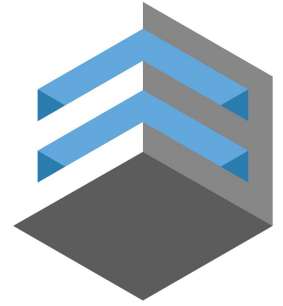


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Vocabulary Builder Reference from...

Dan Bricklin: Meet the inventor of the electronic spreadsheet | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

propel

v. to move, drive or push something forward or in a particular direction, often with a lot of force

synonym: drive, push, move

(1) **propel** growth, (2) **propel** the ship

An increase in employment helps **propel** economic growth.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

schooler

n. a student who attends a school

synonym: student, pupil, learner

(1) a primary **schooler**, (2) **schooler** uniform

He often traveled abroad alone when he was in high **schooler**.

perseverance

n. steadfastness in doing something despite difficulty or delay in achieving success

synonym: persistence, tenacity, determination

(1) unwavering **perseverance**, (2) dogged **perseverance**

Despite facing numerous setbacks and obstacles, his **perseverance** and determination led him to success.

trailblazing

adj. pioneering; innovative; the action of blazing a trail or creating a path for others to follow

synonym: pioneering, innovative, groundbreaking

(1) **trailblazing** technology, (2) **trailblazing** approach

The **trailblazing** scientist paved the way for future research in the field.

typeset

v. to arrange and format text or material for printing, typically in a specified font, size, and layout; to compose or arrange written material in a particular style or format for publication

synonym: typescript, compose, set

(1) **typeset** document, (2) **typeset** layout

I need to **typeset** the manuscript before sending it to the publisher.

typewriter

n. a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over

(1) **typewriter** keys, (2) electronic **typewriter**

I found an old **typewriter** at a thrift store and used it to write my novel.

microprocessor

n. a computer component containing all the functions of the central processing unit

synonym: IC, chip, microchip

(1) **microprocessor** chip, (2) dedicated **microprocessor**

As a result of improvements in **microprocessor** performance, many consumer electronics products are now Internet-connected.

yearbook

n. a book published annually by a school, college, or other organization featuring photographs and records of the

previous year's events and the individuals involved in them

synonym : annual, yearly

(1) **yearbook** photography, (2) college **yearbook**

I still like flipping through my high school **yearbook** to remember old friends.

dictate

v. to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded

synonym : read out, prescribe, order

(1) **dictate** a letter to secretary, (2) **dictate** to the associate

The allies **dictated** the terms of surrender to the country.

transcribe

v. to copy or reproduce something in written or printed form; to translate spoken language into written text

synonym : copy, record, transliterate

(1) **transcribe** notes, (2) **transcribe** documents

She needs to **transcribe** the interview recording to write the article for the magazine.

blackboard

n. a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk

synonym : chalkboard, slate

(1) chalk on a **blackboard**, (2) electronic **blackboard**

The teacher asked me to rub out the **blackboard**.

daydreaming

n. the act of thinking about something that you would prefer to be doing or have happened to you

synonym : reverie, cloud-castle, imagination

(1) stimulate **daydreaming**, (2) the mental process of **daydreaming**

I often waste a lot of time **daydreaming**.

mainframe

n. a large and powerful computer with a lot of memory used primarily by large organizations for critical applications

(1) **mainframe** computer, (2) **mainframe** operating system
IBM has consistently been a significant supplier of **mainframes** for a long time.

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth
He continued his investigation and soon **uncovered** another crime.

expend

v. to use or spend time, money, energy, etc.

synonym: disburse, spend, pay

(1) **expend** a great deal of energy, (2) **expend** time and resources

Billionaires tend to **expend** private funds on a public undertaking.

tedious

adj. tiresome or boring because of being repetitive, dull, or too long; causing mental or physical fatigue due to its unrelenting nature

synonym: boring, monotonous, dull

(1) **tedious** task, (2) **tedious** routine

The work of data entry can be **tedious**, but it is important for maintaining accurate records.

attic

n. a space or area, typically bounded by a roof and walls in a house that is located immediately below the roof; often used for storage or as an additional living space

synonym: loft, garret, crawlspace

(1) **attic** space, (2) dusty **attic**

I found an old photo album in the spacious **attic** filled with pictures of my grandparents when they were young.

coupler

n. a device or mechanism used to connect two things, particularly in machinery or equipment, to enable them to function together or transmit energy or signals

between them

synonym: connector, joiner, link

(1) **coupler** device, (2) fiber optic **coupler**

The electrical **coupler** ensured a secure connection between the wires.

subtract

v. to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole

synonym: deduct, take away, remove

(1) **subtract** numbers, (2) **subtract** one from the total

I need to **subtract** the cost of my expenses from my income to see how much money I have left.

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.

rite

n. a formal or ceremonial act or set of acts performed in a traditional or prescribed way; a religious or spiritual ceremony or practice

synonym: ceremony, ritual, practice

(1) perform the **rite**, (2) **rite** of passage into adulthood

The bishop performed the **rite** of consecration for the new church.

disbeliever

n. a person who does not believe in something, such as a religion or idea

synonym: non-believer, skeptic, doubter

(1) persuade a **disbeliever**, (2) stubborn **disbeliever**

Despite the evidence, she remained a **disbeliever** in the theory of evolution.

colosseum

n. (also "coliseum") a large amphitheater (= an open-air venue used for entertainment, performances, and

sports) in Rome whose construction was begun by
Vespasian about AD 75 or 80

(1) build a **colosseum** for gladiators, (2) **Colosseum** area
Rome's **Colosseum** gets busy in peak season.

pantheon

n. a temple dedicated to all the gods or goddesses of a
particular religion or mythology; a group of something or
someone that is remarkably respected, famous, or
important

synonym: temple, shrine, sanctuary

(1) **pantheon** of products, (2) ancient **pantheon**

The **pantheon** of Greek gods and goddesses is well-known
throughout Western culture.

hail

v. to call out to someone to get their attention, often from a
distance; to greet or welcome someone, especially with
enthusiasm or admiration; (noun) precipitation in the
form of small balls or lumps of ice that fall from the sky

synonym: greet, salute, welcome

(1) **hail** the victorious team with cheers, (2) **hail** forecast

People in the area were forced to **hail** a taxi due to the lack of
public transportation options.

gasp

v. to inhale sharply and audibly, often in response to strong
emotion or sensation; to catch one's breath suddenly,
often due to shock or surprise

synonym: breathe, pant, heave

(1) **gasp** for air, (2) **gasp** in shock

The audience **gasped** when the magician made the rabbit
disappear from the hat.

commemorate

v. to honor the memory of someone or something by
ceremony or tribute

synonym: honor, remember, celebrate

(1) **commemorate** her long life, (2) **commemorate** a deed

The country **commemorated** the war heroes on Memorial
Day.

Session 2: Spelling

1. ex___d a great deal of energy *v.* to use or spend time, money, energy, etc.
2. tra_____be documents *v.* to copy or reproduce something in written or printed form; to translate spoken language into written text
3. h__l forecast *v.* to call out to someone to get their attention, often from a distance; to greet or welcome someone, especially with enthusiasm or admiration; (noun) precipitation in the form of small balls or lumps of ice that fall from the sky
4. su_____ct numbers *v.* to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
5. fiber optic co_____r *n.* a device or mechanism used to connect two things, particularly in machinery or equipment, to enable them to function together or transmit energy or signals between them
6. ty_____t layout *v.* to arrange and format text or material for printing, typically in a specified font, size, and layout; to compose or arrange written material in a particular style or format for publication
7. dusty at__c *n.* a space or area, typically bounded by a roof and walls in a house that is located immediately below the roof; often used for storage or as an additional living space

ANSWERS: 1. expend, 2. transcribe, 3. hail, 4. subtract, 5. coupler, 6. typeset, 7. attic

8. te____s task *adj.* tiresome or boring because of being repetitive, dull, or too long; causing mental or physical fatigue due to its unrelenting nature
9. ancient pa____on *n.* a temple dedicated to all the gods or goddesses of a particular religion or mythology; a group of something or someone that is remarkably respected, famous, or important
10. com_____te a deed *v.* to honor the memory of someone or something by ceremony or tribute
11. h__l the victorious team with cheers *v.* to call out to someone to get their attention, often from a distance; to greet or welcome someone, especially with enthusiasm or admiration; (noun) precipitation in the form of small balls or lumps of ice that fall from the sky
12. pr____l growth *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
13. pa____on of products *n.* a temple dedicated to all the gods or goddesses of a particular religion or mythology; a group of something or someone that is remarkably respected, famous, or important
14. tra_____ing approach *adj.* pioneering; innovative; the action of blazing a trail or creating a path for others to follow
15. build a co_____um for gladiators *n.* (also "coliseum") a large amphitheater (= an open-air venue used for entertainment, performances, and sports) in Rome whose construction was begun by Vespasian about AD 75 or 80

ANSWERS: 8. tedious, 9. pantheon, 10. commemorate, 11. hail, 12. propel, 13. pantheon, 14. trailblazing, 15. colosseum

16. tra_____be notes *v.* to copy or reproduce something in written or printed form; to translate spoken language into written text
17. electronic typ_____er *n.* a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over
18. dedicated mic_____sor *n.* a computer component containing all the functions of the central processing unit
19. sc_____er uniform *n.* a student who attends a school
20. r__e of passage into adulthood *n.* a formal or ceremonial act or set of acts performed in a traditional or prescribed way; a religious or spiritual ceremony or practice
21. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
22. pr___l the ship *v.* to move, drive or push something forward or in a particular direction, often with a lot of force
23. the mental process of day_____ng *n.* the act of thinking about something that you would prefer to be doing or have happened to you
24. Co_____um area *n.* (also "coliseum") a large amphitheater (= an open-air venue used for entertainment, performances, and sports) in Rome whose construction was begun by Vespasian about AD 75 or 80

ANSWERS: 16. transcribe, 17. typewriter, 18. microprocessor, 19. schooler, 20. rite, 21. industrious, 22. propel, 23. daydreaming, 24. colosseum

25. perform the r__e *n.* a formal or ceremonial act or set of acts performed in a traditional or prescribed way; a religious or spiritual ceremony or practice
26. un____r a potential problem *v.* to remove the cover from something; to discover something previously unseen or hidden
27. com_____te her long life *v.* to honor the memory of someone or something by ceremony or tribute
28. chalk on a bla____rd *n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
29. di____e a letter to secretary *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
30. g__p for air *v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
31. ma_____me computer *n.* a large and powerful computer with a lot of memory used primarily by large organizations for critical applications
32. ex____d time and resources *v.* to use or spend time, money, energy, etc.
33. unwavering per_____nce *n.* steadfastness in doing something despite difficulty or delay in achieving success
34. stimulate day_____ng *n.* the act of thinking about something that you would prefer to be doing or have happened to you

ANSWERS: 25. rite, 26. uncover, 27. commemorate, 28. blackboard, 29. dictate, 30. gasp, 31. mainframe, 32. expend, 33. perseverance, 34. daydreaming

35. a primary sc____er *n.* a student who attends a school
36. persuade a dis____er *n.* a person who does not believe in something, such as a religion or idea
37. co____r honor *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
38. ty____t document *v.* to arrange and format text or material for printing, typically in a specified font, size, and layout; to compose or arrange written material in a particular style or format for publication
39. ind____us student *adj.* hardworking, diligent, and persistent in effort
40. g__p in shock *v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
41. co____r degree *v.* to have a meeting or discussion to come to a decision or agreement or exchange ideas; to bestow something
42. co____r device *n.* a device or mechanism used to connect two things, particularly in machinery or equipment, to enable them to function together or transmit energy or signals between them
43. ma____me operating system *n.* a large and powerful computer with a lot of memory used primarily by large organizations for critical applications
44. un____r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden

ANSWERS: 35. schooler, 36. disbeliever, 37. confer, 38. typeset, 39. industrious, 40. gasp, 41. confer, 42. coupler, 43. mainframe, 44. uncover

45. di_____e to the associate *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
46. dogged per_____nce *n.* steadfastness in doing something despite difficulty or delay in achieving success
47. stubborn dis_____er *n.* a person who does not believe in something, such as a religion or idea
48. college ye_____ok *n.* a book published annually by a school, college, or other organization featuring photographs and records of the previous year's events and the individuals involved in them
49. at__c space *n.* a space or area, typically bounded by a roof and walls in a house that is located immediately below the roof; often used for storage or as an additional living space
50. ye_____ok photography *n.* a book published annually by a school, college, or other organization featuring photographs and records of the previous year's events and the individuals involved in them
51. typ_____er keys *n.* a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over
52. electronic bla_____rd *n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk

ANSWERS: 45. dictate, 46. perseverance, 47. disbeliever, 48. yearbook, 49. attic, 50. yearbook, 51. typewriter, 52. blackboard

53. te____s routine *adj.* tiresome or boring because of being repetitive, dull, or too long; causing mental or physical fatigue due to its unrelenting nature
54. mic_____sor chip *n.* a computer component containing all the functions of the central processing unit
55. su____ct one from the total *v.* to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
56. tra_____ing technology *adj.* pioneering; innovative; the action of blazing a trail or creating a path for others to follow

ANSWERS: 53. tedious, 54. microprocessor, 55. subtract, 56. trailblazing

Session 3: Fill in the Blanks

1. He often traveled abroad alone when he was in high _____.
n. a student who attends a school
2. The country _____ the war heroes on Memorial Day.
v. to honor the memory of someone or something by ceremony or tribute
3. The bishop performed the _____ of consecration for the new church.
n. a formal or ceremonial act or set of acts performed in a traditional or prescribed way; a religious or spiritual ceremony or practice
4. People in the area were forced to _____ a taxi due to the lack of public transportation options.
v. to call out to someone to get their attention, often from a distance; to greet or welcome someone, especially with enthusiasm or admiration; (noun) precipitation in the form of small balls or lumps of ice that fall from the sky
5. IBM has consistently been a significant supplier of _____ for a long time.
n. a large and powerful computer with a lot of memory used primarily by large organizations for critical applications
6. I need to _____ the manuscript before sending it to the publisher.
v. to arrange and format text or material for printing, typically in a specified font, size, and layout; to compose or arrange written material in a particular style or format for publication
7. Despite the evidence, she remained a _____ in the theory of evolution.
n. a person who does not believe in something, such as a religion or idea

ANSWERS: 1. schooler, 2. commemorated, 3. rite, 4. hail, 5. mainframes, 6. typeset, 7. disbeliever

8. The allies _____ the terms of surrender to the country.
- v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
9. The teacher asked me to rub out the _____.
- n.* a large board made of a smooth, usually dark-colored slate attached to a wall used by teachers in schools for writing on with chalk
10. As a result of improvements in _____ performance, many consumer electronics products are now Internet-connected.
- n.* a computer component containing all the functions of the central processing unit
11. I need to _____ the cost of my expenses from my income to see how much money I have left.
- v.* to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
12. The work of data entry can be _____ but it is important for maintaining accurate records.
- adj.* tiresome or boring because of being repetitive, dull, or too long; causing mental or physical fatigue due to its unrelenting nature
13. I found an old photo album in the spacious _____ filled with pictures of my grandparents when they were young.
- n.* a space or area, typically bounded by a roof and walls in a house that is located immediately below the roof; often used for storage or as an additional living space
14. The _____ of Greek gods and goddesses is well-known throughout Western culture.
- n.* a temple dedicated to all the gods or goddesses of a particular religion or mythology; a group of something or someone that is remarkably respected, famous, or important

ANSWERS: 8. dictated, 9. blackboard, 10. microprocessor, 11. subtract, 12. tedious, 13. attic, 14. pantheon

15. She needs to _____ the interview recording to write the article for the magazine.
- v.* to copy or reproduce something in written or printed form; to translate spoken language into written text
16. Billionaires tend to _____ private funds on a public undertaking.
- v.* to use or spend time, money, energy, etc.
17. I still like flipping through my high school _____ to remember old friends.
- n.* a book published annually by a school, college, or other organization featuring photographs and records of the previous year's events and the individuals involved in them
18. I found an old _____ at a thrift store and used it to write my novel.
- n.* a mechanical device used for writing, consisting of type keys that, when pressed, imprint ink onto paper or other writing material, mainly used before modern computers, printers, and word processors took over
19. Despite facing numerous setbacks and obstacles, his _____ and determination led him to success.
- n.* steadfastness in doing something despite difficulty or delay in achieving success
20. 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
21. The _____ scientist paved the way for future research in the field.
- adj.* pioneering; innovative; the action of blazing a trail or creating a path for others to follow

ANSWERS: 15. transcribe, 16. expend, 17. yearbook, 18. typewriter, 19. perseverance, 20. confer, 21. trailblazing

22. The electrical _____ ensured a secure connection between the wires.
- n.* a device or mechanism used to connect two things, particularly in machinery or equipment, to enable them to function together or transmit energy or signals between them
23. He was known to be very _____ and would often work late into the night.
- adj.* hardworking, diligent, and persistent in effort
24. I often waste a lot of time _____.
- n.* the act of thinking about something that you would prefer to be doing or have happened to you
25. The audience _____ when the magician made the rabbit disappear from the hat.
- v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
26. Rome's _____ gets busy in peak season.
- n.* (also "coliseum") a large amphitheater (= an open-air venue used for entertainment, performances, and sports) in Rome whose construction was begun by Vespasian about AD 75 or 80
27. An increase in employment helps _____ economic growth.
- v.* to move, drive or push something forward or in a particular direction, often with a lot of force
28. He continued his investigation and soon _____ another crime.
- v.* to remove the cover from something; to discover something previously unseen or hidden

ANSWERS: 22. coupler, 23. industrious, 24. daydreaming, 25. gasped, 26. Colosseum, 27. propel, 28. uncovered

ANSWERS: