Englist.me

Vocabulary Builder Reference from...

Charles Wallace: When you're an ant but also a

fungus tycoon | TED Talk

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

_re_an_ant_but_also_a_fungus_tycoon



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

unfurl

v. to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed

synonym: unfold, expand, spread out

(1) unfurl my banner, (2) unfurl the sails

The flag slowly **unfurled** in the wind atop the flagpole.

fungus

 a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive

synonym: mold, mildew, yeast

(1) fungus infection, (2) symbiotic fungus

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

cockroach

 a flat, brown or black, chiefly nocturnal insects sometimes found in the home

synonym: roach

(1) cockroach killer, (2) have a cockroach phobia

Cockroaches sometimes cause allergic reactions in humans.

nestle

- v. to settle comfortably or cozily into a placesynonym: snuggle, cuddle, curl up
- (1) **nestle** deeper against him, (2) **nestle** in a cozy spot The cat **nestled** in my lap and fell asleep.

frenzy

- a state of wild, uncontrolled excitement or activity, often characterized by chaotic or irrational behavior
- synonym: frenetic, commotion, tumult
- (1) **frenzy** of activity, (2) buying **frenzy**

The shoppers were **frenzy** to get the best deals on Black Friday.

midair

- *n.* some point in the air; above ground level
- a midair collision, (2) thrown out into midair
 She flawlessly performed a midair somersault.

excavate

- v. to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover somethingsynonym: dig, unearth, extract
- (1) **excavate** a deep hole, (2) **excavate** soil

 The archaeologists **excavated** the ruins of an ancient city buried under the desert sands.

regurgitate

v. to bring back partially digested food from the stomach to the mouth; to repeat or recite something without understanding or adding anything new or original

synonym: repeat, echo, restate

(1) **regurgitate** food, (2) **regurgitate** information

The biology student had to **regurgitate** all the material she had learned for the final exam.

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 toiletThe smell of rotting food made him puke in disgust.

bedrock

- n. the solid rock underlying soil or alluviumsynonym: foundation, foundation stone, base
- (1) **bedrock** foundation, (2) **bedrock** geology

The **bedrock** beneath the soil is extremely solid and stable.

infertile

adj. unable to grow crops or sustain life; not able to produce offspring or offspring that are viable

synonym: barren, sterile, unproductive

(1) infertile woman, (2) infertile land

The soil in the desert is **infertile**, making it difficult to grow crops.

fertilize

v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

synonym: pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

feces

- n. waste matter eliminated from the bowels; excrementsynonym: poop, stool, excrement
- (1) feces sample, (2) human feces

Proper disposal of **feces** is essential for maintaining public health and sanitation.

foliage

 the leaves of a plant or tree, especially in large quantities or as seen from a distance; natural greenery, often used for decorative purposes

synonym: leaves, greenery, flora

(1) colorful foliage, (2) autumn foliage

The vibrant **foliage** on the vines made the winery look even more beautiful.

mandible

n. the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect

synonym: jawbone, bone, maxilla

(1) broken mandible, (2) insect mandible

The dentist inspected the patient's **mandible** during the routine check-up.

chomp

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.

aloft

adv. in the air; at a high place synonym: elevated, high, soaring

(1) go aloft, (2) carried aloft by police

The hot air balloon rose **aloft** into the sky, giving the passengers a breathtaking countryside view.

pathogen

a bacterium, virus, or other microorganism that causes disease

synonym: germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

morsel

 a small piece or fragment, particularly of food; a small, tasty, or pleasing bit of something

synonym: bit, bite, fragment

(1) mouth-watering **morsel**, (2) tiny **morsel**I only had a small **morsel** of cake while trying to watch my weight.

domesticate

v. to take control of animals or plants to provide food, power, or company

synonym: tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant We **domesticate** cows to gain milk and meat.

digestive

- adj. relating to or capable of causing or promoting digestion of food
- (1) **digestive** juices, (2) a **digestive** enzyme A nutritious diet improves **digestive** functions.

spoil

- v. to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad
 synonym: rot, decay, deteriorate
- (1) **spoil** a person's sport, (2) **spoil** the surprise If you leave the milk out of the refrigerator for too long, it will **spoil**.

tirelessly

- adv. without getting tired or fatigued; persistently,energetically, and continuously working with great effortsynonym: inexhaustibly, indefatigably, unceasingly
- (1) dedicated **tirelessly**, (2) **tirelessly** help out She worked **tirelessly** for hours to finish her project on time.

pheromone

 a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species

synonym: scent, odor, aroma

(1) **pheromone** trail, (2) sexual **pheromone**The perfume industry often uses synthetic **pheromones** to enhance their products' appeal.

entourage

n. a group of people who attend or surround an important and influential person

synonym: retinue

(1) presidential **entourage**, (2) member of his **entourage** The politician and his **entourage** arrived half an hour late.

nourish

v. to provide a person, an animal, or plant with food to make them grow and stay healthy

synonym: feed, sustain, nurture

(1) nourish damaged skin, (2) nourish hopeThe mother used her breast milk to nourish the baby.

larva

the immature free-living form of insect or an animal,
 which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

synonym: caterpillar, grub, maggot

(1) larva of a butterfly, (2) a moth larva

The butterfly emerged from its **larva** stage.

prune

a dried plum that has a black, wrinkled appearance;
 (verb) to cut off branches from a tree, bush, or plant,
 especially to encourage growth

synonym: (verb) trim, (verb) cut back

(1) prune a branch, (2) wrinkle like a prune

You should remove the seeds from the **prunes** before cooking.

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.

opportunistic

adj. making use of a current situation to get power or advantage, especially regardless of planning or principlesynonym: timeserving, conciliatory

(1) opportunistic fungus, (2) opportunistic behaviorMany of the party's members joined for simply opportunistic

hitch

v. to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle

synonym: fasten, jerk, tether

reasons.

(1) hitch a ride, (2) hitch up my trousers

The mechanics **hitched** the trailer to the broken-down car.

undercover

adj. carried out or conducted in secret, with one's true identity or purpose concealed; disguised, incognito

synonym: covert, hidden, stealthy

(1) **undercover** operation, (2) **undercover** journalist The **undercover** police officer was able to gather crucial evidence without being detected.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments He is very popular at school because he can **mimic** all the teachers' accents.

frolic

- v. to play and move around happily and energetically synonym: play, romp, gambol
- (1) **frolic** underwater, (2) **frolic** with friends Children **frolicked** in the park on a sunny day.

undetected

adj. not perceived or discoveredsynonym: undiscovered, hidden, concealed

(1) **undetected** cancer, (2) leave the house **undetected**Doctors made mistakes, and diseases remained **undetected**.

antagonist

 a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group

synonym: opponent, rival, adversary

(1) arch-nemesis **antagonist**, (2) literary **antagonist**The **antagonist** in the movie is a corrupt government official who obstructed the protagonist's mission.

virulent

adj. extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile

synonym: poisonous, venomous, toxic

(1) virulent disease, (2) virulent criticism

The **virulent** virus spread rapidly through the close-knit community.

elusive

adj. difficult to find, define, achieve, or remember synonym: mysterious, ambiguous, inapproachable

(1) an **elusive** criminal, (2) track down an **elusive** fact The physicist who found the **elusive** particle won the Nobel Prize.

parasitic

adj. living off another organism to the detriment of the host *synonym*: symbiotic, dependent, exploitative

(1) **parasitic** relationship, (2) brood- **parasitic** bird

The **parasitic** plant was able to survive by stealing nutrients from its host.

unchecked

adj. not restrained or controlled; not examined or scrutinized;allowed to proceed without restraint or interferencesynonym: uncontrolled, unrestrained, unbridled

(1) unchecked ambition, (2) unchecked growth
The unchecked spread of the virus led to a nationwide outbreak.

microorganism

 a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope

synonym: germ, microbe, bacterium

(1) pathogenic **microorganism**, (2) **microorganisms** in his gut

This **microorganism** is a producer of respiratory disease.

stunt

n. a feat or action that is often dangerous or difficult, designed to attract attention or admiration; something that blocks or impedes growth or development; (verb) to hinder or impede growth or development, especially in a physical or mental sense

synonym: feat, accomplishment, (verb) hinder

(1) skydiving **stunt**, (2) **stunt** brain growth

The daredevil attempted a dangerous **stunt** by jumping off a tall building with a parachute.

defoliate

v. to remove or shed the leaves from a plant, either intentionally or unintentionally; to cause leaves to fall off, typically with a herbicide or other chemical substance

synonym: strip, clear-cut, denude

(1) defoliate trees, (2) defoliate the field

The herbicide used to **defoliate** the plants also killed many of the surrounding flowers and trees.

anew

adv. in a new or different way

synonym: again, once more, fresh

(1) arm anew, (2) review anew

He decided to start **anew** and leave his old life behind.

Session 2: Spelling

1. sp I the surprise

2. dom____te the plant

3. have a co____ch phobia

4. sp | a person's sport

5. la__a of a butterfly

6. fe____ze the soil

7. fe s sample

8. an el e criminal

9. pr e a branch

- v. to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad
- v. to take control of animals or plants to provide food, power, or company
- *n.* a flat, brown or black, chiefly nocturnal insects sometimes found in the home
- v. to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad
- n. the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
- v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
- n. waste matter eliminated from the bowels; excrement
- adj. difficult to find, define, achieve, or remember
- a dried plum that has a black, wrinkled appearance; (verb) to cut off branches from a tree, bush, or plant, especially to encourage growth

ANSWERS: 1. spoil, 2. domesticate, 3. cockroach, 4. spoil, 5. larva, 6. fertilize, 7. feces, 8. elusive, 9. prune

10. go alt	adv.	in the air; at a high place
11. frc underwater	ν.	to play and move around happily and energetically
12. mic a human voice	ν.	to imitate someone's speech, movement, or behavior, especially to make others laugh
13. coch killer	n.	a flat, brown or black, chiefly nocturnal insects sometimes found in the home
14. micisms in his gut	n.	a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
15. arm aw	adv.	in a new or different way
16. opptic behavior	adj.	making use of a current situation to get power or advantage, especially regardless of planning or principle
17. bek geology	n.	the solid rock underlying soil or alluvium
18. fry of activity	n.	a state of wild, uncontrolled excitement or activity, often characterized by chaotic or irrational behavior
19. colorful foe	n.	the leaves of a plant or tree, especially in large quantities or as seen from a distance; natural greenery, often used for decorative purposes
20. unded cancer	adj.	not perceived or discovered
21. crp along the leaf	v.	to move slowly, quietly, and carefully, usually to avoid being seen or heard

of

ANSWERS: 10. aloft, 11. frolic, 12. mimic, 13. cockroach, 14. microorganism, 15. anew, 16. opportunistic, 17. bedrock, 18. frenzy, 19. foliage, 20. undetected, 21. creep

22.	paic relationship	adj.	living off another organism to the detriment of the host
23.	literary antst	n.	a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group
24.	fus infection	n.	a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
25.	pe in the toilet	<i>v</i> .	to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred
26.	bek foundation	n.	the solid rock underlying soil or alluvium
27.	exte soil	<i>v</i> .	to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something
28.	tirly help out	adv.	without getting tired or fatigued; persistently, energetically, and continuously working with great effort
29.	arch-nemesis antst	n.	a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group

ANSWERS: 22. parasitic, 23. antagonist, 24. fungus, 25. puke, 26. bedrock, 27. excavate, 28. tirelessly, 29. antagonist

30.	insect male	n.	the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect
31.	pathogenic micism	n.	a very small living thing that may exist in its single-celled form or as a colony o cells and is too small to be seen without a microscope
32.	nee in a cozy spot	v.	to settle comfortably or cozily into a place
33.	plant paen	n.	a bacterium, virus, or other microorganism that causes disease
34.	dete the field	v.	to remove or shed the leaves from a plant, either intentionally or unintentionally; to cause leaves to fall off, typically with a herbicide or other chemical substance
35.	presidential enge	n.	a group of people who attend or surround an important and influential person
36.	easy to domte	v.	to take control of animals or plants to provide food, power, or company
37.	uned ambition	adj.	not restrained or controlled; not examined or scrutinized; allowed to proceed without restraint or interference
38.	mic numerous instruments	v.	to imitate someone's speech, movement, or behavior, especially to make others laugh

ANSWERS: 30. mandible, 31. microorganism, 32. nestle, 33. pathogen, 34. defoliate, 35. entourage, 36. domesticate, 37. unchecked, 38. mimic

39.	autumn foe	n.	the leaves of a plant or tree, especially in large quantities or as seen from a distance; natural greenery, often used for decorative purposes
40.	a mir collision	n.	some point in the air; above ground level
41.	regte information	v.	to bring back partially digested food from the stomach to the mouth; to repeat or recite something without understanding or adding anything new or original
42.	nee deeper against him	<i>v</i> .	to settle comfortably or cozily into a place
43.	dive juices	adj.	relating to or capable of causing or promoting digestion of food
44.	uned growth	adj.	not restrained or controlled; not examined or scrutinized; allowed to proceed without restraint or interference
45.	mouth-watering moI	n.	a small piece or fragment, particularly of food; a small, tasty, or pleasing bit of something
46.	human fes	n.	waste matter eliminated from the bowels; excrement
47.	buying fry	n.	a state of wild, uncontrolled excitement or activity, often characterized by chaotic or irrational behavior
48.	exte a deep hole	v.	to dig or remove earth, rocks, or other materials from the ground or a site, often to uncover or discover something

ANSWERS: 39. foliage, 40. midair, 41. regurgitate, 42. nestle, 43. digestive, 44. unchecked, 45. morsel, 46. feces, 47. frenzy, 48. excavate

49.	vint disease	adj.	extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile
50.	the paen in the air	n.	a bacterium, virus, or other microorganism that causes disease
51.	phne trail	n.	a chemical substance produced by an animal that is secreted into the environment and that affects the behavior or physiology of others of its species
52.	noh damaged skin	ν.	to provide a person, an animal, or plant with food to make them grow and stay healthy
53.	under operation	adj.	carried out or conducted in secret, with one's true identity or purpose concealed; disguised, incognito
54.	brood-paic bird	adj.	living off another organism to the detriment of the host
55.	track down an ele fact	adj.	difficult to find, define, achieve, or remember
56.	crp toward the mouse	<i>v</i> .	to move slowly, quietly, and carefully, usually to avoid being seen or heard
57.	vint criticism	adj.	extremely harmful or poisonous, especially in a physical or biological sense; highly infectious or contagious; intensely bitter or hostile
58.	a dive enzyme	adj.	relating to or capable of causing or promoting digestion of food

ANSWERS: 49. virulent, 50. pathogen, 51. pheromone, 52. nourish, 53. undercover, 54. parasitic, 55. elusive, 56. creep, 57. virulent, 58. digestive

59. skydiving st t a feat or action that is often dangerous n. or difficult, designed to attract attention or admiration; something that blocks or impedes growth or development; (verb) to hinder or impede growth or development, especially in a physical or mental sense 60. symbiotic fu s a type of organism that includes yeasts, n. molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive 61. no h hope to provide a person, an animal, or plant with food to make them grow and stay healthy adv. in a new or different way 62. review a w 63. und____er journalist adj. carried out or conducted in secret, with one's true identity or purpose concealed; disguised, incognito a dried plum that has a black, wrinkled 64. wrinkle like a pr e n. appearance; (verb) to cut off branches from a tree, bush, or plant, especially to encourage growth 65. fe____ze the female egg to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well to vomit or eject the contents of the 66. p__e my guts ν. stomach through the mouth; to feel or experience extreme disgust or hatred

ANSWERS: 59. stunt, 60. fungus, 61. nourish, 62. anew, 63. undercover, 64. prune, 65. fertilize, 66. puke

67.	opptic fungus	adj.	making use of a current situation to get power or advantage, especially regardless of planning or principle
68.	a moth laa	n.	the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
69.	hih a ride	v.	to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle
70.	hih up my trousers	ν.	to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle
71.	regte food	v.	to bring back partially digested food from the stomach to the mouth; to repeat or recite something without understanding or adding anything new or original
72.	leave the house unded	adj.	not perceived or discovered
73.	inle land	adj.	unable to grow crops or sustain life; not able to produce offspring or offspring that are viable
74.	unI the sails	ν.	to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed
75.	unI my banner	ν.	to spread out or open something, such as a flag, sail, or wings, by shaking, shaking out, or extending it; to reveal or become revealed or disclosed

ANSWERS: 67. opportunistic, 68. larva, 69. hitch, 70. hitch, 71. regurgitate, 72. undetected, 73. infertile, 74. unfurl, 75. unfurl

ANSWERS: 76. pheromone, 77. infertile, 78. chomp, 79. defoliate, 80. stunt, 81. tirelessly, 82. aloft, 83. mandible

an insect

hinged to the skull and movable; a pair of these bones forming the lower jaw of

84. tl	hrown out into mir	n.	some point in the air; above ground level
85. ti	iny moI	n.	a small piece or fragment, particularly of food; a small, tasty, or pleasing bit of something
86. c	chp into an apple	ν.	to bite or chew something with forceful, aggressive, or heavy movements of the jaws or teeth
87. f	rc with friends	v.	to play and move around happily and energetically
88. n	member of his enge	n.	a group of people who attend or surround an important and influential person

ANSWERS: 84. midair, 85. morsel, 86. chomp, 87. frolic, 88. entourage

Session 3: Fill in the Blanks

antagonist

1.	The daredevil attempted a dangerous by jumping off a tall building with a parachute.
n.	a feat or action that is often dangerous or difficult, designed to attract attention or admiration; something that blocks or impedes growth or development; (verb) to hinder or impede growth or development, especially in a physical or mental sense
2.	The dentist inspected the patient's during the routine check-up.
n.	the lower jawbone in vertebrates, including humans, which is usually hinged to the skull and movable; a pair of these bones forming the lower jaw of an insect
3.	Doctors made mistakes, and diseases remained
adj	not perceived or discovered
4.	The biology student had to all the material she had learned for the final exam.
<i>v</i> .	to bring back partially digested food from the stomach to the mouth; to repeat or recite something without understanding or adding anything new or original
5.	He is very popular at school because he can all the teachers' accents.
<i>v</i> .	to imitate someone's speech, movement, or behavior, especially to make others laugh
6.	She flawlessly performed a somersault.
n.	some point in the air; above ground level
7.	The in the movie is a corrupt government official who obstructed the protagonist's mission.
n.	a person, group, or force that opposes or works against the protagonist, or the main character, in a story or drama; a person or thing that is in direct opposition or conflict with another person or group
AN	SWERS: 1. stunt, 2. mandible, 3. undetected, 4. regurgitate, 5. mimic, 6. midair, 7.

ANSWERS: 8. fungus, 9. nestled, 10. unchecked, 11. frolicked, 12. frenzy, 13. feces, 14. undercover, 15. spoil

v. to move something into a different position jerkily; to travel by getting free rides from motorists; to hook or entangle

ANSWERS: 16. opportunistic, 17. creeps, 18. pheromones, 19. nourish, 20. microorganism, 21. entourage, 22. excavated, 23. hitched

23. The mechanics the trailer to the broken-down car.

domesticate, 30. puke, 31. parasitic, 32. virulent

Vocab-Builder Ref from "Charles Wallace: When you're an ant but also a fungus tycoon | TED Talk" (44 words)

Vocab-Builder Ref from "Charles Wallace: When you're an ant but also a fungus tycoon | TED Talk" (44 words)

ANSWERS: 41. unfurled, 42. bedrock, 43. pathogens, 44. infertile,