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Vocabulary Builder Reference from...

Robin Ince: Science versus wonder? | TED Talk https://www.ted.com/talks/robin_ince_science_versus _wonder



IMPORTANT

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Session 1: Word List

rationalism	<i>n</i> . a philosophical or theoretical approach that emphasizes the use of reason and logical thinking as the primary source of knowledge and basis for understanding the world, often rejecting or downplaying the role of intuition or faith
	synonym: logic, reason, intellectualism
	(1) economic rationalism, (2) religious rationalism
	The university's philosophy department held a series of
	lectures discussing the influence of rationalism in contemporary thought.
vivisection	 n. the practice or method of performing surgical procedures or experiments on live animals for scientific or medical research purposes synonym: animal experimentation, dissection
	(1) ethical vivisection, (2) medical vivisection
	The vivisection controversy has led many institutions to reconsider their stance on animal testing.
typewriter	 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 typewriter keys (2) electropic typewriter
	(1) typewriter keys, (2) electronic typewriter

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

loathe	 v. to feel strong hatred or disgust for someone or something; to be unwilling or reluctant to do something <i>synonym</i>: despise, hate, abominate (1) loathe violence, (2) loathe broccoli Labsolutely loathe spiders and cap't stand to be near them
	I absolutely loathe spiders and can't stand to be near them.
astrology	 n. the study of the movements and relative positions of celestial bodies interpreted as having an influence on human affairs and the natural world
	synonym: horoscope, star divination, celestial prediction
	(1) astrology chart, (2) delve into astrology
	He was fascinated by ancient astrology and spent hours
	studying horoscopes.
rationalist	<i>adj.</i> relating to or based on the belief in reason, logic, and critical thinking as the primary source of knowledge or justification; rejecting or skeptical of religious or mystical explanations; (noun) a person who believes or practices rationalism, a philosophical doctrine stating that knowledge and truth are primarily, or solely, derived from reason and logical thinking <i>synonym</i> : rational, logical, reasoning
	(1) rationalist philosophy, (2) evolutionary rationalist
	The rationalist approach to solving the problem involves analyzing data rather than going by gut feelings.
banal	adj. lacking originality, creativity, or freshness; uninteresting or dull due to being overused or overly familiarsynonym: trite, mundane, dull
	(1) banal conversation, (2) banal plot
	The restaurant's menu had a banal selection of generic dishes with no unique or exciting options.

collide	v. to hit something violently when movingsynonym: clash, slam, contradict
	(1) collide head-on, (2) collide in midair
	The interests of the two countries collide .
astronomical	 adj. relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude synonym: huge, vast, enormous
	(1) astronomical observation, (2) astronomical numbers The cost of the new equipment was astronomical and
	beyond the company's budget.
engulf	v. to swallow up; to surround and cover completely <i>synonym</i> : swallow, submerge, inundate
	(1) engulf the politician, (2) engulf in water
	The fire quickly engulfed the entire building.
terrifying	<i>adj.</i> very frightening or intimidating <i>synonym</i> : frightening, intimidating, alarming
	(1) terrifying experience, (2) terrifying events
	Large earthquakes often generate terrifying tsunamis.
permutation	 n. the act or process of rearranging or reordering a set of elements or objects in a different sequence or configuration; a specific arrangement or order of a set of elements or objects synonym: variation, transformation, alteration
	(1) permutation formula, (2) permutation test
	Scientists study the permutations of chemical elements and compounds to better understand their properties and potential uses.
reincarnation	<i>n.</i> the rebirth of a soul in a new body <i>synonym</i> : rebirth, regeneration, metempsychosis
	(1) reincarnation cycle, (2) reincarnation belief

Some religions believe in the **reincarnation** of souls after death.

afterlife	 n. life after death, as believed in many cultures and religious traditions synonym: eternal life, immortality, hereafter
	(1) afterlife name, (2) corporate afterlifeThe belief in an afterlife comforted those mourning the loss of their loved ones.
proviso	 n. a condition or stipulation added to an agreement, contract, or law, usually specifying a particular requirement or limitation that must be met for the agreement to be valid or effective synonym: condition, provision, stipulation
	(1) legal proviso , (2) under the proviso
	A proviso in the contract allowed for termination under
	certain circumstances.
pulsar	 n. a highly magnetized, rotating neutron star that emits beams of electromagnetic radiation, which can be observed as regular pulses of light synonym: neutron star, pulsating star, radio star
	(1) pulsar magnetosphere, (2) gamma-ray pulsar
	The astronomers detected a pulsar in the center of the galaxy.
occupant	 <i>n</i>. a person who lives or works at a particular place for a long time or who was born there <i>synonym</i>: denizen, dweller, resident
	(1) illegal occupant, (2) rear seat occupants
	He found graffiti left by a previous occupant of the house.
wasteful	<i>adj.</i> characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense

synonym: uneconomical, extravagant, profligate

(1) wasteful practices, (2) wasteful habitsBuying new clothes every week is a wasteful use of money and resources.

recyclability n. the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm

synonym: reusability, sustainability, renewability

(1) recyclability rate, (2) low recyclability problem
 The recyclability of electronic devices is a significant
 challenge due to the complexity of their components.

 n. a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
 synonym: bag, pouch, knapsack

(1) sac contents, (2) abdominal sac

sac

I placed my valuables in the **sac** before heading out on my hike.

pheromone	n. a chemical substance produ	•
	secreted into the environme	ent and that affects the
	behavior or physiology of o	thers of its species
	synonym: scent, odor, aroma	

(1) **pheromone** trail, (2) sexual **pheromone**

The perfume industry often uses synthetic **pheromones** to enhance their products' appeal.

olfactory	adj.	relating to the sense of smell; connected with the
		perception of odors or scents

synonym: olfactive, scent-based, aromatic

(1) **olfactory** cortex, (2) **olfactory** memory

The **olfactory** senses play a key role in our taste and flavor perception.

spit	 v. to eject saliva or other liquid from the mouth synonym: expectorate, saliva, spew
	(1) spit a bullet, (2) spit a mouthful of saliva
	She tried to spit out the gum that she had been chewing.
predilection	 n. a preference or inclination for something; a liking or fondness for something synonym: inclination, leaning, preference
	(1) predilection for chocolate, (2) a strong predilection for dogs
	Her predilection for spicy food made her the go-to person for restaurant recommendations.
unconditional	 adj. not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions synonym: absolute, complete, unqualified
	(1) unconditional forgiveness, (2) unconditional support Her love for him was unconditional , despite all of his flaws.
housework	<i>n.</i> the tasks involved in cleaning and maintaining a house <i>synonym</i> : chores, cleaning, domestic duties
	(1) housework robot, (2) light housework
	She didn't mind doing the housework as long as it kept her busy and productive.
anthropology	 n. the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
	(1) social anthropology, (2) anthropology of religion
	The areas of anthropology and psychology are significantly related to one another.
Jovian	adj. relating to Jupiter or its characteristics synonym: Jupiter, giant planet
	(1) Jovian satellites, (2) Jovian planet

The **Jovian** moon Europa is believed to have an ocean beneath its icy surface. to fail to meet someone or their hopes or expectations; disappoint v. to make someone feel sad synonym: sadden, dismay, frustrate (1) **disappoint** the audience, (2) don't **disappoint** me She worked very hard not to **disappoint** her boss's expectations. a person who has been awarded an honor or a prize for laureate n. achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work (1) Oscar laureate, (2) poet laureate The Nobel laureate delivered an inspiring speech to the graduating class. *adj.* able to be understood or grasped by the mind; clear and comprehensible understandable synonym: understandable, intelligible, clear (1) **comprehensible** language, (2) **comprehensible** to everyone The textbook explanation made the difficult concept comprehensible to the students. pointless *adj.* having no purpose or reason; serving no useful function; meaningless or senseless synonym: meaningless, purposeless, worthless (1) **pointless** argument, (2) **pointless** task The meeting was considered **pointless** since nothing was accomplished. a person who rejects all religious, moral, and political nihilist n. beliefs and values; a person who believes life is meaningless and void of purpose

synonym: anarchist, cynic, skeptic

(1) violent nihilist, (2) militant nihilist

The professor accused the student of being a **nihilist** for constantly challenging the course material.

Session 2: Spelling

1.	comble to everyone	adj.	able to be understood or grasped by the mind; clear and understandable
2.	loe broccoli	v.	to feel strong hatred or disgust for someone or something; to be unwilling or reluctant to do something
3.	a strong preion for dogs	n.	a preference or inclination for something; a liking or fondness for something
4.	religious ratsm	n.	a philosophical or theoretical approach that emphasizes the use of reason and logical thinking as the primary source of knowledge and basis for understanding the world, often rejecting or downplaying the role of intuition or faith
5.	illegal ocnt	n.	a person who lives or works at a particular place for a long time or who was born there
6.	st a bullet	ν.	to eject saliva or other liquid from the mouth
7.	uncnal forgiveness	adj.	not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions
8.	ratst philosophy	adj.	relating to or based on the belief in reason, logic, and critical thinking as the primary source of knowledge or justification; rejecting or skeptical of religious or mystical explanations; (noun) a person who believes or practices rationalism, a philosophical doctrine stating that knowledge and truth are primarily, or solely, derived from reason and logical thinking

ANSWERS: 1. comprehensible, 2. loathe, 3. predilection, 4. rationalism, 5. occupant, 6. spit, 7. unconditional, 8. rationalist

9.	waul habits	adj.	characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
10.	medical vivon	n.	the practice or method of performing surgical procedures or experiments on live animals for scientific or medical research purposes
11.	abdominal s_c	n.	a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
12.	rear seat ocnts	n.	a person who lives or works at a particular place for a long time or who was born there
13.	terng events	adj.	very frightening or intimidating
14.	evolutionary ratst	adj.	relating to or based on the belief in reason, logic, and critical thinking as the primary source of knowledge or justification; rejecting or skeptical of religious or mystical explanations; (noun) a person who believes or practices rationalism, a philosophical doctrine stating that knowledge and truth are primarily, or solely, derived from reason and logical thinking
15.	coe head-on	<i>v</i> .	to hit something violently when moving
16.	uncnal support	adj.	not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions

ANSWERS: 9. wasteful, 10. vivisection, 11. sac, 12. occupant, 13. terrifying, 14. rationalist, 15. collide, 16. unconditional

17. light hork	n.	the tasks involved in cleaning and maintaining a house
18. loe violence	v.	to feel strong hatred or disgust for someone or something; to be unwilling or reluctant to do something
19. violent nist	n.	a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose
20. waul practices	adj.	characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
21. militant nist	n.	a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose
22. recity rate	n.	the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm
23. pur magnetosphere	n.	a highly magnetized, rotating neutron star that emits beams of electromagnetic radiation, which can be observed as regular pulses of light
24. ethical vivon	n.	the practice or method of performing surgical procedures or experiments on live animals for scientific or medical research purposes

ANSWERS: 17. housework, 18. loathe, 19. nihilist, 20. wasteful, 21. nihilist, 22. recyclability, 23. pulsar, 24. vivisection

25.	olry cortex	adj.	relating to the sense of smell; connected with the perception of odors or scents
26.	preion for chocolate	n.	a preference or inclination for something; a liking or fondness for something
27.	bal conversation	adj.	lacking originality, creativity, or freshness; uninteresting or dull due to being overused or overly familiar
28.	bal plot	adj.	lacking originality, creativity, or freshness; uninteresting or dull due to being overused or overly familiar
29.	economic ratsm	n.	a philosophical or theoretical approach that emphasizes the use of reason and logical thinking as the primary source of knowledge and basis for understanding the world, often rejecting or downplaying the role of intuition or faith
30.	reiion belief	n.	the rebirth of a soul in a new body
31.	antogy of religion	n.	the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
32.	legal pro	n.	a condition or stipulation added to an agreement, contract, or law, usually specifying a particular requirement or limitation that must be met for the agreement to be valid or effective

ANSWERS: 25. olfactory, 26. predilection, 27. banal, 28. banal, 29. rationalism, 30. reincarnation, 31. anthropology, 32. proviso

adj.	having no purpose or reason; serving no useful function; meaningless or senseless
n.	the rebirth of a soul in a new body
adj.	very frightening or intimidating
v.	to swallow up; to surround and cover completely
n.	life after death, as believed in many cultures and religious traditions
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
n.	a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species
n.	the act or process of rearranging or reordering a set of elements or objects in a different sequence or configuration; a specific arrangement or order of a set of elements or objects
n.	the study of the movements and relative positions of celestial bodies interpreted as having an influence on human affairs and the natural world
	n. adj. v. n. n.

ANSWERS: 33. pointless, 34. reincarnation, 35. terrifying, 36. engulf, 37. afterlife, 38. typewriter, 39. pheromone, 40. permutation, 41. astrology

42. social antogy	n.	the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
43. under the pro	n.	a condition or stipulation added to an agreement, contract, or law, usually specifying a particular requirement or limitation that must be met for the agreement to be valid or effective
44. disnt the audience	ν.	to fail to meet someone or their hopes or expectations; to make someone feel sad
45. sexual phne	n.	a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species
46. coe in midair	<i>v</i> .	to hit something violently when moving
47. don't disnt me	v.	to fail to meet someone or their hopes or expectations; to make someone feel sad
48. astcal observation	adj.	relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
49. st a mouthful of saliva	v.	to eject saliva or other liquid from the mouth
50. olry memory	adj.	relating to the sense of smell; connected with the perception of odors or scents

ANSWERS: 42. anthropology, 43. proviso, 44. disappoint, 45. pheromone, 46. collide, 47. disappoint, 48. astronomical, 49. spit, 50. olfactory

51. typer 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. astcal numbers	adj.	relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
53. comble language	adj.	able to be understood or grasped by the mind; clear and understandable
54. enf in water	v.	to swallow up; to surround and cover completely
55. delve into asgy	n.	the study of the movements and relative positions of celestial bodies interpreted as having an influence on human affairs and the natural world
56. peron formula	n.	the act or process of rearranging or reordering a set of elements or objects in a different sequence or configuration; a specific arrangement or order of a set of elements or objects
57. affe name	n.	life after death, as believed in many cultures and religious traditions
58. poet late	n.	a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

ANSWERS: 51. typewriter, 52. astronomical, 53. comprehensible, 54. engulf, 55. astrology, 56. permutation, 57. afterlife, 58. laureate

59.	s_c contents	n.	a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
60.	Jon satellites	adj.	relating to Jupiter or its characteristics
61.	hork robot	n.	the tasks involved in cleaning and maintaining a house
62.	Jon planet	adj.	relating to Jupiter or its characteristics
63.	poss argument	adj.	having no purpose or reason; serving no useful function; meaningless or senseless
64.	gamma-ray pur	n.	a highly magnetized, rotating neutron star that emits beams of electromagnetic radiation, which can be observed as regular pulses of light
65.	Oscar late	n.	a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
66.	low recity problem	n.	the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm

ANSWERS: 59. sac, 60. Jovian, 61. housework, 62. Jovian, 63. pointless, 64. pulsar, 65. laureate, 66. recyclability

Session 3: Fill in the Blanks

- 1. She tried to _____ out the gum that she had been chewing.
- *v.* to eject saliva or other liquid from the mouth
- 2. The areas of ______ and psychology are significantly related to one another.
 - *n.* the scientific study of humanity, concerned with human behavior, human biology, cultures, societies, and linguistics in both the present and past, including past human species
- 3. The cost of the new equipment was _____ and beyond the company's budget.
- *adj.* relating to astronomy or the study of celestial bodies and phenomena; very large or immense in scale or magnitude
- 4. He was fascinated by ancient ______ and spent hours studying horoscopes.
- *n*. the study of the movements and relative positions of celestial bodies interpreted as having an influence on human affairs and the natural world
- 5. The perfume industry often uses synthetic ______ to enhance their products' appeal.
- *n.* a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species
- 6. A ______ in the contract allowed for termination under certain circumstances.
- *n.* a condition or stipulation added to an agreement, contract, or law, usually specifying a particular requirement or limitation that must be met for the agreement to be valid or effective

ANSWERS: 1. spit, 2. anthropology, 3. astronomical, 4. astrology, 5. pheromones, 6. proviso

- 7. The Nobel ______ delivered an inspiring speech to the graduating class.
- *n*. a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
- 8. The ______ senses play a key role in our taste and flavor perception.
- adj. relating to the sense of smell; connected with the perception of odors or scents
- 9. The belief in an _____ comforted those mourning the loss of their loved ones.
- *n.* life after death, as believed in many cultures and religious traditions
- 10. The professor accused the student of being a ______ for constantly challenging the course material.
- *n*. a person who rejects all religious, moral, and political beliefs and values; a person who believes life is meaningless and void of purpose
- 11. I absolutely ______ spiders and can't stand to be near them.
- *v.* to feel strong hatred or disgust for someone or something; to be unwilling or reluctant to do something
- 12. The textbook explanation made the difficult concept ______ to the students.
- *adj.* able to be understood or grasped by the mind; clear and understandable
- 13. The ______ controversy has led many institutions to reconsider their stance on animal testing.
- *n.* the practice or method of performing surgical procedures or experiments on live animals for scientific or medical research purposes

ANSWERS: 7. laureate, 8. olfactory, 9. afterlife, 10. nihilist, 11. loathe, 12. comprehensible, 13. vivisection

- 14. Her love for him was ______ despite all of his flaws.
- *adj.* not subject to any conditions; absolute or complete; not limited by any qualifications or restrictions
- 15. The interests of the two countries _____.
- *v*. to hit something violently when moving
- 16. The restaurant's menu had a _____ selection of generic dishes with no unique or exciting options.
- *adj.* lacking originality, creativity, or freshness; uninteresting or dull due to being overused or overly familiar
- 17. The _____ moon Europa is believed to have an ocean beneath its icy surface.
- adj. relating to Jupiter or its characteristics
- 18. The ______ approach to solving the problem involves analyzing data rather than going by gut feelings.
 - *adj.* relating to or based on the belief in reason, logic, and critical thinking as the primary source of knowledge or justification; rejecting or skeptical of religious or mystical explanations; (noun) a person who believes or practices rationalism, a philosophical doctrine stating that knowledge and truth are primarily, or solely, derived from reason and logical thinking
- 19. I placed my valuables in the ____ before heading out on my hike.
- *n.* a bag or pouch, typically made of fabric or leather, used to hold something valuable or important; a structure resembling a bag in an animal or plant
- 20. She worked very hard not to ______ her boss's expectations.
 - *v.* to fail to meet someone or their hopes or expectations; to make someone feel sad

ANSWERS: 14. unconditional, 15. collide, 16. banal, 17. Jovian, 18. rationalist, 19. sac, 20. disappoint

- 21. The meeting was considered ______ since nothing was accomplished.
 - *adj.* having no purpose or reason; serving no useful function; meaningless or senseless
- 22. Buying new clothes every week is a _____ use of money and resources.
- *adj.* characterized by excessive or unnecessary use or consumption; using resources or materials inefficiently or inappropriately, resulting in unnecessary waste or expense
- 23. 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
- 24. The ______ of electronic devices is a significant challenge due to the complexity of their components.
 - *n.* the degree to which a material or product can be reused or repurposed after it has served its original function, without requiring significant modifications or environmental harm
- 25. The astronomers detected a _____ in the center of the galaxy.
- *n.* a highly magnetized, rotating neutron star that emits beams of electromagnetic radiation, which can be observed as regular pulses of light
- 26. She didn't mind doing the _____ as long as it kept her busy and productive.
- *n.* the tasks involved in cleaning and maintaining a house
- 27. Some religions believe in the ______ of souls after death.
- *n.* the rebirth of a soul in a new body

ANSWERS: 21. pointless, 22. wasteful, 23. typewriter, 24. recyclability, 25. pulsar, 26. housework, 27. reincarnation

- 28. The fire quickly ______ the entire building.
- *v*. to swallow up; to surround and cover completely
- 29. He found graffiti left by a previous ______ of the house.
- *n*. a person who lives or works at a particular place for a long time or who was born there
- 30. Large earthquakes often generate ______ tsunamis.
- adj. very frightening or intimidating
- 31. Her ______ for spicy food made her the go-to person for restaurant recommendations.
- *n.* a preference or inclination for something; a liking or fondness for something
- 32. Scientists study the ______ of chemical elements and compounds to better understand their properties and potential uses.
 - *n.* the act or process of rearranging or reordering a set of elements or objects in a different sequence or configuration; a specific arrangement or order of a set of elements or objects
- 33. The university's philosophy department held a series of lectures discussing the influence of ______ in contemporary thought.
- *n*. a philosophical or theoretical approach that emphasizes the use of reason and logical thinking as the primary source of knowledge and basis for understanding the world, often rejecting or downplaying the role of intuition or faith

ANSWERS: 28. engulfed, 29. occupant, 30. terrifying, 31. predilection, 32. permutations, 33. rationalism