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Vocabulary Builder Reference from...

Fabian Hemmert: The shape-shifting future of the mobile phone | TED Talk https://www.ted.com/talks/fabian_hemmert_the_shap e_shifting_future_of_the_mobile_phone



All Words

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Session 1: Word List

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adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym: numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature Sensors convert physical phenomena into **digital** signals.

grasp

- v. to take hold of something or someone quickly and firmly synonym: grab, clasp, grip
- grasp his hand, (2) grasp a chance
 They spent a lot of time trying to grasp the current situation.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym: buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

virtual

adj. being actually such in almost every respect; existing in essence or effect though not in actual fact

synonym: practical

(1) a **virtual** image, (2) trading of **virtual** currencies She is the **virtual** president of the company.

smartphone

- 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**.

bodily

adj. relating to the body; physical or corporeal synonym: physical, corporeal, material

(1) bodily functions, (2) bodily harmHe suffered from bodily injuries after the car accident.

tendency

 an inclination or predisposition towards a particular behavior, attitude, or course of action; a natural or prevailing tendency or characteristic

synonym: inclination, propensity, proclivity

- (1) economic **tendency**, (2) curious **tendency**There is a growing **tendency** among young people to prioritize experiences over material possessions.
- v. to make a choice from a range of possibilities synonym: choose, select, pick
- (1) **opt** out of society, (2) **opt** for a traditional wedding I decided to **opt** for premature retirement.
- a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym: abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**The **mass** of people who do not own property is politically impotent.

opt

mass

sensitive

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

synonym: exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin The teacher is very **sensitive** to children's feelings.

shifting

adj. constantly changing or moving *synonym*: unfirm, shifty, fluctuating

(1) **shifting** balance, (2) continuously **shifting** landscape Trends in the fashion industry are so **shifting** that it is challenging to keep up with them.

shift

- a slight transition in position, direction, or trendsynonym: transition, change, modification
- (1) Doppler **shift**, (2) major paradigm **shift** Could you help me **shift** some furniture?

gravitational

adj. relating to or caused by gravity (= the force that attracts objects towards one another)

synonym: weighty, heavy, earthbound

(1) **gravitational** energy, (2) **gravitational** waves

The **gravitational** force of the black hole was so strong that nothing, not even light, could escape.

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.

display

v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

synonym: show, exhibit, present

(1) display merchandise, (2) display artwork

We need to **display** our products in an attractive way to attract customers.

device

 a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

navigation

n. the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority

synonym: sailing, seafaring, pilotage

(1) navigation system, (2) visual navigation

The plane's **navigation** system had problems, which mechanics found.

download

v. to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

synonym: load, save, transfer

(1) **download** files from the Internet, (2) **download** the assignment from the website

I need to **download** the latest update for my computer's operating system.

harry

v. to persistently harass, badger, or bother someone or something; to persistently attack or pursue an opposing force or target

synonym: bother, pester, annoy

(1) **harry** the ship all night, (2) **harry** a suspect I need to **harry** my coworkers to finish the project on time.

potter

a person who makes pottery, objects that are made of clay and then fired in a kiln to make them hard and durable; (verb, also putter) to occupy oneself in a leisurely or casual way, often with no particular goal or aim in mind

synonym: shape, form, mold

(1) **potter's** studio, (2) **potter** around in the garden The ancient Egyptians were skilled **potters** and left behind many beautiful artifacts.

lean

- adj. having a noticeably small amount of body fat; (verb) to bend or move from a straight to a sloping posture synonym: skinny, slender, (verb) slant
- (1) a **lean** horse, (2) **lean** athletic figure **Lean** operational improvements often lead to better environmental performance.

taper

to become or cause something to become gradually narrower at one end

synonym: decrease, dwindle, diminish

(1) taper the medication slowly, (2) taper the dose down Most of the tree trunks **taper** toward the top.

downside

the negative aspects or consequences of something; the n. potential for loss or failure

synonym: drawback, negative, disadvantage

(1) major downside, (2) downside of globalization The **downside** of the new policy was that it would be more expensive for customers.

adjust

to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.

synonym: adapt, alter, acclimate

(1) adjust a schedule, (2) adjust the rearview mirror You have to **adjust** your content to the age of the audience.

alarm

 a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger

synonym: notice, warning, panic

(1) give the alarm, (2) an alarm clock

The **alarm** announcing an enemy attack went off this morning.

fairly

adv. to a certain extent or degree; without favoring one party in an evenhanded manner

synonym: moderately, reasonably, pretty

(1) **fairly** accurate, (2) have a **fairly** clear view He deals **fairly** with his employees.

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.

operate

- v. to work in a particular way; to supervise something synonym: work, use, employ
- (1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

empathy

n. the ability to share another person's feelings or experiences by imagining that person's situation

synonym: compassion, sympathy, tenderness

(1) full of **empathy**, (2) **empathy** for patients

Empathy is also necessary to understand history.

intuitive

adj. obtained through feelings rather than facts or proof synonym: involuntary, instinctive, innate

(1) intuitive eating, (2) intuitive judgment

I had an **intuitive** feeling that I might be pregnant.

hamster

 a small, furry rodent commonly kept as a pet; often used in research laboratories due to their small size and ease of handling

synonym: gerbil, guinea pig, mouse

(1) hamster wheel, (2) pet hamster

It's important to clean your **hamster's** cage frequently to ensure their health and comfort.

breath

the air that is taken into and expelled from your lungs;
 the process of taking into and expelling air from your lungs

synonym: air, puff, whiff

(1) hold your breath, (2) breath of wind

He bated his **breath** when talking about this affair.

heartbeat

 the regular movement or sound of the heart as it sends blood around the body; an animating or vital unifying force

synonym: beat, pulse, force

(1) **heartbeat** abnormality, (2) a pounding **heartbeat**New York is the commercial **heartbeat** of America.

organic

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

synonym: biological

(1) organic soils, (2) eat organic food

The kidney is an **organic** component of the body.

relax

v. to become or cause someone to become less active or tense and calmer

synonym: soften, comfort, soothe

(1) relax a series of muscles, (2) relax at home

The rules were **relaxed** after the new executive arrived.

exciting

adj. causing a lot of interest or excitement synonym: exhilarating, stimulating, thrilling

(1) exciting football player, (2) exciting news

The findings of the experiment were both **exciting** and unexpected.

calm

adj. not excited, angry, or nervous; free from wind, large waves

synonym: quiet, peaceful, tranquility

(1) calm sea, (2) calm manner

It was the first time in a long time that I felt truly **calm** and at peace.

pat

v. to touch or tap something lightly and usually in a friendly or encouraging manner; to apply or rub lightly and repetitively

synonym: tap, stroke, caress

(1) pat on the back, (2) pat a dog

She **patted** the puppy on the head and gave it a treat.

postulate

v. to suggest or assume the existence, truth, or necessity of something, typically as a basis for reasoning or further investigation

synonym: posit, hypothesize, assume

(1) **postulate** a theory, (2) **postulate** an argument Scientists **postulate** that gravity plays a major role in the universe's formation.

Session 2: Spelling

- 1. trading of vi____I currencies
- 2. c m sea
- 3. ptadog
- 4. hu____g sound
- 5. br___h of wind
- 6. eat or___c food
- 7. a di____I watch
- 8. al nhorse
- 9. a m s of molten rock

- adj. being actually such in almost every respect; existing in essence or effect though not in actual fact
- adj. not excited, angry, or nervous; free from wind, large waves
- v. to touch or tap something lightly and usually in a friendly or encouraging manner; to apply or rub lightly and repetitively
- adj. producing a continuous, low, vibrating sound like that of the bee
- the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
- adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
- adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
- adj. having a noticeably small amount of body fat; (verb) to bend or move from a straight to a sloping posture
- a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 1. virtual, 2. calm, 3. pat, 4. humming, 5. breath, 6. organic, 7. digital, 8. lean, 9. mass

n.	the ability to share another person's feelings or experiences by imagining that person's situation
n.	a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
n.	the negative aspects or consequences of something; the potential for loss or failure
n.	an inclination or predisposition towards a particular behavior, attitude, or course of action; a natural or prevailing tendency or characteristic
adj.	obtained through feelings rather than facts or proof
n.	the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority
adj.	causing a lot of interest or excitement
adj.	able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
ν.	to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
	n. n. adj. adj.

ANSWERS: 10. empathy, 11. device, 12. downside, 13. tendency, 14. intuitive, 15. navigation, 16. exciting, 17. sensitive, 18. display

19.	adt a schedule	v.	to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.
20.	exng news	adj.	causing a lot of interest or excitement
21.	smane addict	n.	a mobile phone that functions as a computer and connects to the Internet
22.	adt the rearview mirror	ν.	to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.
23.	tar the dose down	<i>v</i> .	to become or cause something to become gradually narrower at one end
24.	manually ope a machine	<i>v</i> .	to work in a particular way; to supervise something
25.	visual navon	n.	the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority
26.	gr_p a chance	v.	to take hold of something or someone quickly and firmly
27.	inve eating	adj.	obtained through feelings rather than facts or proof
28.	smane app developer	n.	a mobile phone that functions as a computer and connects to the Internet
29.	granal waves	adj.	relating to or caused by gravity (= the force that attracts objects towards one another)

ANSWERS: 19. adjust, 20. exciting, 21. smartphone, 22. adjust, 23. taper, 24. operate, 25. navigation, 26. grasp, 27. intuitive, 28. smartphone, 29. gravitational

ANSWERS: 30. relax, 31. postulate, 32. empathy, 33. device, 34. download, 35. heartbeat, 36. heartbeat, 37. postulate

typically as a basis for reasoning or

further investigation

a slight transition in position, direction, 38. major paradigm sh t n. or trend 39. ha r wheel a small, furry rodent commonly kept as a pet; often used in research laboratories due to their small size and ease of handling 40. gra____nal energy adj. relating to or caused by gravity (= the force that attracts objects towards one another) 41. ha__y a suspect to persistently harass, badger, or bother someone or something; to persistently attack or pursue an opposing force or target adj. having a noticeably small amount of 42. I n athletic figure body fat; (verb) to bend or move from a straight to a sloping posture to touch or tap something lightly and 43. p_t on the back usually in a friendly or encouraging manner; to apply or rub lightly and repetitively adj. not excited, angry, or nervous; free from 44. c m manner wind, large waves 45. an al m clock a loud noise or an automatic signal that warns people of danger; a device that signals the occurrence of some undesirable event or particular danger 46. do ad files from the Internet to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

ANSWERS: 38. shift, 39. hamster, 40. gravitational, 41. harry, 42. lean, 43. pat, 44. calm, 45. alarm, 46. download

an inclination or predisposition towards 47. economic te cy n. a particular behavior, attitude, or course of action; a natural or prevailing tendency or characteristic 48. continuously sh ng landscape adj. constantly changing or moving 49. op____e 24 hours a day to work in a particular way; to supervise ν. something 50. fa___y accurate adv. to a certain extent or degree; without favoring one party in an evenhanded manner (abbreviation for application) software 51. killer a p designed to run on smartphones and other mobile devices or inside a web browser on a PC to make a choice from a range of 52. o t out of society ν. possibilities 53. re_x a series of muscles to become or cause someone to ν. become less active or tense and calmer 54. hu g bird adj. producing a continuous, low, vibrating sound like that of the bee 55. cannot log in to the a p (abbreviation for application) software n. designed to run on smartphones and other mobile devices or inside a web browser on a PC 56. o t for a traditional wedding to make a choice from a range of possibilities 57. po r around in the garden a person who makes pottery, objects n. that are made of clay and then fired in a

ANSWERS: 47. tendency, 48. shifting, 49. operate, 50. fairly, 51. app, 52. opt, 53. relax, 54. humming, 55. app, 56. opt, 57. potter

kiln to make them hard and durable:

particular goal or aim in mind

(verb, also putter) to occupy oneself in a leisurely or casual way, often with no

a slight transition in position, direction, 58. Doppler sh t n. or trend a loud noise or an automatic signal that 59. give the al m warns people of danger; a device that signals the occurrence of some undesirable event or particular danger 60. or____c soils adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals 61. se____ve documents adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do 62. di____I electronic signature adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet 63. au t immunity to increase the size, extent, quantity, etc. of something by adding something to it 64. hold your br h the air that is taken into and expelled n. from your lungs; the process of taking into and expelling air from your lungs a small, furry rodent commonly kept as 65. pet ha____r a pet: often used in research laboratories due to their small size and ease of handling a large amount of a substance with no 66. critical m s n. definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 58. shift, 59. alarm, 60. organic, 61. sensitive, 62. digital, 63. augment, 64. breath, 65. hamster, 66. mass

- 67. have a fa___y clear view
- 68. sh____ng balance
- 69. di___y merchandise
- 70. ta_r the medication slowly
- 71. gr_p his hand
- 72. po___r's studio

- 73. bo___y harm
- 74. ha__y the ship all night
- 75. au___t the reality
- 76. bo___y functions
- 77. do de of globalization

- adv. to a certain extent or degree; without favoring one party in an evenhanded manner
- adj. constantly changing or moving
- v. to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
- v. to become or cause something to become gradually narrower at one end
- v. to take hold of something or someone quickly and firmly
- n. a person who makes pottery, objects
 that are made of clay and then fired in a
 kiln to make them hard and durable;
 (verb, also putter) to occupy oneself in a
 leisurely or casual way, often with no
 particular goal or aim in mind
- adj. relating to the body; physical or corporeal
- v. to persistently harass, badger, or bother someone or something; to persistently attack or pursue an opposing force or target
- to increase the size, extent, quantity, etc. of something by adding something to it
- adj. relating to the body; physical or corporeal
- the negative aspects or consequences of something; the potential for loss or failure

ANSWERS: 67. fairly, 68. shifting, 69. display, 70. taper, 71. grasp, 72. potter, 73. bodily, 74. harry, 75. augment, 76. bodily, 77. downside

78. a vi____I image

adj. being actually such in almost every respect; existing in essence or effect though not in actual fact

ANSWERS: 78. virtual

Session 3: Fill in the Blanks

	The findings of the experiment were both and unexpected. causing a lot of interest or excitement
2.	It's important to clean your cage frequently to ensure their health and comfort.
n.	a small, furry rodent commonly kept as a pet; often used in research laboratories due to their small size and ease of handling
3.	Trends in the fashion industry are so that it is challenging to keep up with them.
adj	constantly changing or moving
	He deals with his employees. to a certain extent or degree; without favoring one party in an evenhanded manner
5.	The plane's system had problems, which mechanics found.
n.	the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority
6.	He suffered from injuries after the car accident.
adj	relating to the body; physical or corporeal
7. v.	She the puppy on the head and gave it a treat. to touch or tap something lightly and usually in a friendly or encouraging manner; to apply or rub lightly and repetitively
AN: pati	SWERS: 1. exciting, 2. hamster's, 3. shifting, 4. fairly, 5. navigation, 6. bodily, 7.

ANSWERS: 8. shift, 9. humming, 10. augmented, 11. sensitive, 12. breath, 13. taper, 14. download, 15. heartbeat

ANSWERS: 16. Lean, 17. downside, 18. harry, 19. calm, 20. adjust, 21. organic, 22.

gravitational, 23. virtual

Vocab-Builder Ref from "Fabian Hemmert: The shape-shifting future of the mobile phone | TED Talk" (39 words)

ANSWERS: 32. digital, 33. grasp, 34. app's, 35. alarm, 36. relaxed, 37. device, 38.

operate, 39. mass

Vocab-Builder Ref from	"Fabian Hemmert: The shape-shifting future of the mobile phone \mid	TED Talk" (39 words)
ANSWERS:		