make a short and loud noise, mainly to show your approval or praise
36. neural on_____ny *n.* the development and growth process of an individual organism from conception to maturity, encompassing changes in its structure, form, and function

ANSWERS: 28. dinosaur, 29. allometry, 30. sponge, 31. extinct, 32. determinant, 33. reabsorption, 34. nanoscale, 35. clap, 36. ontogeny

37. su_____lt behavior *adj.* referring to an animal or person that is not fully mature or developed but has not yet reached adulthood, typically used to describe a stage of development between juvenile and adult
38. re_____e exhibition *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
39. hyp_____ze as to outcomes *v.* to form or present a theory or explanation without sufficient evidence; to speculate
40. duc_____ed dinosaur *adj.* referring to the platypus or certain types of birds with a flat, broad bill or snout resembling that of a duck; describing something that has a bill or beak resembling that of a duck
41. in_____e a tire *v.* to fill something with air or gas so that it becomes bigger and rounder
42. live ne_____st *n.* a radio or television program that delivers news to the public, usually broadcast at set times throughout the day
43. embryonic on_____ny *n.* the development and growth process of an individual organism from conception to maturity, encompassing changes in its structure, form, and function
44. rapt in fas_____on *n.* the state of being intensely interested in someone or something, or a powerful attraction

ANSWERS: 37. subadult, 38. reptile, 39. hypothesize, 40. duck-billed, 41. inflate, 42. newscast, 43. ontogeny, 44. fascination

45. decorative fr__l *n.* a decorative or ornamental edge or trim on clothing, fabric, or other objects; an extra detail or embellishment added for decorative purposes
46. hi_____gy specimens *n.* the branch of biology that deals with the study of the microscopic structure of tissues and cells; the microscopic examination and study of tissues to observe their structure, composition, and function

ANSWERS: 45. frill, 46. histology

Session 3: Fill in the Blanks

1. The dress had a beautiful _____ at the hem, adding a feminine touch to the overall design.
 - n.* a decorative or ornamental edge or trim on clothing, fabric, or other objects; an extra detail or embellishment added for decorative purposes

2. The _____ curve of this dinosaur species suggests a drastic change in its feeding habits as it grew.
 - n.* the study or analysis of the proportional or relative growth of different parts of an organism or object about each other

3. The _____ powerful legs force it to run and kick.
 - n.* a large flightless bird native to Australia, Papua New Guinea, and surrounding islands, known for its distinctive appearance and strong, dangerous claws

4. The tiny marine _____ has existed for more than 500 million years.
 - n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

5. Alligators are a type of _____ that live in swamps and rivers.
 - n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

6. Lawyers need to _____ even the most minor provisions of the law.
 - v.* to learn something carefully so that you will remember it exactly

7. The _____ process in amphibians is marked by distinct stages, from egg to tadpole to adult.
 - n.* the development and growth process of an individual organism from conception to maturity, encompassing changes in its structure, form, and function

ANSWERS: 1. frill, 2. allometry, 3. cassowary's, 4. sponge, 5. reptile, 6. memorize, 7. ontogeny

8. The discovery of a new _____ species made headlines in the scientific community.
- n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
9. 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
10. This process improves the strength of the metal by controlling the _____ lattice structure of the metal.
- adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
11. Scientists _____ that the new fish species evolved to survive in deep-sea environments.
- v.* to form or present a theory or explanation without sufficient evidence; to speculate
12. The _____ elephant was still too young to mate and reproduce.
- adj.* referring to an animal or person that is not fully mature or developed but has not yet reached adulthood, typically used to describe a stage of development between juvenile and adult
13. Many species have become _____ due to habitat destruction and other human activities.
- adj.* no longer in existence
14. The _____ lab provides valuable insights into the cellular structure of tissues.
- n.* the branch of biology that deals with the study of the microscopic structure of tissues and cells; the microscopic examination and study of tissues to observe their structure, composition, and function

ANSWERS: 8. dinosaur, 9. determinant, 10. nanoscale, 11. hypothesize, 12. subadult, 13. extinct, 14. histology

15. We _____ along with the singer's song.

- v.* to hit your hands together and make a short and loud noise, mainly to show your approval or praise

16. He wandered _____ from the path and got lost in the forest.

- adv.* away from the right path or direction

17. The tubules are responsible for the _____ of sodium once filtered by the kidneys.

- n.* the organic process in which the substance of some differentiated structure that has been produced by the body undergoes lysis and assimilation

18. She _____ the balloons for the party.

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

19. The _____ platypus is a unique mammal found in Australia.

- adj.* referring to the platypus or certain types of birds with a flat, broad bill or snout resembling that of a duck; describing something that has a bill or beak resembling that of a duck

20. I looked at the painting in _____.

- n.* the state of being intensely interested in someone or something, or a powerful attraction

21. The _____ shape of the pyramid was an important architectural feature.

- adj.* having three angles or sides; forming or shaped like a triangle (= a three-sided polygon)

22. The _____ of the tree trunk provided a natural seat for the weary traveler.

- n.* a rough knotted swelling on a tree, knot in wood; a contorted or twisted shape or feature

ANSWERS: 15. clapped, 16. astray, 17. reabsorption, 18. inflated, 19. duck-billed, 20. fascination, 21. triangular, 22. gnarl

23. I always watch the evening _____ to stay updated on current events.

- n.* a radio or television program that delivers news to the public, usually broadcast at set times throughout the day

ANSWERS: 23. newscast