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Vocabulary Builder Reference from...

Nancy Kanwisher: A neural portrait of the human

mind | TED Talk

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

_portrait_of_the_human_mind



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Session 1: Word List

prosopagnosia

 a neurological disorder where a person is unable to recognize or remember people's faces often referred to as face blindness

synonym: face blindness, cognitive agnosia

(1) facial recognition **prosopagnosia**, (2) hereditary **prosopagnosia**

The research on **prosopagnosia** and brain injuries has been groundbreaking, shedding light on the intricacies of facial recognition.

impair

- v. to damage something or make it weaker or worse synonym: degrade, mar, deface
- (1) **impair** my health, (2) **impair** insulin sensitivity The accident made his vision **impaired**.

divvy

v. to divide or distribute something, often something that is shared or pooled among a group of people

synonym: share, split, distribute

(1) **divvy** up duties, (2) **divvy** out rewards

The group decided to **divvy** up the tasks evenly for the project.



warp

v. to twist or bend out of shape, especially as a result of being heated; to distort or twist the meaning or sense of something

synonym: twist, distort, deform

(1) warp under pressure, (2) become warped

The ship's hull was warped from years of use in rough seas.

sectional

 adj. relating to or based on a particular section or division, often referring to a specific geographic area, group, or segment; characterized by divisions or separations

synonym: divisive, factional, segmental

(1) **sectional** couch, (2) **sectional** analysis

The report is divided into several **sectional** parts for convenience in reading.

artichoke

- a type of vegetable that grows on a large plant and has a prickly, cone-shaped flower head with edible leaves and a heart-shaped center; often used in cooking
- (1) steamed **artichoke**, (2) grilled **artichoke**I love the taste of **artichoke** hearts in my salad.

broccoli

- a green vegetable with a bunch of small, tight florets on a thick stem that belongs to the cabbage family
- frozen broccoli,
 broccoli sprout
 didn't like broccoli floret and avoided eating it.

neuron

 a cell that is specialized to carry information within the brain and between the brain and other parts of the body

synonym: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

blob

a small amount or drop of a thick liquid or sticky substance

synonym: chunk, lump, hunk

(1) a big **blob** of yellow, (2) a **blob** of jelly

A **blob** of ink fell on the floor.

fluke

 a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence

synonym: chance, accident, stroke of luck

(1) lucky fluke, (2) fluke accident

Winning the lottery was just a **fluke**; I didn't expect it to happen.

opportune

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

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark The phone rang at the most **opportune** time.

epilepsy

 a neurological disorder characterized by recurrent seizures or convulsions, which can manifest in a variety of ways and be caused by various factors

synonym: seizures, convulsions, fits

(1) **epilepsy** seizure, (2) **epilepsy** medication

The flashing lights at the concert triggered her **epilepsy** and caused a seizure.

stimming

n. a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

synonym: self-stimulation, repetitive behaviors

(1) autistic stimming, (2) stimming therapy

Autistic children may engage in **stimming** behaviors, such as rocking or hand flapping, to self-regulate.

sham

n. something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not

synonym: bogus, counterfeit, fraudulent

(1) a **sham** battle, (2) turn out to be all **sham** The data he prepared was completely **sham**.

neurology

n. the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
synonym: brain science, nervous system, neuropathology
(1) cognitive neurology, (2) neurology department
She is studying clinical neurology to become a brain

metamorphose

- v. to undergo a dramatic change in form, structure, or substance; to transform or alter in appearance or naturesynonym: transform, change, alter
- (1) **metamorphose** in appearance, (2) **metamorphose** over time

The caterpillar **metamorphoses** into a butterfly during its life cycle.

sag

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

synonym: droop, slump, bend

surgeon.

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

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

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.

inflate

v. to fill something with air or gas so that it becomes bigger and rounder

synonym: blow up, expand, puff up

(1) **inflate** a tire, (2) **inflate** expense reports She **inflated** the balloons for the party.

siren

 a device that emits a loud, piercing sound, typically used as a warning or to get attention; historically, a creature in Greek mythology whose enchanting voice would lure sailors toward danger

synonym: alarm, warning, alert

(1) fire truck siren, (2) police siren

I heard the **siren** of an ambulance and moved my car to the side of the road.

cello

 a large stringed instrument of the viola family, typically held between the knees when played; also known as violoncello

synonym: violoncello, violincello

- (1) the beautiful sound of a **cello**, (2) **cello** music
- She played a passionate solo on her **cello**.

doorbell

a bell that is pressed or pulled to signal that someone wishes to enter a building

synonym: bell, buzzer, ring

(1) touch a doorbell, (2) doorbell chime

He rang the **doorbell** and waited for someone to answer.

chomp

v. to bite or chew something with forceful, aggressive, or heavy movements of the jaws or teeth

synonym: bite, munch, crunch

(1) chomp into an apple, (2) chomp on meat

I love to **chomp** on crunchy snacks like chips and pretzels.

turquoise

 a greenish-blue mineral that is a hydrated copper and aluminum phosphate and is valued as a gemstone, often used in jewelry and decorative objects

synonym: gemstone, aqua, blue-green stone

(1) turquoise dress, (2) turquoise jewelry

The **turquoise** waters of the Caribbean were a breathtaking sight.

uncharted

adj. not mapped or surveyed; unknown or unexplored; without a clear or definite course of actionsynonym: unknown, unexplored, undiscovered

(1) uncharted wilderness, (2) uncharted waters

The explorer ventured into **uncharted** territory, not knowing what to expect.

stoke

- v. to add fuel to the fire or furnace; to increase the intensity or strength of something, such as an emotion or conflict synonym: stir up, fuel, ignite
- (1) stoke a fire, (2) stoke passions

The artist used bright colors and bold brushstrokes to **stoke** a sense of vibrancy in their painting.

devise

v. to come up with an idea, plan, theory, etc., using your intelligence or imagination

synonym: create, concoct, invent

(1) **devise** a plan, (2) **devise** a literary plot

They had to **devise** a system that did not depend on fossil fuels.

brushstroke

 n. the mark or stroke made by a painter's brush on a canvas or surface; a single movement or action toward a larger project or goal

synonym: stroke, line, mark

(1) artistic **brushstroke**, (2) a **brushstroke** of genius

The artist made a beautiful **brushstroke** on the canvas.

unanswered

adj. not responded to or explainedsynonym: ignored, unrequited, undecided

(1) unanswered love, (2) unanswered e-mail

Pardon me for leaving some of your questions unanswered.

neuroscience

- the scientific study of the function, structure, and disorder of the brain and the nervous system
- (1) the branch of **neuroscience**, (2) a theoretical concept in **neuroscience**

Our university is famous for its professors, who are well-versed in behavioral neuroscience.

Alzheimer

a neurodegenerative disease that causes memory loss, n. cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

synonym: dementia, memory loss, cognitive decline

- (1) Alzheimer's brain, (2) Alzheimer's risk factors My grandmother has Alzheimer's disease requires special care and attention from her caregivers.
- underlie to be the support, basis, hidden cause of something; to be located under or below

synonym: govern, control, determine

(1) underlie the theory of the big bang, (2) underlie the current economic deadlock

His bitter experiences **underlie** his moral principles.

Session 2: Spelling

to twist or bend out of shape, especially 1. w p under pressure as a result of being heated; to distort or twist the meaning or sense of something to droop or hang down, especially due 2. s g with fatigue ν. to a lack of support or the weight of something facial recognition pro____sia 3. a neurological disorder where a person n. is unable to recognize or remember people's faces often referred to as face blindness something that is not as good or true as 4. as m battle n. it seems to be and is intended to deceive people; a person who pretends to be something they are not met ose over time 5. to undergo a dramatic change in form, structure, or substance; to transform or alter in appearance or nature 6. to twist or bend out of shape, especially become w ped as a result of being heated; to distort or twist the meaning or sense of something a cell that is specialized to carry 7. ne___n cell body n. information within the brain and between the brain and other parts of the body to add fuel to the fire or furnace; to 8. st eafire increase the intensity or strength of

ANSWERS: 1. warp, 2. sag, 3. prosopagnosia, 4. sham, 5. metamorphose, 6. warp, 7. neuron, 8. stoke

conflict

something, such as an emotion or

9. im r my health to damage something or make it weaker ν. or worse 10. di y up duties to divide or distribute something, often ν. something that is shared or pooled among a group of people 11. de___e a literary plot to come up with an idea, plan, theory, ν. etc., using your intelligence or imagination half of the terrestrial globe; half of a 12. cerebral hem re sphere a stroke of luck or chance, often 13. fl_e accident resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence to fill something with air or gas so that it 14. in e a tire ν. becomes bigger and rounder 15. police si n a device that emits a loud, piercing n. sound, typically used as a warning or to get attention; historically, a creature in Greek mythology whose enchanting voice would lure sailors toward danger 16. ep sy seizure a neurological disorder characterized by n. recurrent seizures or convulsions, which can manifest in a variety of ways and be caused by various factors 17. lucky fl e a stroke of luck or chance, often n. resulting in a positive outcome or unexpected success; an accidental or

ANSWERS: 9. impair, 10. divvy, 11. devise, 12. hemisphere, 13. fluke, 14. inflate, 15. siren, 16. epilepsy, 17. fluke

unplanned occurrence

18.	the beautiful sound of a ceo	n.	a large stringed instrument of the viola family, typically held between the knees when played; also known as violoncello
19.	excite the nens	n.	a cell that is specialized to carry information within the brain and between the brain and other parts of the body
20.	ine expense reports	v.	to fill something with air or gas so that it becomes bigger and rounder
21.	ceo music	n.	a large stringed instrument of the viola family, typically held between the knees when played; also known as violoncello
22.	unaed e-mail	adj.	not responded to or explained
23.	cognitive negy	n.	the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
24.	imr insulin sensitivity	v.	to damage something or make it weaker or worse
25.	epsy medication	n.	a neurological disorder characterized by recurrent seizures or convulsions, which can manifest in a variety of ways and be caused by various factors
26.	Aler's brain	n.	a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
27.	s_g my jaw	ν.	to droop or hang down, especially due to a lack of support or the weight of something

ANSWERS: 18. cello, 19. neuron, 20. inflate, 21. cello, 22. unanswered, 23. neurology, 24. impair, 25. epilepsy, 26. Alzheimer, 27. sag

28.	a theoretical concept in neunce	n.	the scientific study of the function, structure, and disorder of the brain and the nervous system
29.	seal couch	adj.	relating to or based on a particular section or division, often referring to a specific geographic area, group, or segment; characterized by divisions or separations
30.	chp into an apple	<i>v</i> .	to bite or chew something with forceful, aggressive, or heavy movements of the jaws or teeth
31.	unie the current economic deadlock	<i>v</i> .	to be the support, basis, hidden cause of something; to be located under or below
32.	a big bb of yellow	n.	a small amount or drop of a thick liquid or sticky substance
33.	chp on meat	<i>v</i> .	to bite or chew something with forceful, aggressive, or heavy movements of the jaws or teeth
34.	an opne remark	adj.	suitable or happening at a time that is suitable or convenient for a particular purpose
35.	ste passions	ν.	to add fuel to the fire or furnace; to increase the intensity or strength of something, such as an emotion or conflict
36.	frozen brli	n.	a green vegetable with a bunch of small, tight florets on a thick stem that belongs to the cabbage family

ANSWERS: 28. neuroscience, 29. sectional, 30. chomp, 31. underlie, 32. blob, 33. chomp, 34. opportune, 35. stoke, 36. broccoli

37.	uned waters	adj.	not mapped or surveyed; unknown or unexplored; without a clear or definite course of action
38.	Aler's risk factors	n.	a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
39.	unaed love	adj.	not responded to or explained
40.	turn out to be all sm	n.	something that is not as good or true as it seems to be and is intended to deceive people; a person who pretends to be something they are not
41.	seal analysis	adj.	relating to or based on a particular section or division, often referring to a specific geographic area, group, or segment; characterized by divisions or separations
42.	grilled arke	n.	a type of vegetable that grows on a large plant and has a prickly, cone-shaped flower head with edible leaves and a heart-shaped center; often used in cooking
43.	a bruke of genius	n.	the mark or stroke made by a painter's brush on a canvas or surface; a single movement or action toward a larger project or goal
44.	metose in appearance	v.	to undergo a dramatic change in form, structure, or substance; to transform or alter in appearance or nature

ANSWERS: 37. uncharted, 38. Alzheimer, 39. unanswered, 40. sham, 41. sectional, 42. artichoke, 43. brushstroke, 44. metamorphose

45.	steamed arke	n.	a type of vegetable that grows on a large plant and has a prickly, cone-shaped flower head with edible leaves and a heart-shaped center; often used in cooking
46.	the branch of neunce	n.	the scientific study of the function, structure, and disorder of the brain and the nervous system
47.	tuse jewelry	n.	a greenish-blue mineral that is a hydrated copper and aluminum phosphate and is valued as a gemstone, often used in jewelry and decorative objects
48.	brli sprout	n.	a green vegetable with a bunch of small, tight florets on a thick stem that belongs to the cabbage family
49.	uned wilderness	adj.	not mapped or surveyed; unknown or unexplored; without a clear or definite course of action
50.	touch a doll	n.	a bell that is pressed or pulled to signal that someone wishes to enter a building
51.	doII chime	n.	a bell that is pressed or pulled to signal that someone wishes to enter a building
52.	hereditary prosia	n.	a neurological disorder where a person is unable to recognize or remember people's faces often referred to as face blindness
53.	tuse dress	n.	a greenish-blue mineral that is a hydrated copper and aluminum phosphate and is valued as a gemstone, often used in jewelry and decorative objects

ANSWERS: 45. artichoke, 46. neuroscience, 47. turquoise, 48. broccoli, 49. uncharted, 50. doorbell, 51. doorbell, 52. prosopagnosia, 53. turquoise

54.	a bb of jelly	n.	a small amount or drop of a thick liquid or sticky substance
55.	northern hemre	n.	half of the terrestrial globe; half of a sphere
56.	artistic bruke	n.	the mark or stroke made by a painter's brush on a canvas or surface; a single movement or action toward a larger project or goal
57.	autistic stng	n.	a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
58.	unie the theory of the big bang	v.	to be the support, basis, hidden cause of something; to be located under or below
59.	dee a plan	ν.	to come up with an idea, plan, theory, etc., using your intelligence or imagination
60.	stng therapy	n.	a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
61.	negy department	n.	the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
62.	diy out rewards	v.	to divide or distribute something, often something that is shared or pooled among a group of people

ANSWERS: 54. blob, 55. hemisphere, 56. brushstroke, 57. stimming, 58. underlie, 59. devise, 60. stimming, 61. neurology, 62. divvy

- 63. op____ne occasion
- 64. fire truck si__n

- adj. suitable or happening at a time that is suitable or convenient for a particular purpose
- a device that emits a loud, piercing sound, typically used as a warning or to get attention; historically, a creature in Greek mythology whose enchanting voice would lure sailors toward danger

ANSWERS: 63. opportune, 64. siren

Session 3: Fill in the Blanks

1. <i>n</i> .	A of ink fell on the floor. a small amount or drop of a thick liquid or sticky substance
2. n.	Winning the lottery was just a I didn't expect it to happen. a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence
3.	I love to on crunchy snacks like chips and pretzels.
<i>v</i> .	to bite or chew something with forceful, aggressive, or heavy movements of the jaws or teeth
4.	His bitter experiences his moral principles.
<i>v</i> .	to be the support, basis, hidden cause of something; to be located under or below
5.	Pardon me for leaving some of your questions
adj	not responded to or explained
6.	Our body transfers information along each using an electrical impulse.
n.	a cell that is specialized to carry information within the brain and between the brain and other parts of the body
7.	The artist used bright colors and bold brushstrokes to a sense of vibrancy in their painting.
<i>v</i> .	to add fuel to the fire or furnace; to increase the intensity or strength of something, such as an emotion or conflict
AN sto	SWERS: 1. blob, 2. fluke;, 3. chomp, 4. underlie, 5. unanswered, 6. neuron, 7. ke

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14. neuroscience, 15. inflated

ANSWERS: 16. opportune, 17. sagged, 18. impaired, 19. sectional, 20. hemisphere, 21. divvy, 22. artichoke, 23. cello

ANSWERS: 24. devise, 25. Alzheimer's, 26. uncharted, 27. warped, 28. metamorphoses, 29. prosopagnosia, 30. neurology

Vocab-Builder Ref from "Nancy Kanwisher: A neural portrait of the human mind | TED Talk" (32 words)

ANSWERS: 31. brushstroke, 32. stimming