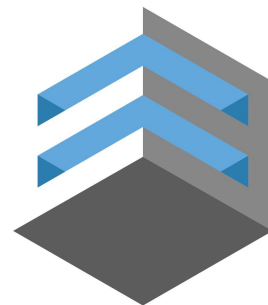


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Vocabulary Builder Reference from...

Chieko Asakawa: How new technology helps blind people explore the world | TED Talk

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

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

smartphone

n. a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict
Internet traffic volumes have increased significantly with the advent of **smartphones**.

Braille

n. a system of raised dots that are used by people who are blind or visually impaired to read and write consisting of one to six dots arranged in a specific pattern that represents letters, numbers, punctuation, and other symbols

(1) **Braille** alphabet, (2) **Braille** system

The museum provided **Braille** labels for visually impaired visitors.

ignite

v. to set on fire; to cause to start burning

synonym: light, set fire to, ignite

(1) **ignite** a boom, (2) **ignite** passion

He **ignited** the fireworks with a single spark.

impair

v. to damage something or make it weaker or worse

synonym: degrade, mar, deface

(1) **impair** my health, (2) **impair** insulin sensitivity

The accident made his vision **impaired**.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

astonished

adj. extremely surprised and upset

synonym : amazed, dumbfounded, flabbergasted

(1) **astonished** at the success, (2) cast **astonished** eyes

She was **astonished** by the news and could hardly believe it.

synthesize

v. to combine a substance to make a more complex product or compound

synonym : incorporate, amalgamate

(1) **synthesize** molecules, (2) **synthesize** information

The spider can **synthesize** multiple different silk proteins.

cyber

adj. relating to or involving computers, computer networks, or virtual reality

synonym : digital, computer, Internet

(1) **cyber** bullying, (2) **cyber** crime

Cyber espionage between countries can have serious consequences.

app

n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

synonym : application, software

(1) killer **app**, (2) cannot log in to the **app**

The discovery of a critical bug caused the company to delay the **app's** release.

congratulation

n. the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another

synonym : praise, compliment, felicitation

(1) **congratulation** on a promotion, (2) a matter for **congratulation**

The **congratulations** from her friends and family were overwhelming after she won the championship.

almond

n. a type of nut that comes from the almond tree widely cultivated for its edible seeds, which is enclosed in a hard, ridged outer casing called a shell, that can be eaten raw or roasted and is often used in baking and as an ingredient in various dishes

synonym : nut, kernel, seed

(1) **almond** milk, (2) **almond** butter

I love snacking on **almonds** for a healthy and delicious snack.

beacon

n. a light or other visible object serving as a signal, guide, or warning

synonym : lighthouse, guidepost, marker

(1) an aerial **beacon**, (2) **beacon** of hope

The lighthouse served as a **beacon** to guide ships safely into port.

outdo

v. to do better than someone; to surpass

synonym : excel, surpass, outshine

(1) **outdo** him in trickery, (2) **outdo** the competition

He tried to **outdo** his rival by breaking the world record.

whisper

v. to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you

synonym : murmur, rumor, mutter

(1) answer in a **whisper**, (2) the **whisper** of the leaves

He took me aside and **whispered** in my ear.

augment

v. to increase the size, extent, quantity, etc. of something by adding something to it

synonym : boost, increase, expand

(1) **augment** the reality, (2) **augment** immunity

Economic factors and monetary policy **augmented** inflation.

pathfinder

n. a person or thing that leads the way or explores new territory; someone who finds or discovers a new route or method; a person or vehicle used to navigate or explore unfamiliar or dangerous areas

synonym : trailblazer, pioneer, explorer

(1) adventurous **pathfinder**, (2) a **pathfinder** in the tech industry

The company's new **pathfinder** project explores new ways to use renewable energy.

Session 2: Spelling

1. cy__r crime *adj.* relating to or involving computers, computer networks, or virtual reality
2. be___n of hope *n.* a light or other visible object serving as a signal, guide, or warning
3. al___d butter *n.* a type of nut that comes from the almond tree widely cultivated for its edible seeds, which is enclosed in a hard, ridged outer casing called a shell, that can be eaten raw or roasted and is often used in baking and as an ingredient in various dishes
4. a matter for con_____ion *n.* the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another
5. answer in a wh_____r *v.* to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you
6. cannot log in to the a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
7. ig___e a boom *v.* to set on fire; to cause to start burning
8. a pat_____er in the tech industry *n.* a person or thing that leads the way or explores new territory; someone who finds or discovers a new route or method; a person or vehicle used to navigate or explore unfamiliar or dangerous areas

ANSWERS: 1. cyber, 2. beacon, 3. almond, 4. congratulation, 5. whisper, 6. app, 7. ignite, 8. pathfinder

- | | | |
|--------------------------------|------|--|
| 9. syn_____ze molecules | v. | to combine a substance to make a more complex product or compound |
| 10. Br_____e alphabet | n. | a system of raised dots that are used by people who are blind or visually impaired to read and write consisting of one to six dots arranged in a specific pattern that represents letters, numbers, punctuation, and other symbols |
| 11. ou__o him in trickery | v. | to do better than someone; to surpass |
| 12. cy__r bullying | adj. | relating to or involving computers, computer networks, or virtual reality |
| 13. au_____t the reality | v. | to increase the size, extent, quantity, etc. of something by adding something to it |
| 14. op_____ne occasion | adj. | suitable or happening at a time that is suitable or convenient for a particular purpose |
| 15. im___r my health | v. | to damage something or make it weaker or worse |
| 16. ou__o the competition | v. | to do better than someone; to surpass |
| 17. syn_____ze information | v. | to combine a substance to make a more complex product or compound |
| 18. an aerial be___n | n. | a light or other visible object serving as a signal, guide, or warning |
| 19. ast_____ed at the success | adj. | extremely surprised and upset |
| 20. ig___e passion | v. | to set on fire; to cause to start burning |
| 21. im___r insulin sensitivity | v. | to damage something or make it weaker or worse |

ANSWERS: 9. synthesize, 10. Braille, 11. outdo, 12. cyber, 13. augment, 14. opportune, 15. impair, 16. outdo, 17. synthesize, 18. beacon, 19. astonished, 20. ignite, 21. impair

22. the wh_____r of the leaves *v.* to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you
23. con_____ion on a promotion *n.* the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another
24. cast ast_____ed eyes *adj.* extremely surprised and upset
25. Br_____e system *n.* a system of raised dots that are used by people who are blind or visually impaired to read and write consisting of one to six dots arranged in a specific pattern that represents letters, numbers, punctuation, and other symbols
26. al____d milk *n.* a type of nut that comes from the almond tree widely cultivated for its edible seeds, which is enclosed in a hard, ridged outer casing called a shell, that can be eaten raw or roasted and is often used in baking and as an ingredient in various dishes
27. au_____t immunity *v.* to increase the size, extent, quantity, etc. of something by adding something to it
28. adventurous pat_____er *n.* a person or thing that leads the way or explores new territory; someone who finds or discovers a new route or method; a person or vehicle used to navigate or explore unfamiliar or dangerous areas

ANSWERS: 22. whisper, 23. congratulation, 24. astonished, 25. Braille, 26. almond, 27. augment, 28. pathfinder

29. sma_____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
30. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
31. sma_____ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
32. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

ANSWERS: 29. smartphone, 30. opportune, 31. smartphone, 32. app

Session 3: Fill in the Blanks

1. The _____ from her friends and family were overwhelming after she won the championship.
n. the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another
2. She was _____ by the news and could hardly believe it.
adj. extremely surprised and upset
3. He _____ the fireworks with a single spark.
v. to set on fire; to cause to start burning
4. The lighthouse served as a _____ to guide ships safely into port.
n. a light or other visible object serving as a signal, guide, or warning
5. He took me aside and _____ in my ear.
v. to speak very quietly to somebody using the breath rather than the voice so that only those close to you can hear you
6. _____ espionage between countries can have serious consequences.
adj. relating to or involving computers, computer networks, or virtual reality
7. I love snacking on _____ for a healthy and delicious snack.
n. a type of nut that comes from the almond tree widely cultivated for its edible seeds, which is enclosed in a hard, ridged outer casing called a shell, that can be eaten raw or roasted and is often used in baking and as an ingredient in various dishes

ANSWERS: 1. congratulations, 2. astonished, 3. ignited, 4. beacon, 5. whispered, 6. Cyber, 7. almonds

8. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
9. Internet traffic volumes have increased significantly with the advent of _____.
n. a mobile phone that functions as a computer and connects to the Internet
10. The accident made his vision _____.
v. to damage something or make it weaker or worse
11. The spider can _____ multiple different silk proteins.
v. to combine a substance to make a more complex product or compound
12. The company's new _____ project explores new ways to use renewable energy.
n. a person or thing that leads the way or explores new territory; someone who finds or discovers a new route or method; a person or vehicle used to navigate or explore unfamiliar or dangerous areas
13. The discovery of a critical bug caused the company to delay the _____ release.
n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
14. The museum provided _____ labels for visually impaired visitors.
n. a system of raised dots that are used by people who are blind or visually impaired to read and write consisting of one to six dots arranged in a specific pattern that represents letters, numbers, punctuation, and other symbols
15. Economic factors and monetary policy _____ inflation.
v. to increase the size, extent, quantity, etc. of something by adding something to it

ANSWERS: 8. opportune, 9. smartphones, 10. impaired, 11. synthesize, 12. pathfinder, 13. app's, 14. Braille, 15. augmented

16. He tried to _____ his rival by breaking the world record.

v. to do better than someone; to surpass

ANSWERS: 16. outdo