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Vocabulary Builder Reference from...

Dan Kwartler: What would happen if every human suddenly disappeared? | TED Talk https://www.ted.com/talks/dan_kwartler_what_would_happen_if_every_human_suddenly_disappeared



Advanced Words Only

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Session 1: Word List

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.

tundra

- n. a vast, treeless, and typically frozen plain in the Arctic regions, where the subsoil is permanently frozensynonym: arctic plain, permafrost, polar desert
- (1) the Siberian **tundra**, (2) **tundra** biome

The Arctic **tundra** is a vast and desolate landscape with few signs of life.

backfire

- v. to have an opposite and undesirable effect to what was intended; to make a sudden noise like an explosion
- synonym: recoil, boomerang, misfire
- (1) **backfire** big time, (2) **backfire** spectacularly

 The company's decision to lay off a large number of employees **backfired** as it led to a decrease in productivity.

refinery

 a facility that is used to process, purify, and refine raw materials such as oil or metal into a more useful or

valuable form

synonym: plant, factory, processing plant

(1) hydrogen **refinery**, (2) **refinery** operations

The oil **refinery** was shut down due to safety concerns after a major accident.

malfunction

to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

synonym: misfunction, break down, fail

(1) **malfunction** alarm, (2) **malfunction** and start moving unpredictably

The car's engine **malfunctioned** on the highway, so we had to call for a tow truck.

blaze

- v. to burst into flame or light up intensely; to move in a trailblazing manner; to shine brightly or conspicuously synonym: burn, flame, ignite
- (1) **blaze** a trail, (2) **blaze** with fury

The forest fire continued to **blaze** out of control, threatening nearby homes.

catastrophic

adj. extremely harmful; causing physical or financial destruction

synonym: fatal, disastrous, destructive

(1) victim of **catastrophic** injuries, (2) **catastrophic** climate change

The extinction rate of aquatic animals was catastrophic.

erode

v. to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time

synonym: wear away, deteriorate, corrode

(1) **erode** coast, (2) **erode** trust

The ongoing budget cuts have **eroded** the quality of education in many schools.

temperate

adj. mild or moderate in temperature or climate; exhibiting self-restraint, particularly about the consumption of food, drink, or other indulgences; showing moderation or restraint in behavior or attitude

synonym: moderate, mild, genial

- (1) **temperate** grassland, (2) **temperate** behavior The **temperate** climate of the region made it an ideal vacation spot.
- v. to become less rigid or hostile; to melt, soften, or become more friendly

synonym: melt, defrost, unfreeze

- (1) **thaw** out a glacier, (2) **thaw** relations between countries The sun was beginning to **thaw** the frozen ground.
- to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

synonym: surface, coat, cover

(1) **pave** a new path, (2) **pave** a smoother road They **paved** the courtyard with bricks, giving it a more polished appearance.

skyscraper

- n. a very tall building, typically one in a citysynonym: high-rise, tower
- (1) **skyscraper** apartment house, (2) steel-framed **skyscraper**

The 50-floor **skyscraper** loomed over the city, dwarfing the other buildings.

buckle

v. to bend out of shape, as under pressure or from heat; (noun) a device used for fastening two loose ends of a belt or strap

synonym: bend, crumple, contort

thaw

pave

(1) **buckle** down to study, (2) **buckle** shoe The severe heat wave **buckled** railway tracks.

tumble

v. to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

synonym: fall, stumble, plummet

(1) **tumble** down the hill, (2) confidence **tumbles** as unemployment rates rose

The value of the currency **tumbled** against major international currencies.

tributary

- n. a stream or river that flows into a larger one synonym: stream, branch, feeder
- (1) major tributary, (2) tributary streamThe tributary river flowed into the main river.

mold

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

synonym: cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy Mushrooms and **mold** are fungi.

rodent

 a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail

synonym: mouse, rat, hamster

(1) **rodent** repellent, (2) prevent **rodent** damage He set up a trap to catch the **rodent**.

infestation

 the presence or invasion of a large number of harmful or undesirable pests, parasites, or microorganisms in a specific area or host

synonym: plague, invasion, swarm

(1) **infestation** with a parasite, (2) flea **infestation**The hotel had an **infestation** of bed bugs, which required a professional exterminator.

rot

v. to decay, or cause something to decay, naturally and gradually

synonym: perish, decay, corrode

(1) begin to **rot**, (2) **rot** with age

Please refrigerate the meat, or it will **rot**.

sag

 to droop or hang down, especially due to a lack of support or the weight of something

synonym: droop, slump, bend

(1) **sag** my jaw, (2) **sag** with fatigue

The old mattress **sagged** in the middle, making it uncomfortable to sleep on.

lizard

- a reptile that has a relatively long body, two pairs of legs, and a tapering tail
- (1) giant lizard, (2) lizard leather

The **lizard's** tail regenerates if severed.

hyacinth

 (also "jacinth") a fragrant flowering plant with clustered flowers that grow on a tall, spiky stem, typically in shades of blue, purple, or pink

synonym: jacinth

(1) hyacinth flower, (2) blue hyacinth

The beautiful purple **hyacinth** flowers bloomed every spring in the garden.

poisonous

 adj. containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction

synonym: toxic, venomous, deadly

(1) **poisonous** plants, (2) **poisonous** chemicals

Some species of **poisonous snakes** can be deadly to

humans if bitten.

hogweed

 a large, invasive plant species with toxic sap that can cause severe skin irritation, blistering, and scarring; other toxic plant species in the same family called Apiaceae

synonym: cow parsnip, wild parsnip

(1) spread of **hogweed** in the local ecosystem, (2) invasive **hogweed**

The hiker got a severe rash after accidentally brushing against a giant **hogweed** plant.

overgrow

- v. to grow or thrive over so as to cover with herbage synonym: overrun, choke, overwhelm
- (1) **overgrow** neighboring corals, (2) aquatic plants **overgrow**

Weeds **overgrow** throughout the garden.

crumble

- v. to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support
 synonym: disintegrate, collapse, deteriorate
- (1) **crumble** to dust, (2) began to **crumble** under financial pressure

The old building was starting to **crumble** due to years of neglect and lack of maintenance.

plummet

v. to fall or drop suddenly and steeply; to decline rapidly or sharply

synonym: drop, plunge, fall

(1) **plummeting** sales, (2) **plummet** against other major currencies

The stock prices have **plummeted** in the last hour, causing concern for investors.

unchecked

adj. not restrained or controlled; not examined or scrutinized;allowed to proceed without restraint or interference

synonym: uncontrolled, unrestrained, unbridled

(1) unchecked ambition, (2) unchecked growth
The unchecked spread of the virus led to a nationwide outbreak.

leftover

adj. not consumed or used at the end of somethingsynonym: extra, residual, unused

(1) **leftover** from a party, (2) **leftover** goods

The chef will make soup with the **leftover** ham bone.

doom

 death, destruction, or some other terrible situation that cannot be avoided

synonym: judgment, destiny, fate

(1) economic **doom**, (2) prophet of **doom**

Everyone was aware of the impending **doom** but was unable to prevent it.

domesticate

v. to take control of animals or plants to provide food, power, or company

synonym: tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant We **domesticate** cows to gain milk and meat.

resourceful

adj. showing creativity and ability to find quick and practical solutions to problems

synonym: inventive, imaginative, clever

(1) **resourceful** thinker, (2) **resourceful** cook in town
She was **resourceful** and found a solution to the problem on her own.

converse

v. to talk informally

synonym: discourse, discuss, exchange

(1) **converse** with an acquaintance, (2) ask a **converse** question

She enjoyed the opportunity to **converse** with a person who spoke her language.

disrupt

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym: interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep I'm so sorry to **disrupt** you when you're pretty busy.

mosquito

 a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

synonym: insect, bug, flea

(1) mosquito bite, (2) mosquito repellent

A stagnant water area are breeding ground for **mosquitos**.

endlessly

adv. in a way that continues for a long time or seems to have no end or limit

synonym: ceaselessly, interminably, unceasingly

(1) repeat **endlessly**, (2) worry **endlessly** about our future The procession of demonstrators was **endlessly** continuing.

human-made

adj. created or produced by humans; artificial *synonym*: artificial, unnatural, manufactured

(1) **human-made** climate change, (2) the worst **human-made** disaster

The bridge is a **human-made** structure and was built to span the river.

fauna

n. the animal life of a particular region, habitat, or geological period

synonym: wildlife, creatures, animals

(1) the tropical **fauna**, (2) **fauna** reserve

The national park is home to a diverse **fauna** of animal

species.

flourish

 ν . to grow or develop vigorously or successfully

synonym: boom, advance, succeed

(1) flourish economically, (2) flourish worldwide

The Ottoman Empire **flourished** for over five centuries.

unyielding

 adj. rigid or inflexible in attitude, behavior, or opinion; not willing to compromise or change; resistant to pressure or persuasion

synonym: adamant, stubborn, inflexible

(1) **unyielding** determination, (2) **unyielding** resistance The **unyielding** negotiations led to a stalemate between the two countries.

recognizable

adj. easy to become aware of or identify *synonym*: noticeable, perceptible, definite

(1) to a **recognizable** degree, (2) **recognizable** landmark His car was easily **recognizable** in the parking lot.

bury

- v. to place a dead body in the ground, grave, or tomb synonym: entomb, sink, forget
- (1) **bury** in the earth, (2) **bury** emotion There is plenty of space to **bury** everyone.

remnant

 a small remaining quantity of something, considered separately from what has been lost or destroyed; a surviving piece or fragment of something

synonym: remainder, leftover, residue

(1) **remnant** of the past, (2) **remnants** of fabric The only **remnant** left of the ancient civilization was the crumbling ruins of their temples.

floodplain

 an area of flat land adjacent to a river or stream that is subject to periodic flooding

synonym: lowland, swamp, delta

(1) **floodplain** area, (2) **floodplain** management

The town was built on a **floodplain**, making it vulnerable to natural disasters.

Session 2: Spelling

1.	aquatic plants ovow	<i>v</i> .	to grow or thrive over so as to cover with herbage
2.	leer goods	adj.	not consumed or used at the end of something
3.	cre to dust	<i>v</i> .	to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support
4.	to a recble degree	adj.	easy to become aware of or identify
5.	victim of cathic injuries	adj.	extremely harmful; causing physical or financial destruction
6.	by emotion	<i>v</i> .	to place a dead body in the ground, grave, or tomb
7.	ble with fury	<i>v</i> .	to burst into flame or light up intensely; to move in a trailblazing manner; to shine brightly or conspicuously
8.	malon alarm	v.	to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
9.	pous chemicals	adj.	containing or producing toxic substances; harmful or dangerous to living beings, often causing illness, injury, or death; capable of causing serious harm or destruction
10.	ovow neighboring corals	<i>v</i> .	to grow or thrive over so as to cover with herbage

ANSWERS: 1. overgrow, 2. leftover, 3. crumble, 4. recognizable, 5. catastrophic, 6. bury, 7. blaze, 8. malfunction, 9. poisonous, 10. overgrow

11.	skyer apartment house	n.	a very tall building, typically one in a city
12.	floin area	n.	an area of flat land adjacent to a river or stream that is subject to periodic flooding
13.	a casting md	n.	a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
14.	hug bird	adj.	producing a continuous, low, vibrating sound like that of the bee
15.	spread of hod in the local ecosystem	n.	a large, invasive plant species with toxic sap that can cause severe skin irritation, blistering, and scarring; other toxic plant species in the same family called Apiaceae
16.	the worst humde disaster	adj.	created or produced by humans; artificial
17.	began to cre under financial pressure	<i>v</i> .	to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support
18.	pe a smoother road	ν.	to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
19.	confidence tues as unemployment rates rose	v.	to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance

ANSWERS: 11. skyscraper, 12. floodplain, 13. mold, 14. humming, 15. hogweed, 16. human-made, 17. crumble, 18. pave, 19. tumble

blue, purple, or pink

n.

(also "jacinth") a fragrant flowering plant

with clustered flowers that grow on a tall, spiky stem, typically in shades of

ANSWERS: 20. unyielding, 21. flourish, 22. resourceful, 23. endlessly, 24. thaw, 25. doom, 26. domesticate, 27. fauna, 28. disrupt, 29. disrupt, 30. hyacinth

30. blue hy th

death, destruction, or some other 31. economic d m n. terrible situation that cannot be avoided 32. flo____in management an area of flat land adjacent to a river or n. stream that is subject to periodic flooding 33. tr____ry stream a stream or river that flows into a larger n. one a small, gnawing mammal, such as a 34. prevent ro___t damage n. mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail 35. mo____to bite a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria a hollow container used to give shape 36. m d allergy n. to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long 37. un____ed growth adj. not restrained or controlled; not examined or scrutinized; allowed to proceed without restraint or interference to gradually wear away or break down 38. er e coast (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time to have an opposite and undesirable 39. ba re spectacularly ν. effect to what was intended: to make a

ANSWERS: 31. doom, 32. floodplain, 33. tributary, 34. rodent, 35. mosquito, 36. mold, 37. unchecked, 38. erode, 39. backfire

sudden noise like an explosion

ANSWERS: 40. poisonous, 41. refinery, 42. erode, 43. mosquito, 44. human-made, 45. blaze, 46. plummet, 47. converse, 48. converse, 49. domesticate

ANSWERS: 50. malfunction, 51. buckle, 52. rot, 53. lizard, 54. tundra, 55. temperate, 56. recognizable, 57. lizard, 58. sag, 59. infestation

parasites, or microorganisms in a

specific area or host

ANSWERS: 60. humming, 61. sag, 62. rot, 63. flourish, 64. leftover, 65. endlessly, 66. unyielding, 67. refinery, 68. temperate, 69. rodent

- 70. tu___e down the hill
- 71. b__y in the earth
- 72. bu___e shoe
- 73. re___t of the past
- 74. hy___th flower
- 75. res ul cook in town
- 76. the tropical fa__a
- 77. t w out a glacier
- 78. un____ed ambition

- v. to fall suddenly, often uncontrollably; to topple or turn over; to decline sharply and quickly in value, quality, or performance
- v. to place a dead body in the ground, grave, or tomb
- v. to bend out of shape, as under pressure or from heat; (noun) a device used for fastening two loose ends of a belt or strap
- a small remaining quantity of something, considered separately from what has been lost or destroyed; a surviving piece or fragment of something
- n. (also "jacinth") a fragrant flowering plant with clustered flowers that grow on a tall, spiky stem, typically in shades of blue, purple, or pink
- adj. showing creativity and ability to find quick and practical solutions to problems
- the animal life of a particular region, habitat, or geological period
- v. to become less rigid or hostile; to melt, soften, or become more friendly
- adj. not restrained or controlled; not examined or scrutinized; allowed to proceed without restraint or interference

ANSWERS: 70. tumble, 71. bury, 72. buckle, 73. remnant, 74. hyacinth, 75. resourceful, 76. fauna, 77. thaw, 78. unchecked

79.	steel-framed skyer	n.	a very tall building, typically one in a city
80.	rets of fabric	n.	a small remaining quantity of something, considered separately from what has been lost or destroyed; a surviving piece or fragment of something
81.	flea infon	n.	the presence or invasion of a large number of harmful or undesirable pests, parasites, or microorganisms in a specific area or host
82.	cathic climate change	adj.	extremely harmful; causing physical or financial destruction
83.	bare big time	ν.	to have an opposite and undesirable effect to what was intended; to make a sudden noise like an explosion
84.	pe a new path	ν.	to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
85.	major trry	n.	a stream or river that flows into a larger one
86.	plting sales	<i>v</i> .	to fall or drop suddenly and steeply; to decline rapidly or sharply
87.	invasive hod	n.	a large, invasive plant species with toxic sap that can cause severe skin irritation, blistering, and scarring; other toxic plant species in the same family called Apiaceae
88.	the Siberian tua	n.	a vast, treeless, and typically frozen plain in the Arctic regions, where the subsoil is permanently frozen

ANSWERS: 79. skyscraper, 80. remnant, 81. infestation, 82. catastrophic, 83. backfire, 84. pave, 85. tributary, 86. plummet, 87. hogweed, 88. tundra

Vocab-Builder Ref from	"Dan Kwartler: What would happe	en if every human suddenly c	disappeared? TED Talk" (44 words
ANSWERS:			

Session 3: Fill in the Blanks

1.	The old mattress in the middle, making it uncomfortable to sleep on.
<i>v</i> .	to droop or hang down, especially due to a lack of support or the weight of something
2.	I'm so sorry to you when you're pretty busy.
<i>v</i> .	to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
3.	The hiker got a severe rash after accidentally brushing against a giantplant.
n.	a large, invasive plant species with toxic sap that can cause severe skin irritation, blistering, and scarring; other toxic plant species in the same family called Apiaceae
4.	The sun was beginning to the frozen ground.
v.	to become less rigid or hostile; to melt, soften, or become more friendly
5.	The negotiations led to a stalemate between the two countries.
adj	rigid or inflexible in attitude, behavior, or opinion; not willing to compromise or change; resistant to pressure or persuasion
6.	The car's engine on the highway, so we had to call for a tow truck.
v.	to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
7.	Weeds throughout the garden.
ν.	to grow or thrive over so as to cover with herbage
	SWERS: 1. sagged, 2. disrupt, 3. hogweed, 4. thaw, 5. unyielding, 6. Ifunctioned, 7. overgrow

Vocab-Builder Ref from "Dan Kwartler: What would happen if every human suddenly disappeared? TED Talk" (44 words
24. The oil was shut down due to safety concerns after a major accident.n. a facility that is used to process, purify, and refine raw materials such as oil or metal into a more useful or valuable form
25. The stock prices have in the last hour, causing concern for investors.ν. to fall or drop suddenly and steeply; to decline rapidly or sharply
26. The extinction rate of aquatic animals was adj. extremely harmful; causing physical or financial destruction
27. He set up a trap to catch then. a small, gnawing mammal, such as a mouse, rat, or squirrel, that has sharp incisors and typically has a long, thin tail
 28. The company's decision to lay off a large number of employees as it led to a decrease in productivity. ν. to have an opposite and undesirable effect to what was intended; to make a sudden noise like an explosion
29. His car was easily in the parking lot. adj. easy to become aware of or identify
 30. A stagnant water area are breeding ground for n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
31. The spread of the virus led to a nationwide outbreak. adj. not restrained or controlled; not examined or scrutinized; allowed to proceed without restraint or interference
ANSWERS: 24. refinery, 25. plummeted, 26. catastrophic, 27. rodent, 28. backfired, 29. recognizable, 30. mosquitos, 31. unchecked