

# Englist.me



## Vocabulary Builder Reference from...

*Rose Eveleth: How do we smell? | TED Talk*

[https://www.ted.com/talks/rose\\_eveleth\\_how\\_do\\_we\\_smell](https://www.ted.com/talks/rose_eveleth_how_do_we_smell)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### dedicate

*v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use

*synonym*: consecrate, devote, commit

(1) **dedicate** a few hours, (2) **dedicate** a chapter to the subject

He **dedicated** his life to helping others.

### sniff

*v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath

*synonym*: smell, inhale, scent

(1) **sniff** the air, (2) **sniff** the perfume

The dog stopped to **sniff** around the tree, looking for something interesting.

### nostril

*n.* either of the two openings in the nose through which air is breathed

*synonym*: nose hole, nasal passage, naris

(1) bleeding **nostril**, (2) clogged **nostril**

She had a tissue ready to wipe her **nostril** after a sneeze.

### 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.

## epithelial

*adj.* relating to the layer of cells that covers the majority of the body's surfaces

(1) **epithelial** surface, (2) **epithelial** layer

The majority of cells in the lung are **epithelial** cells.

## neuron

*n.* 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.

## bud

*n.* a small swelling on a plant stem or twig containing an undeveloped shoot

*synonym* : shoot, sprout, germ

(1) pinch off a **bud**, (2) **bud** grafting

The flower was starting to show its **bud** and would soon bloom into a beautiful blossom.

## mucus

*n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

*synonym* : secretion, slime, saliva

(1) airway **mucus**, (2) nasal **mucus**

When the body temperature drops, **mucus** secretion fails.

## dissolve

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

*synonym* : disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

## puny

*adj.* small, weak, or frail in size, strength, or appearance; insignificant or unimportant in value or impact

*synonym* : small, weak, feeble

(1) **puny** muscles, (2) **puny** excuse

The weightlifter could easily lift the **puny** dumbbell with one hand.

## amygdala

*n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell

(1) the decline in **amygdala** activity, (2) **amygdala** damage

The **amygdala** has been associated with memories of past emotional events.

## thalamus

*n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing

*synonym* : sensory gateway, brainstem

(1) **thalamus** function, (2) **thalamus** injury

Damage to the **thalamus** can lead to sensory processing disorders and disruptions in perception.

## neocortex

*n.* the part of the cerebral cortex that is responsible for higher brain functions such as conscious thought and decision-making

*synonym* : prefrontal lobe, cerebral cortex, forebrain

(1) stored in **neocortex**, (2) **neocortex** function

The cerebral **neocortex** is responsible for higher brain functions such as decision-making and problem-solving.

## hemisphere

*n.* half of the terrestrial globe; half of a sphere

(1) northern **hemisphere**, (2) cerebral **hemisphere**

This weather pattern is unique to the southern **hemisphere**.

## asparagus

*n.* a green vegetable with long, slender stalks and small, pointed leaves, often eaten boiled or steamed as a side

dish

(1) **asparagus** salad, (2) **asparagus** soup

I love cooking **asparagus** with garlic and olive oil.

## **anosmia**

*n.* the loss or absence of the sense of smell; the inability to detect or perceive odors

*synonym* : smell loss, olfactory dysfunction

(1) COVID-related **anosmia**, (2) temporary **anosmia**

Doctors recommend smell training as a potential **anosmia** treatment for some patients.

## **allicin**

*n.* a compound that is produced when garlic is crushed or chopped, known for its antimicrobial properties and contributing to the distinctive odor of garlic

(1) powerful **allicin**, (2) natural **allicin** extract

Many people take **allicin** supplements to boost their immune system and prevent illnesses.

## **eugenol**

*n.* a colorless or pale yellow oily liquid found in certain essential oils, especially clove oil, with a strong, spicy aroma, often used in the production of perfumes and flavorings and as an analgesic in dentistry

*synonym* : eugenol, clove oil, aromatic compound

(1) aromatic **eugenol**, (2) **eugenol-based** medication

Patients with certain allergies need to be careful with products containing **eugenol** compounds.

## **cleave**

*v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively

*synonym* : split, sever, cleave

(1) **cleave** meat, (2) **cleave** the party

He swung the axe with all his might to **cleave** the wood in half.

## **swell**

*v.* to become larger or more inflated; to become more intense or important

*synonym* : expand, increase, inflate

(1) **swell** at room temperature, (2) **swell** a population  
His arm was **swelling** from the insect bite.

## infect

v. to affect a person, an animal, or a plant with a disease-causing organism

*synonym* : pollute, contaminate, affect

(1) **infect** other animal species, (2) **infect** a computer with a virus

Children often **infect** parents with this head cold.

## hamper

v. to hinder or impede the progress or movement of something or someone; to prevent or limit the functioning or effectiveness of something or someone; to obstruct or block access to something

*synonym* : hinder, impede, obstruct

(1) **hamper** progress, (2) **hamper** growth

The piles of laundry on the floor **hampered my** ability to walk around my room.

## chew

v. to crush or grind something, especially food, with the teeth and then swallow it

*synonym* : masticate, crush, grind

(1) **chew** each word, (2) **chew** a stick of gum

My dog loves to **chew** on bones.

## saltiness

n. the quality or state of being salty

(1) the taste of **saltiness**, (2) enhance the **saltiness**

She tasted the dish and detected a slight **saltiness**.

## fume

v. to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way;  
(noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion

*synonym* : smoke, vaporize, emit

(1) **fume** with anger, (2) acrid **fumes**

The angry customer began to **fume** when their order was

delayed.

**roast**

v. to cook food by surrounding it with hot, dry air, especially in an oven

*synonym*: bake, broil, grill

(1) **roast** coffee beans, (2) **roast** beef

The chef **roasted** the chicken to perfection in the oven.

## Session 2: Spelling

1. p\_\_y excuse *adj.* small, weak, or frail in size, strength, or appearance; insignificant or unimportant in value or impact
2. clogged no\_\_\_\_l *n.* either of the two openings in the nose through which air is breathed
3. ol\_\_\_\_ry cortex *adj.* relating to the sense of smell; connected with the perception of odors or scents
4. ro\_\_t beef *v.* to cook food by surrounding it with hot, dry air, especially in an oven
5. acrid f\_\_es *v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way; (noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion
6. stored in ne\_\_\_\_ex *n.* the part of the cerebral cortex that is responsible for higher brain functions such as conscious thought and decision-making
7. th\_\_\_\_us injury *n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing
8. epi\_\_\_\_al surface *adj.* relating to the layer of cells that covers the majority of the body's surfaces

ANSWERS: 1. puny, 2. nostril, 3. olfactory, 4. roast, 5. fume, 6. neocortex, 7. thalamus, 8. epithelial

9. ha\_\_\_r growth      *v.* to hinder or impede the progress or movement of something or someone; to prevent or limit the functioning or effectiveness of something or someone; to obstruct or block access to something
10. sn\_\_\_f the air      *v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
11. eu\_\_\_\_\_l-based medication      *n.* a colorless or pale yellow oily liquid found in certain essential oils, especially clove oil, with a strong, spicy aroma, often used in the production of perfumes and flavorings and as an analgesic in dentistry
12. bleeding no\_\_\_\_\_l      *n.* either of the two openings in the nose through which air is breathed
13. di\_\_\_\_\_ve the sugar      *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
14. epi\_\_\_\_\_al layer      *adj.* relating to the layer of cells that covers the majority of the body's surfaces
15. am\_\_\_\_\_la damage      *n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
16. natural al\_\_\_\_\_n extract      *n.* a compound that is produced when garlic is crushed or chopped, known for its antimicrobial properties and contributing to the distinctive odor of garlic

ANSWERS: 9. hamper, 10. sniff, 11. eugenol, 12. nostril, 13. dissolve, 14. epithelial, 15. amygdala, 16. allicin



17. in\_\_\_t a computer with a virus      *v.* to affect a person, an animal, or a plant with a disease-causing organism
18. f\_\_e with anger      *v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way; (noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion
19. as\_\_\_\_\_us soup      *n.* a green vegetable with long, slender stalks and small, pointed leaves, often eaten boiled or steamed as a side dish
20. officially di\_\_\_\_\_ved the marriage      *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
21. airway mu\_\_s      *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
22. powerful al\_\_\_\_\_n      *n.* a compound that is produced when garlic is crushed or chopped, known for its antimicrobial properties and contributing to the distinctive odor of garlic
23. aromatic eu\_\_\_\_\_l      *n.* a colorless or pale yellow oily liquid found in certain essential oils, especially clove oil, with a strong, spicy aroma, often used in the production of perfumes and flavorings and as an analgesic in dentistry
24. p\_\_y muscles      *adj.* small, weak, or frail in size, strength, or appearance; insignificant or unimportant in value or impact

ANSWERS: 17. infect, 18. fume, 19. asparagus, 20. dissolve, 21. mucus, 22. allicin, 23. eugenol, 24. puny

25. the decline in am\_\_\_\_la activity      *n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell
26. ro\_\_t coffee beans      *v.* to cook food by surrounding it with hot, dry air, especially in an oven
27. c\_\_w each word      *v.* to crush or grind something, especially food, with the teeth and then swallow it
28. cl\_\_\_e the party      *v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively
29. sw\_\_l a population      *v.* to become larger or more inflated; to become more intense or important
30. COVID-related an\_\_\_\_a      *n.* the loss or absence of the sense of smell; the inability to detect or perceive odors
31. sn\_\_f the perfume      *v.* to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
32. cerebral hem\_\_\_\_re      *n.* half of the terrestrial globe; half of a sphere
33. de\_\_\_\_te a chapter to the subject      *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
34. th\_\_\_\_us function      *n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing

ANSWERS: 25. amygdala, 26. roast, 27. chew, 28. cleave, 29. swell, 30. anosmia, 31. sniff, 32. hemisphere, 33. dedicate, 34. thalamus

35. enhance the sa\_\_\_\_\_ss *n.* the quality or state of being salty
36. temporary an\_\_\_\_\_a *n.* the loss or absence of the sense of smell; the inability to detect or perceive odors
37. cl\_\_\_\_\_e meat *v.* to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively
38. ne\_\_\_\_\_n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
39. the taste of sa\_\_\_\_\_ss *n.* the quality or state of being salty
40. de\_\_\_\_\_te a few hours *v.* to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
41. nasal mu\_\_\_\_s *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
42. ha\_\_\_\_\_r progress *v.* to hinder or impede the progress or movement of something or someone; to prevent or limit the functioning or effectiveness of something or someone; to obstruct or block access to something
43. excite the ne\_\_\_\_\_ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 35. saltiness, 36. anosmia, 37. cleave, 38. neuron, 39. saltiness, 40. dedicate, 41. mucus, 42. hamper, 43. neuron

44. ol\_\_\_\_\_ry memory *adj.* relating to the sense of smell; connected with the perception of odors or scents
45. pinch off a b\_d *n.* a small swelling on a plant stem or twig containing an undeveloped shoot
46. in\_\_\_t other animal species *v.* to affect a person, an animal, or a plant with a disease-causing organism
47. ne\_\_\_\_\_ex function *n.* the part of the cerebral cortex that is responsible for higher brain functions such as conscious thought and decision-making
48. as\_\_\_\_\_us salad *n.* a green vegetable with long, slender stalks and small, pointed leaves, often eaten boiled or steamed as a side dish
49. sw\_\_l at room temperature *v.* to become larger or more inflated; to become more intense or important
50. b\_d grafting *n.* a small swelling on a plant stem or twig containing an undeveloped shoot
51. northern hem\_\_\_\_\_re *n.* half of the terrestrial globe; half of a sphere
52. c\_\_w a stick of gum *v.* to crush or grind something, especially food, with the teeth and then swallow it

ANSWERS: 44. olfactory, 45. bud, 46. infect, 47. neocortex, 48. asparagus, 49. swell, 50. bud, 51. hemisphere, 52. chew

## Session 3: Fill in the Blanks

1. The political party \_\_\_\_\_ after much internal fighting.
  - v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
  
2. His arm was \_\_\_\_\_ from the insect bite.
  - v. to become larger or more inflated; to become more intense or important
  
3. I love cooking \_\_\_\_\_ with garlic and olive oil.
  - n. a green vegetable with long, slender stalks and small, pointed leaves, often eaten boiled or steamed as a side dish
  
4. The dog stopped to \_\_\_\_\_ around the tree, looking for something interesting.
  - v. to inhale audibly through the nose, often to detect or identify a smell; to draw in air through the nostrils with a quick, audible intake of breath
  
5. He \_\_\_\_\_ his life to helping others.
  - v. to give all of your energy, time, etc., entirely to a specific person, activity, or cause; to set apart for a particular purpose or use
  
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. He swung the axe with all his might to \_\_\_\_\_ the wood in half.
  - v. to split or divide something into two parts, often with force; to adhere or cling to something closely and cohesively

ANSWERS: 1. dissolved, 2. swelling, 3. asparagus, 4. sniff, 5. dedicated, 6. neuron, 7. cleave

8. The cerebral \_\_\_\_\_ is responsible for higher brain functions such as decision-making and problem-solving.
- n.* the part of the cerebral cortex that is responsible for higher brain functions such as conscious thought and decision-making
9. Children often \_\_\_\_\_ parents with this head cold.
- v.* to affect a person, an animal, or a plant with a disease-causing organism
10. The angry customer began to \_\_\_\_\_ when their order was delayed.
- v.* to emit gas, smoke, vapor, or a strong, unpleasant odor; to show anger, irritation, or annoyance in a visible way; (noun) gas or vapor that is emitted from a substance, usually as a result of heating or combustion
11. The piles of laundry on the floor \_\_\_\_\_ ability to walk around my room.
- v.* to hinder or impede the progress or movement of something or someone; to prevent or limit the functioning or effectiveness of something or someone; to obstruct or block access to something
12. My dog loves to \_\_\_\_\_ on bones.
- v.* to crush or grind something, especially food, with the teeth and then swallow it
13. This weather pattern is unique to the southern \_\_\_\_\_.
- n.* half of the terrestrial globe; half of a sphere
14. She had a tissue ready to wipe her \_\_\_\_\_ after a sneeze.
- n.* either of the two openings in the nose through which air is breathed
15. When the body temperature drops, \_\_\_\_\_ secretion fails.
- n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

ANSWERS: 8. neocortex, 9. infect, 10. fume, 11. hampered my, 12. chew, 13. hemisphere, 14. nostril, 15. mucus

16. The flower was starting to show its \_\_\_\_ and would soon bloom into a beautiful blossom.
- n.* a small swelling on a plant stem or twig containing an undeveloped shoot
17. Patients with certain allergies need to be careful with products containing \_\_\_\_\_ compounds.
- n.* a colorless or pale yellow oily liquid found in certain essential oils, especially clove oil, with a strong, spicy aroma, often used in the production of perfumes and flavorings and as an analgesic in dentistry
18. Doctors recommend smell training as a potential \_\_\_\_\_ treatment for some patients.
- n.* the loss or absence of the sense of smell; the inability to detect or perceive odors
19. The chef \_\_\_\_\_ the chicken to perfection in the oven.
- v.* to cook food by surrounding it with hot, dry air, especially in an oven
20. Many people take \_\_\_\_\_ supplements to boost their immune system and prevent illnesses.
- n.* a compound that is produced when garlic is crushed or chopped, known for its antimicrobial properties and contributing to the distinctive odor of garlic
21. 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
22. She tasted the dish and detected a slight \_\_\_\_\_.
- n.* the quality or state of being salty
23. Damage to the \_\_\_\_\_ can lead to sensory processing disorders and disruptions in perception.
- n.* a midline, interbrain structure that forms a major part of the brain's sensory and motor pathways, receiving signals from various body parts and sending them to appropriate parts of the cerebral cortex for processing

ANSWERS: 16. bud, 17. eugenol, 18. anosmia, 19. roasted, 20. allicin, 21. olfactory,

22. saltiness, 23. thalamus



24. The weightlifter could easily lift the \_\_\_\_\_ dumbbell with one hand.

*adj.* small, weak, or frail in size, strength, or appearance; insignificant or unimportant in value or impact

25. The \_\_\_\_\_ has been associated with memories of past emotional events.

*n.* one of two parts of the almond-shaped neural structure that are linked to emotions, especially fear and pleasure, memory, and the sense of smell

26. The majority of cells in the lung are \_\_\_\_\_ cells.

*adj.* relating to the layer of cells that covers the majority of the body's surfaces

ANSWERS: 24. puny, 25. amygdala, 26. epithelial