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Vocabulary Builder Reference from...

Johan Rockström: 10 years to transform the future of humanity -- or destabilize the planet | TED Talk https://www.ted.com/talks/johan_rockstrom_10_years_to_transform_the_future_of_humanity_or_destabilize_the_planet



Advanced Words Only

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Session 1: Word List

countdown

 a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline

synonym: timer

(1) **countdown** clock, (2) wedding **countdown**The **countdown** to launch began as the astronauts prepared for their mission.

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.

prosper

v. to be successful or thriving, especially financially; to grow and develop well; to flourish

synonym: thrive, flourish, succeed

(1) **prosper** in the long run, (2) **prosper** as a trading hub With careful planning and hard work, she was able to **prosper** in her new business venture.

transgress

v. to break the law or moral code; to go beyond or exceed the limits or boundaries of something

synonym: trespass, violate, infringe

(1) **transgress** boundaries, (2) **transgress** against the rules The company was fined for **transgressing** environmental regulations.

unstoppable

adj. impossible to stop or preventsynonym: unshakable, unyielding, relentless

(1) **unstoppable** force, (2) **unstoppable** momentum The team's winning streak was **unstoppable**.

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.

hemisphere

- n. half of the terrestrial globe; half of a sphere
- (1) northern hemisphere,(2) cerebral hemisphereThis weather pattern is unique to the southern hemisphere.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym: robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population She is a **resilient** person and has always bounced back from setbacks.

dampen

v. to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement

synonym: drench, moisten, saturate

(1) **dampen** the sound, (2) **dampen** the enthusiasm The rain helped **dampen** the flames of the campfire.

amplify

- v. to enhance something, particularly sound or brightness synonym: intensify, boost, argument
- (1) **amplify** a signal, (2) **amplify** the effect You might need to **amplify** this point.

destabilize

- v. to cause something to become less stable or secure synonym: unsettle, disrupt, upset
- (1) **destabilize** the market, (2) **destabilize** a good relationship

The political crisis **destabilized** the country and caused widespread turmoil.

disbelief

 the feeling of not being able to believe or accept that something is true or real

synonym: doubt, mistrust, incredulity

(1) **disbelief** in the authority, (2) ask in **disbelief** His reaction was one of complete **disbelief**.

deviate

- v. to depart from an established course or plan; to change direction or take a different route or approachsynonym: stray, diverge, veer
- (1) **deviate** from the norm, (2) **deviate** from the plan It's important not to **deviate** from the established safety procedures.

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**.

arctic

adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold

synonym: cold, frozen, polar

(1) arctic ice, (2) high arctic

Cold temperatures and long, dark winters characterize the **arctic** climate.

revisit

- v. to go to a place again, especially after a long period synonym: reexplore, review, reexamine
- (1) **revisit** a place, (2) **revisit** an old friend We need to **revisit** this proposal as soon as the budget is more apparent than before.

permafrost

- a layer of soil that is permanently below freezing, usually in polar regions
- (1) permafrost area, (2) thawing permafrostPermafrost is crucial to soil stability in arctic areas.

thaw

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.

plume

 a large feather or group of feathers worn as an ornament or a symbol of achievement or distinction, especially on a hat

synonym: feather, honor, token

(1) **plume** of smoke, (2) **plume** of feathers The bird had a beautiful **plume** on its head.

rainforest

- a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
- (1) **rainforest** destruction, (2) tropical **rainforest**The destruction of the **rainforest** is a ticking time bomb for the Earth.

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym: give off, radiate, expel

(1) emit a gamma ray, (2) emit air pollution
During the unloading, the container box emits a clicking
sound.

glacier

- a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole synonym: iceberg, ice floe
- (1) **glacier** retreat, (2) **glaciers** move tardily The **glaciers** of the ice age have shaped Fjord.

endanger

- v. to put someone or something in a risky situation synonym: threaten, imperil, jeopardize
- (1) **endanger** my health, (2) **endanger** a close relationship Their actions **endangered** the lives of innocent people.

belch

 to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion

synonym: burp, eruct, rumble

(1) **belch** chemical waste into the atmosphere, (2) **belch** loudly

The bubbling mud in the hot spring occasionally **belch** up a foul odor.

stabilize

 to become or cause to become steady or unlikely to give way

synonym: brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

domino

 a small, flat, rectangular block used in a game that has pairs of dots on one or both sides; a consequence of an event that sets off a chain reaction of similar events

synonym: tile, block, ivory

(1) domino chain, (2) domino effect

We knocked over a stack of dominoes and watched them fall

one by one.

lurch

v. to make a sudden, abrupt movement; to stagger or sway unsteadily; to experience a sudden change or reversal; (noun) a sudden, unsteady, or awkward movement or motion, often to one side or another

synonym: stumble, reel, stagger

(1) a **lurch** in the stock market, (2) **lurch** back and forth The car suddenly **lurched** forward as we hit a pothole.

glacial

adj. relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

synonym: cold, icy, frozen

(1) glacial movements, (2) glacial terrain

The glacial pace of the negotiations frustrated both parties.

rewind

v. to make something, such as a film or tape, go back to the beginning

synonym: wind back, back up, reverse

(1) **rewind** a film, (2) manually **rewind** the tape Please **rewind** the thread onto the reel.

hothouse

n. a heated and artificially controlled environment used for the cultivation of plants or the raising of animals; a place of intense activity or pressure; (verb) to push or force its rapid growth or development, typically in a controlled or intensely managed environment

synonym: greenhouse, conservatory, nursery

(1) **hothouse** economy, (2) tropical **hothouse**The plants in the **hothouse** require special care and attention.

uninhabitable

adj. not suitable or safe for people to live in; lacking the necessary conditions for human habitation

synonym: desolate, dilapidated, unlivable

(1) uninhabitable conditions, (2) uninhabitable apartment

The hurricane left many coastal areas **uninhabitable** for a long time.

determinant

 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.

steward

n. a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.

synonym: caretaker, manager, custodian

(1) **steward** duties, (2) **steward** service

The **steward** on the flight was very helpful in assisting passengers with their needs.

well-being

- n. the state of being happy and healthy and prosperoussynonym: health, welfare, happiness
- (1) the **well-being** of a nation, (2) a sense of **well-being** We are responsible for the care and **well-being** of all our employees.

decarbonize

v. to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy

synonym: decoke, decarburise, decarburize

- (1) decarbonize their manufacturing process,
- (2) decarbonize its energy system

We have to seek methods to **decarbonize** its fossil fuel economy.

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.

livable

adj. capable of being lived in comfortably and sustainably; suitable for human habitation

synonym: habitable, comfortable, pleasant

(1) livable city, (2) livable housing

Finding a safe and **livable** neighborhood is important when looking for a new place to live.

Session 2: Spelling

ind____us worker adj. hardworking, diligent, and persistent in 1. effort uns____le force 2. adj. impossible to stop or prevent do___o effect 3. a small, flat, rectangular block used in a n. game that has pairs of dots on one or both sides; a consequence of an event that sets off a chain reaction of similar events de e from the plan to depart from an established course or 4. plan; to change direction or take a different route or approach to make a sudden, abrupt movement; to 5. lu h back and forth stagger or sway unsteadily; to experience a sudden change or reversal; (noun) a sudden, unsteady, or awkward movement or motion, often to one side or another pr ras a trading hub to be successful or thriving, especially 6. financially; to grow and develop well; to flourish tra____ss against the rules to break the law or moral code; to go 7. ν. beyond or exceed the limits or boundaries of something a large feather or group of feathers 8. pl e of smoke n. worn as an ornament or a symbol of achievement or distinction, especially on a hat

ANSWERS: 1. industrious, 2. unstoppable, 3. domino, 4. deviate, 5. lurch, 6. prosper, 7. transgress, 8. plume

ANSWERS: 9. resilient, 10. destabilize, 11. determinant, 12. livable, 13. clap, 14. emit, 15. deviate, 16. hemisphere, 17. amplify, 18. dampen, 19. rewind

20.	ener a close relationship	ν.	to put someone or something in a risky situation
21.	glr retreat	n.	a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
22.	cown clock	n.	a counting sequence leading up to an event, often marked by a series of signals or cues, also used as a term to describe the final stages leading up to a major event or deadline
23.	decze their manufacturing process	ν.	to stop or reduce emitting carbon gases, especially carbon dioxide, by replacing energy made from fossil fuels with renewable energy
24.	std duties	n.	a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.
25.	unsle momentum	adj.	impossible to stop or prevent
26.	stze prices	v.	to become or cause to become steady or unlikely to give way
27.	amy a signal	ν.	to enhance something, particularly sound or brightness
28.	high arc	adj.	of or relating to the region around the North Pole or the Arctic Ocean; very cold
	SWERS: 20. endanger, 21. glacier, 22. unstoppable, 26. stabilize, 27. amplify,		

29.	arc ice	adj.	of or relating to the region around the North Pole or the Arctic Ocean; very cold
30.	cerebral hemre	n.	half of the terrestrial globe; half of a sphere
31.	the welng of a nation	n.	the state of being happy and healthy and prosperous
32.	glI terrain	adj.	relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement
33.	et a gamma ray	v.	to give off or send out something such as light, heat, sound, gas, etc.
34.	tw relations between countries	v.	to become less rigid or hostile; to melt, soften, or become more friendly
35.	unible conditions	adj.	not suitable or safe for people to live in; lacking the necessary conditions for human habitation
36.	ble a trail	ν.	to burst into flame or light up intensely; to move in a trailblazing manner; to shine brightly or conspicuously
37.	unible apartment	adj.	not suitable or safe for people to live in; lacking the necessary conditions for human habitation
38.	beh chemical waste into the atmosphere	<i>v</i> .	to expel air from the stomach through the mouth with a noisy or offensive sound, typically as a result of swallowing air or because of indigestion

ANSWERS: 29. arctic, 30. hemisphere, 31. well-being, 32. glacial, 33. emit, 34. thaw, 35. uninhabitable, 36. blaze, 37. uninhabitable, 38. belch

ANSWERS: 39. well-being, 40. livable, 41. transgress, 42. industrious, 43. belch, 44. steward, 45. clap, 46. revisit, 47. permafrost, 48. revisit

ANSWERS: 49. dampen, 50. determinant, 51. disbelief, 52. stabilize, 53. hothouse, 54. permafrost, 55. decarbonize, 56. countdown

blaze, 63. resilient, 64. catastrophic, 65. rewind

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ANSWERS:				

Session 3: Fill in the Blanks

1. <i>v</i> .	You might need to this point. to enhance something, particularly sound or brightness
2. adj	Cold temperatures and long, dark winters characterize the climate. i. of or relating to the region around the North Pole or the Arctic Ocean; very cold
3. adj	The pace of the negotiations frustrated both parties. relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement
4.	is crucial to soil stability in arctic areas.
n.	a layer of soil that is permanently below freezing, usually in polar regions
5 . adj	The hurricane left many coastal areas for a long time. i. not suitable or safe for people to live in; lacking the necessary conditions for human habitation
	She is a person and has always bounced back from setbacks. able to withstand or recover quickly from difficult conditions
7.	The of the ice age have shaped Fjord.
	a slowly moving mass of ice formed from snow on mountains or near the North Pole or the South Pole
8.	With careful planning and hard work, she was able to in her new business venture.
v.	to be successful or thriving, especially financially; to grow and develop well; to flourish
	SWERS: 1. amplify, 2. arctic, 3. glacial, 4. Permafrost, 5. uninhabitable, 6. resilient glaciers, 8. prosper

9.	Oneethic.	of success is having a positive attitude and a strong work
n.		rcumstance, or condition that contributes to the shaping, influencing, ning of a particular outcome or result
10.	His reaction	was one of complete
n.	the feeling	of not being able to believe or accept that something is true or real
11.	It's importan	t not to from the established safety procedures.
<i>v</i> .	-	rom an established course or plan; to change direction or take a oute or approach
12.	The compar	ny was fined for environmental regulations.
ν.	to break th of somethi	ne law or moral code; to go beyond or exceed the limits or boundaries ng
13.	The car sud	denly forward as we hit a pothole.
<i>v</i> .	experience	sudden, abrupt movement; to stagger or sway unsteadily; to a sudden change or reversal; (noun) a sudden, unsteady, or novement or motion, often to one side or another
14.	Please	the thread onto the reel.
<i>v</i> .	to make so	omething, such as a film or tape, go back to the beginning
15.	We	_ along with the singer's song.
ν.	-	hands together and make a short and loud noise, mainly to show oval or praise
16.	The team's	winning streak was
adj	. impossible	to stop or prevent
		determinant, 10. disbelief, 11. deviate, 12. transgressing, 13. lurched, clapped, 16. unstoppable