

# Englist.me



## Vocabulary Builder Reference from...

Leslie Kenna: *The brilliance of bioluminescence* |  
TED Talk

[https://www.ted.com/talks/leslie\\_kenna\\_the\\_brilliance\\_of\\_bioluminescence](https://www.ted.com/talks/leslie_kenna_the_brilliance_of_bioluminescence)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### creep

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

*synonym*: crawl, glide, encroach

(1) **creep** along the leaf, (2) **creep** toward the mouse

Aging **creeps** up slowly with time.

### flit

v. to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect

*synonym*: flutter, dart, skim

(1) **flit** away into the darkness, (2) **flit** from place to place

The butterfly would **flit** from flower to flower, collecting nectar.

### anglerfish

n. a type of deep-sea fish that possesses a long, stalk-like appendage on its head with a glowing tip that it uses to attract prey; known for their unusual and often menacing appearance

(1) **anglerfish** habitat, (2) bioluminescent **anglerfish**

The deep-sea **anglerfish** is one of the ocean's most fascinating creatures, living in harsh and extreme conditions.

### bioluminescence

n. the production and emission of light by living creatures, such as glowworms, fireflies, etc.

(1) firefly **bioluminescence**, (2) **bioluminescence** of biological sample

Certain squids acquire symbiotic **bioluminescence** by feeding on specific microorganisms.

## **rave**

*v.* to talk in a noisy, excited, or uncontrolled manner; to praise someone or something enthusiastically

*synonym*: babble, freak out, be enthusiastic

(1) **rave** against the politician, (2) **rave** myself hoarse

You can rant and **rave** at the arrest, but you'll still have to accept it.

## **improvisation**

*n.* the act of making something up on the spot or creating or performing something without preparation

*synonym*: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

## **firefly**

*n.* a flying nocturnal insect common in warm regions with a tail that shines in the dark

(1) the glow of a **firefly**, (2) sparkle like **firefly**

In that country, there is a culture of eating live **firefly** squid.

## **predator**

*n.* an animal whose natural behavior is to prey on others

*synonym*: vulture, bloodsucker

(1) apex **predator**, (2) sexual **predators**

The native South American animals were in danger because of the **predator's** arrival.

## **spew**

*v.* to eject forcefully and abundantly; to flow out rapidly and in large amounts

*synonym*: vomit, spout, discharge

(1) **spew** carbon dioxide, (2) **spew** insults

The volcano started to **spew** lava and ash, causing panic among residents.

## glowing

*adj.* highly enthusiastic; greatly praised

*synonym* : burning, bright, flaming

(1) **glowing** reviews, (2) **glowing** cheeks

The western sky was **glowing** pink.

## puke

*v.* to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred

*synonym* : vomit, hurl, upchuck

(1) **puke** my guts, (2) **puke** in the toilet

The smell of rotting food made him **puke** in disgust.

## luminescent

*adj.* emitting light or glowing softly, often without heat; having the ability to produce or emit light, especially through chemical reactions or by absorbing and then releasing energy

*synonym* : glowing, radiant, shining

(1) soft **luminescent** glow, (2) mesmerizing **luminescent** effect

The **luminescent** stars illuminated the night sky.

## 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.

## esca

*n.* a piece of bait used in fishing to attract and deceive the fish

*synonym* : lure, bait, decoy

(1) **esca** bait, (2) the glow of the **esca**

The female anglerfish's **esca** is a fascinating adaptation to the challenges of deep-sea living.

## sack

*v.* to remove or dismiss someone from a position or place;  
(noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things

*synonym* : discharge, remove, (noun) bag

(1) **sack** an employee, (2) a sleep **sack**

He was **sacked** from his job for stealing company property.

## lantern

*n.* a portable source of lighting, typically featuring a protective enclosure for the light source

*synonym* : lamp, beacon, flashlight

(1) candle **lantern**, (2) a **lantern** in the dark

The paper-covered **lantern** glowed softly in the darkness.

## luciferase

*n.* an enzyme that produces bioluminescence in organisms such as fireflies, glow worms, and some marine creatures, often used as a tool in scientific research to detect and measure the presence of certain molecules or processes

*synonym* : bioluminescent protein

(1) fluorescent **luciferase**, (2) genetically modified **luciferase**

The **luciferase** assay is a standard tool in molecular biology for measuring gene expression levels.

## incandescent

*adj.* emitting light as a result of being heated; shining brightly; passionate or enthusiastic

*synonym* : glowing, radiant, brilliant

(1) **incandescent** emotion, (2) **incandescent** personality

The **incandescent** lights in the room created a warm and inviting atmosphere.

## replenish

*v.* to fill something that had previously been emptied

*synonym* : refill, reload, restock

(1) **replenish** a reserve fund, (2) **replenish** my spirit

Please **replenish** my glass with some more wine.

## Session 2: Spelling

- |                                    |    |   |
|------------------------------------|----|---|
| 1. re____t a place                 | v. | to go to a place again, especially after a long period  |
| 2. imp_____ion on stage            | n. | the act of making something up on the spot or creating or performing something without preparation  |
| 3. re____t an old friend           | v. | to go to a place again, especially after a long period  |
| 4. re_____sh my spirit             | v. | to fill something that had previously been emptied  |
| 5. f__t away into the darkness     | v. | to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect  |
| 6. s__w carbon dioxide             | v. | to eject forcefully and abundantly; to flow out rapidly and in large amounts  |
| 7. p__e my guts                    | v. | to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred  |
| 8. genetically modified luc_____se | n. | an enzyme that produces bioluminescence in organisms such as fireflies, glow worms, and some marine creatures, often used as a tool in scientific research to detect and measure the presence of certain molecules or processes |
| 9. cr__p along the leaf            | v. | to move slowly, quietly, and carefully, usually to avoid being seen or heard  |

ANSWERS: 1. revisit, 2. improvisation, 3. revisit, 4. replenish, 5. flit, 6. spew, 7. puke, 8. luciferase, 9. creep

- |                                   |  |
|-----------------------------------|--|
| 10. inc_____ent emotion           | <i>adj.</i> emitting light as a result of being heated; shining brightly; passionate or enthusiastic   |
| 11. the glow of the e__a          | <i>n.</i> a piece of bait used in fishing to attract and deceive the fish  |
| 12. mesmerizing lum_____nt effect | <i>adj.</i> emitting light or glowing softly, often without heat; having the ability to produce or emit light, especially through chemical reactions or by absorbing and then releasing energy |
| 13. re_____sh a reserve fund      | <i>v.</i> to fill something that had previously been emptied   |
| 14. e__a bait                     | <i>n.</i> a piece of bait used in fishing to attract and deceive the fish  |
| 15. firefly bio_____nce           | <i>n.</i> the production and emission of light by living creatures, such as glowworms, fireflies, etc.   |
| 16. jazz imp_____ion              | <i>n.</i> the act of making something up on the spot or creating or performing something without preparation   |
| 17. candle la_____n               | <i>n.</i> a portable source of lighting, typically featuring a protective enclosure for the light source   |
| 18. cr__p toward the mouse        | <i>v.</i> to move slowly, quietly, and carefully, usually to avoid being seen or heard   |
| 19. apex pr_____or                | <i>n.</i> an animal whose natural behavior is to prey on others  |
| 20. a sleep s__k                  | <i>v.</i> to remove or dismiss someone from a position or place; (noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things                |

ANSWERS: 10. incandescent, 11. esca, 12. luminescent, 13. replenish, 14. esca, 15. bioluminescence, 16. improvisation, 17. lantern, 18. creep, 19. predator, 20. sack

21. s\_\_k an employee      *v.* to remove or dismiss someone from a position or place; (noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things
22. r\_\_e myself hoarse      *v.* to talk in a noisy, excited, or uncontrolled manner; to praise someone or something enthusiastically
23. s\_\_w insults      *v.* to eject forcefully and abundantly; to flow out rapidly and in large amounts
24. a la\_\_\_\_n in the dark      *n.* a portable source of lighting, typically featuring a protective enclosure for the light source
25. the glow of a fi\_\_\_\_y      *n.* a flying nocturnal insect common in warm regions with a tail that shines in the dark
26. gl\_\_\_\_g reviews      *adj.* highly enthusiastic; greatly praised
27. inc\_\_\_\_ent personality      *adj.* emitting light as a result of being heated; shining brightly; passionate or enthusiastic
28. soft lum\_\_\_\_nt glow      *adj.* emitting light or glowing softly, often without heat; having the ability to produce or emit light, especially through chemical reactions or by absorbing and then releasing energy
29. f\_\_t from place to place      *v.* to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect

ANSWERS: 21. sack, 22. rave, 23. spew, 24. lantern, 25. firefly, 26. glowing, 27. incandescent, 28. luminescent, 29. flit

30. gl\_\_\_\_g cheeks *adj.* highly enthusiastic; greatly praised
31. bioluminescent ang\_\_\_\_sh *n.* a type of deep-sea fish that possesses a long, stalk-like appendage on its head with a glowing tip that it uses to attract prey; known for their unusual and often menacing appearance
32. fluorescent luc\_\_\_\_se *n.* an enzyme that produces bioluminescence in organisms such as fireflies, glow worms, and some marine creatures, often used as a tool in scientific research to detect and measure the presence of certain molecules or processes
33. bio\_\_\_\_\_nce of biological sample *n.* the production and emission of light by living creatures, such as glowworms, fireflies, etc.
34. r\_\_e against the politician *v.* to talk in a noisy, excited, or uncontrolled manner; to praise someone or something enthusiastically
35. sexual pr\_\_\_\_ors *n.* an animal whose natural behavior is to prey on others
36. ang\_\_\_\_sh habitat *n.* a type of deep-sea fish that possesses a long, stalk-like appendage on its head with a glowing tip that it uses to attract prey; known for their unusual and often menacing appearance
37. p\_\_e in the toilet *v.* to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred

ANSWERS: 30. glowing, 31. anglerfish, 32. luciferase, 33. bioluminescence, 34. rave, 35. predator, 36. anglerfish, 37. puke



38. sparkle like fi\_\_\_\_y

*n.* a flying nocturnal insect common in warm regions with a tail that shines in the dark

ANSWERS: 38. firefly

## Session 3: Fill in the Blanks

1. The smell of rotting food made him \_\_\_\_\_ in disgust.
  - v. to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred
2. Please \_\_\_\_\_ my glass with some more wine.
  - v. to fill something that had previously been emptied
3. The paper-covered \_\_\_\_\_ glowed softly in the darkness.
  - n. a portable source of lighting, typically featuring a protective enclosure for the light source
4. The \_\_\_\_\_ stars illuminated the night sky.
  - adj. emitting light or glowing softly, often without heat; having the ability to produce or emit light, especially through chemical reactions or by absorbing and then releasing energy
5. The butterfly would \_\_\_\_\_ from flower to flower, collecting nectar.
  - v. to move quickly and lightly from place to place, often without purpose or direction; to flutter or dart quickly, like a bird or insect
6. The \_\_\_\_\_ assay is a standard tool in molecular biology for measuring gene expression levels.
  - n. an enzyme that produces bioluminescence in organisms such as fireflies, glow worms, and some marine creatures, often used as a tool in scientific research to detect and measure the presence of certain molecules or processes
7. We need to \_\_\_\_\_ this proposal as soon as the budget is more apparent than before.
  - v. to go to a place again, especially after a long period

ANSWERS: 1. puke, 2. replenish, 3. lantern, 4. luminescent, 5. flit, 6. luciferase, 7. revisit

8. The deep-sea \_\_\_\_\_ is one of the ocean's most fascinating creatures, living in harsh and extreme conditions.
- n.* a type of deep-sea fish that possesses a long, stalk-like appendage on its head with a glowing tip that it uses to attract prey; known for their unusual and often menacing appearance
9. The western sky was \_\_\_\_\_ pink.
- adj.* highly enthusiastic; greatly praised
10. The \_\_\_\_\_ lights in the room created a warm and inviting atmosphere.
- adj.* emitting light as a result of being heated; shining brightly; passionate or enthusiastic
11. The female anglerfish's \_\_\_\_\_ is a fascinating adaptation to the challenges of deep-sea living.
- n.* a piece of bait used in fishing to attract and deceive the fish
12. He created a beautiful piece of music using only \_\_\_\_\_.
- n.* the act of making something up on the spot or creating or performing something without preparation
13. The native South American animals were in danger because of the \_\_\_\_\_ arrival.
- n.* an animal whose natural behavior is to prey on others
14. The volcano started to \_\_\_\_\_ lava and ash, causing panic among residents.
- v.* to eject forcefully and abundantly; to flow out rapidly and in large amounts
15. In that country, there is a culture of eating live \_\_\_\_\_ squid.
- n.* a flying nocturnal insect common in warm regions with a tail that shines in the dark

ANSWERS: 8. anglerfish, 9. glowing, 10. incandescent, 11. esca, 12. improvisation, 13. predator's, 14. spew, 15. firefly

16. Certain squids acquire symbiotic \_\_\_\_\_ by feeding on specific microorganisms.
- n.* the production and emission of light by living creatures, such as glowworms, fireflies, etc.
17. You can rant and \_\_\_\_ at the arrest, but you'll still have to accept it.
- v.* to talk in a noisy, excited, or uncontrolled manner; to praise someone or something enthusiastically
18. Aging \_\_\_\_\_ up slowly with time.
- v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
19. He was \_\_\_\_\_ from his job for stealing company property.
- v.* to remove or dismiss someone from a position or place; (noun) a large bag made of strong, rough material, such as burlap, that is used for storing or carrying things

ANSWERS: 16. bioluminescence, 17. rave, 18. creeps, 19. sacked