

# Englist.me



## Vocabulary Builder Reference from...

Gregory Petsko: The coming neurological epidemic | TED Talk

[https://www.ted.com/talks/gregory\\_petsko\\_the\\_coming\\_neurological\\_epidemic](https://www.ted.com/talks/gregory_petsko_the_coming_neurological_epidemic)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### 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 surgeon.

### flatten

*v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed

*synonym*: level, smooth, even

(1) **flatten** a tire, (2) **flatten** my opponent

The hurricane's powerful winds **flattened** entire neighborhoods, leaving only rubble.

### invert

*v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something

*synonym*: turn upside down, reverse, flip

(1) **invert** a glass, (2) **invert** position

He decided to **invert** his investment portfolio, shifting from stocks to bonds.

## **lifespan**

*n.* the length of time for which a person, animal lives, or thing exists

*synonym* : duration, lifetime, continuance

(1) **lifespan** extension, (2) **lifespan** retrieval curve

Generally speaking, men have a shorter **lifespan** than women.

## **Alzheimer**

*n.* a neurodegenerative disease that causes memory loss, 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.

## **demented**

*adj.* mentally disturbed or deranged; crazed; irrational or insane in behavior, thought, or perception

*synonym* : insane, unhinged, deranged

(1) act in a **demented** way, (2) a **demented** laughter

The horror movie was filled with **demented** characters that haunted the viewers' dreams.

## **origami**

*n.* the Japanese art or practice of folding paper into decorative shapes and figures

*synonym* : paper folding, paper art

(1) **origami** paper, (2) **origami** art

I love making **origami** cranes during my free time.

## **scotch**

*v.* to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom

*synonym* : halt, stop, block

(1) **scotch** any further debate, (2) **scotch** the deal

I need to **scotch** these rumors before they spread any further.

## tangle

*n.* a confused mass of something twisted together  
*synonym* : knot, snarl, entanglement

(1) in a **tangle**, (2) **tangle** wires

The cords behind my computer were a **tangled** mess.

## sect

*n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

*synonym* : group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

## fascinate

*v.* to attract and hold the attention of someone deeply and irresistibly

*synonym* : captivate, intrigue, mesmerize

(1) **fascinate** the public, (2) **fascinate** the young

The magic tricks **fascinated** the children.

## philanthropy

*n.* the practice of voluntarily helping the poor, especially by giving money

*synonym* : altruism, benevolence, generosity

(1) **philanthropy** organization, (2) private **philanthropy**

Tech billionaires often spend the majority of their time on **philanthropy**.

## avian

*adj.* relating to or characteristic of birds

*synonym* : bird-like, feathered, winged

(1) **avian** influenza, (2) **avian** habitat

The expert on **avian** species studied the behavior of different types of birds.

## glaucoma

*n.* a group of eye disorders characterized by damage to the optic nerve, often associated with increased pressure within the eye; a leading cause of blindness

*synonym* : optic nerve damage, ocular hypertension

(1) congenital **glaucoma**, (2) open-angle **glaucoma**

My grandfather was diagnosed with **glaucoma** and had to undergo surgery to prevent further vision loss.

## **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.

## Session 2: Spelling

1. av\_\_n habitat *adj.* relating to or characteristic of birds
2. fa\_\_\_\_\_te the young *v.* to attract and hold the attention of someone deeply and irresistibly
3. act in a de\_\_\_\_\_ed way *adj.* mentally disturbed or deranged; crazed; irrational or insane in behavior, thought, or perception
4. a de\_\_\_\_\_ed laughter *adj.* mentally disturbed or deranged; crazed; irrational or insane in behavior, thought, or perception
5. in\_\_\_t a glass *v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something
6. li\_\_\_\_\_an extension *n.* the length of time for which a person, animal lives, or thing exists
7. fa\_\_\_\_\_te the public *v.* to attract and hold the attention of someone deeply and irresistibly
8. in a ta\_\_\_e *n.* a confused mass of something twisted together
9. open-angle gl\_\_\_\_\_ma *n.* a group of eye disorders characterized by damage to the optic nerve, often associated with increased pressure within the eye; a leading cause of blindness
10. Al\_\_\_\_\_er'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

ANSWERS: 1. avian, 2. fascinate, 3. demented, 4. demented, 5. invert, 6. lifespan, 7. fascinate, 8. tangle, 9. glaucoma, 10. Alzheimer

11. in\_\_\_t position *v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something
12. phi\_\_\_\_\_opy organization *n.* the practice of voluntarily helping the poor, especially by giving money
13. st\_\_\_\_\_ng 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
14. cognitive ne\_\_\_\_\_gy *n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
15. Al\_\_\_\_\_er'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
16. av\_\_n influenza *adj.* relating to or characteristic of birds
17. sc\_\_\_h any further debate *v.* to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom
18. private phi\_\_\_\_\_opy *n.* the practice of voluntarily helping the poor, especially by giving money

ANSWERS: 11. invert, 12. philanthropy, 13. stimming, 14. neurology, 15. Alzheimer, 16. avian, 17. scotch, 18. philanthropy

19. s\_\_t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
20. ta\_\_\_e wires *n.* a confused mass of something twisted together
21. or\_\_\_\_i paper *n.* the Japanese art or practice of folding paper into decorative shapes and figures
22. li\_\_\_\_\_an retrieval curve *n.* the length of time for which a person, animal lives, or thing exists
23. fl\_\_\_\_\_n my opponent *v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed
24. sc\_\_\_h the deal *v.* to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom
25. congenital gl\_\_\_\_\_ma *n.* a group of eye disorders characterized by damage to the optic nerve, often associated with increased pressure within the eye; a leading cause of blindness
26. or\_\_\_\_i art *n.* the Japanese art or practice of folding paper into decorative shapes and figures

ANSWERS: 19. sect, 20. tangle, 21. origami, 22. lifespan, 23. flatten, 24. scotch, 25. glaucoma, 26. origami

27. sect s\_\_t
- n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
28. ne\_\_\_\_gy department
- n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
29. fl\_\_\_\_\_n a tire
- v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed
30. autistic st\_\_\_\_\_ng
- 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

ANSWERS: 27. sect, 28. neurology, 29. flatten, 30. stimming



## Session 3: Fill in the Blanks

1. My grandfather was diagnosed with \_\_\_\_\_ and had to undergo surgery to prevent further vision loss.
  - n.* a group of eye disorders characterized by damage to the optic nerve, often associated with increased pressure within the eye; a leading cause of blindness
2. Tech billionaires often spend the majority of their time on \_\_\_\_\_.
  - n.* the practice of voluntarily helping the poor, especially by giving money
3. The cords behind my computer were a \_\_\_\_\_ mess.
  - n.* a confused mass of something twisted together
4. I need to \_\_\_\_\_ these rumors before they spread any further.
  - v.* to put an end to or stop something from happening or continuing; to prevent, hinder or restrain something or someone from doing or achieving something; (noun, Scotch) things or people from Scotland, which is a country located in the United Kingdom
5. She is studying clinical \_\_\_\_\_ to become a brain surgeon.
  - n.* the branch of medicine that deals with the diagnosis and treatment of disorders of the nervous system
6. Autistic children may engage in \_\_\_\_\_ behaviors, such as rocking or hand flapping, to self-regulate.
  - 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
7. He decided to \_\_\_\_\_ his investment portfolio, shifting from stocks to bonds.
  - v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something

ANSWERS: 1. glaucoma, 2. philanthropy, 3. tangled, 4. scotch, 5. neurology, 6. stimming, 7. invert

8. Generally speaking, men have a shorter \_\_\_\_\_ than women.  
*n.* the length of time for which a person, animal lives, or thing exists
9. The minority \_\_\_\_\_ believed in a set of unconventional religious practices.  
*n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
10. I love making \_\_\_\_\_ cranes during my free time.  
*n.* the Japanese art or practice of folding paper into decorative shapes and figures
11. The magic tricks \_\_\_\_\_ the children.  
*v.* to attract and hold the attention of someone deeply and irresistibly
12. The horror movie was filled with \_\_\_\_\_ characters that haunted the viewers' dreams.  
*adj.* mentally disturbed or deranged; crazed; irrational or insane in behavior, thought, or perception
13. The hurricane's powerful winds \_\_\_\_\_ entire neighborhoods, leaving only rubble.  
*v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed
14. The expert on \_\_\_\_\_ species studied the behavior of different types of birds.  
*adj.* relating to or characteristic of birds
15. My grandmother has \_\_\_\_\_ disease requires special care and attention from her caregivers.  
*n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

ANSWERS: 8. lifespan, 9. sect, 10. origami, 11. fascinated, 12. demented, 13. flattened, 14. avian, 15. Alzheimer's

ANSWERS: