

Englist.me



Vocabulary Builder Reference from...

Lucianne Walkowicz: Light waves, visible and invisible | TED Talk

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

Advanced Words Only

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

minuscule

adj. extremely small; tiny

synonym: tiny, insignificant, microscopic

(1) **minuscule** amount, (2) **minuscule** letters

This ore emits **minuscule** quantities of radiation

choppy

adj. having a rough, uneven, or irregular motion or flow; characterized by short or sudden movements or changes in direction

synonym: rough, uneven, occasional

(1) **choppy** market conditions, (2) **choppy** haircut

The **choppy** waters made it difficult for the fisherman to navigate his boat safely.

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.

retina

n. the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

excite

v. to make someone feel suddenly enthusiastic or eager
synonym: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

crackle

v. to make a succession of slight popping sounds, often due to the heating or drying of some materials, such as firewood, paper, plastic, or food; to snap, crack, or crunch; (noun) a series of sharp, popping sounds that are caused by the rapid expansion and contraction of a material, such as wood or paper, due to changes in temperature or humidity

synonym: sizzle, hiss, snap

(1) **crackle** on the gravel road, (2) the **crackle** of the thunder

The firewood **crackled** and popped into the fireplace, sending sparks up the chimney.

ultraviolet

adj. relating to or occupying the part of the spectrum beyond the violet end, especially radiation

synonym: black light, UV light, invisible light

(1) **ultraviolet** protection, (2) **ultraviolet** light

Ultraviolet radiation can cause skin damage if one is exposed for too long.

sunscreen

n. a substance, typically a lotion or spray, that is applied to the skin to protect it from the harmful effects of the sun's ultraviolet (UV) rays

synonym: sunblock, sun cream, suntan lotion

(1) **sunscreen** lotion, (2) natural **sunscreen**

Wearing **sunscreen** to protect your skin from harmful UV

rays is important.

crayon

n. a stick of colored wax, charcoal, chalk, or other material used for drawing or coloring; (verb) to draw or color with crayons, which are sticks of colored wax, chalk, or charcoal used for drawing or coloring

synonym: chalk, pastel, (verb) draw

(1) **crayon** drawing, (2) **crayon** her coloring books

The teacher handed out several different colored **crayons** to each student.

Session 2: Spelling

1. ex___e the crowd
v. to make someone feel suddenly enthusiastic or eager
2. ch___y haircut
adj. having a rough, uneven, or irregular motion or flow; characterized by short or sudden movements or changes in direction
3. natural su_____en
n. a substance, typically a lotion or spray, that is applied to the skin to protect it from the harmful effects of the sun's ultraviolet (UV) rays
4. mi_____le letters
adj. extremely small; tiny
5. cr_____e on the gravel road
v. to make a succession of slight popping sounds, often due to the heating or drying of some materials, such as firewood, paper, plastic, or food; to snap, crack, or crunch; (noun) a series of sharp, popping sounds that are caused by the rapid expansion and contraction of a material, such as wood or paper, due to changes in temperature or humidity
6. ex___e rebellion
v. to make someone feel suddenly enthusiastic or eager
7. cr___n drawing
n. a stick of colored wax, charcoal, chalk, or other material used for drawing or coloring; (verb) to draw or color with crayons, which are sticks of colored wax, chalk, or charcoal used for drawing or coloring

ANSWERS: 1. excite, 2. choppy, 3. sunscreen, 4. minuscule, 5. crackle, 6. excite, 7. crayon

8. re___al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
9. the cr_____e of the thunder *v.* to make a succession of slight popping sounds, often due to the heating or drying of some materials, such as firewood, paper, plastic, or food; to snap, crack, or crunch; (noun) a series of sharp, popping sounds that are caused by the rapid expansion and contraction of a material, such as wood or paper, due to changes in temperature or humidity
10. su_____en lotion *n.* a substance, typically a lotion or spray, that is applied to the skin to protect it from the harmful effects of the sun's ultraviolet (UV) rays
11. ult_____et protection *adj.* relating to or occupying the part of the spectrum beyond the violet end, especially radiation
12. mi_____le amount *adj.* extremely small; tiny
13. ult_____et light *adj.* relating to or occupying the part of the spectrum beyond the violet end, especially radiation
14. re___a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
15. 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: 8. retina, 9. crackle, 10. sunscreen, 11. ultraviolet, 12. minuscule, 13. ultraviolet, 14. retina, 15. stimming

16. 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
17. ch____y market conditions *adj.* having a rough, uneven, or irregular motion or flow; characterized by short or sudden movements or changes in direction
18. cr____n her coloring books *n.* a stick of colored wax, charcoal, chalk, or other material used for drawing or coloring; (verb) to draw or color with crayons, which are sticks of colored wax, chalk, or charcoal used for drawing or coloring

ANSWERS: 16. stimming, 17. choppy, 18. crayon

Session 3: Fill in the Blanks

1. This ore emits _____ quantities of radiation
adj. extremely small; tiny
2. 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
3. Damage to the _____ may play a role in the development of glaucoma.
n. the innermost light-sensitive membrane covering the back wall of the eyeball
4. The teacher handed out several different colored _____ to each student.
n. a stick of colored wax, charcoal, chalk, or other material used for drawing or coloring; (verb) to draw or color with crayons, which are sticks of colored wax, chalk, or charcoal used for drawing or coloring
5. Wearing _____ to protect your skin from harmful UV rays is important.
n. a substance, typically a lotion or spray, that is applied to the skin to protect it from the harmful effects of the sun's ultraviolet (UV) rays
6. The firewood _____ and popped into the fireplace, sending sparks up the chimney.
v. to make a succession of slight popping sounds, often due to the heating or drying of some materials, such as firewood, paper, plastic, or food; to snap, crack, or crunch; (noun) a series of sharp, popping sounds that are caused by the rapid expansion and contraction of a material, such as wood or paper, due to changes in temperature or humidity

ANSWERS: 1. minuscule, 2. stimming, 3. retina, 4. crayons, 5. sunscreen, 6. crackled

7. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager
8. The _____ waters made it difficult for the fisherman to navigate his boat safely.
adj. having a rough, uneven, or irregular motion or flow; characterized by short or sudden movements or changes in direction
9. _____ radiation can cause skin damage if one is exposed for too long.
adj. relating to or occupying the part of the spectrum beyond the violet end, especially radiation

ANSWERS: 7. excited, 8. choppy, 9. Ultraviolet