

# Englist.me



## Vocabulary Builder Reference from...

*Lisa Harouni: A primer on 3D printing | TED Talk*

[https://www.ted.com/talks/lisa\\_harouni\\_a\\_primer\\_on\\_3d\\_printing](https://www.ted.com/talks/lisa_harouni_a_primer_on_3d_printing)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### tweak

v. to pinch or squeeze something sharply; to adjust something finely

*synonym*: nip, pinch, fine-tune

(1) **tweak** his cheek, (2) **tweak** the economy

He didn't **tweak** the plan, even though he had time.

### personalize

v. to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

*synonym*: customize, individualize, tailor

(1) **personalize** social media profile, (2) **personalize** my workspace

I like to **personalize** my phone case with a picture of my dog.

### fabricate

v. to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

*synonym*: manufacture, assemble, falsify

(1) **fabricate** a chemical, (2) **fabricate** an excuse

The detective discovered that the witness had **fabricated** her story about the crime.

## inefficient

*adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.

*synonym* : ineffective, counterproductive, inadequate

(1) **inefficient** use, (2) **inefficient** management

The system is still so **inefficient** that it is useless.

## inaccessible

*adj.* unable to travel to or reach; not available

*synonym* : inapproachable, unreachable, remote

(1) **inaccessible** to an unauthorized user, (2) **inaccessible** areas

Heavy snow made it **inaccessible** to go to the mountain village.

## disrupt

*v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

*synonym* : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

## salami

*n.* a type of cured meat, typically made from beef or pork and sliced thinly for use in sandwiches or as an appetizer

*synonym* : sausage, deli meat

(1) sliced **salami**, (2) garlic **salami**

I always add **salami** to my pizza toppings for extra flavor.

## passee

*adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date

*synonym* : outdated, old-fashioned, antique

(1) **passee** entertainment, (2) **passee** trend

Bell-bottom jeans, once considered **passee** fashion, have made a surprising comeback in recent years.

## infuse

*v.* to fill something with a particular quality, feeling, or influence; to imbue

*synonym* : instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning  
She **infused** fresh herbs into the soup for added flavor.

## sinter

*v.* to compact or fuse together powdered material, often through the application of heat, without melting it completely, often used in industrial processes to create solid objects or improve the properties of materials

*synonym* : fuse, weld, meld

(1) **sinter** iron ore fines, (2) **sinter** ceramics at a higher temperature

The metal particles began to **sinter** under high heat, forming a solid structure.

## fuse

*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat

*synonym* : (verb) melt, (verb) blend

(1) **fuse** blows, (2) **fuse** with one another

He has a short **fuse**.

## titanic

*adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)

*synonym* : colossal, massive, immense

(1) **titanic** battle, (2) **titanic** compound

The **titanic** ship sank on its maiden voyage.

## intricate

*adj.* having many different parts and small details that all work together

*synonym* : complicated, convoluted, complex

(1) **intricate** details, (2) **intricate** lacework

The politician managed to deal with that **intricate** issue.

## hinge

*n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close

*synonym* : joint, pivot

(1) a stiff **hinge**, (2) insecure **hinge**  
His involvement is the **hinge** of our plan.

## **abolish**

*v.* to do away with completely; to put an end to  
*synonym*: cancel, repeal, annul

(1) **abolish** slavery, (2) **abolish** censorship  
The government voted to **abolish** the outdated law.

## **sandstone**

*n.* a type of rock composed mainly of sand-sized grains of mineral or rock fragments  
*synonym*: arenite

(1) lithic **sandstone**, (2) **sandstone** building  
The **sandstone** cliffs along the coast are a natural wonder.

## **micron**

*n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms  
*synonym*: micrometer

(1) **micron** measurements, (2) **micron** imaging  
The width of a single human hair is around 100 **microns**.

## **reiterate**

*v.* to repeat something, typically for emphasis or clarity; to say or do something again and again  
*synonym*: repeat, iterate, restate

(1) **reiterate** a point, (2) **reiterate** their commitment  
I need to **reiterate** the importance of submitting your report by the deadline.

## **bespeak**

*v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic  
*synonym*: indicate, imply, suggest

(1) **bespeak** elegance, (2) **bespeak** good manners  
Your outfit **bespeaks** confidence and professionalism.

## **honeycomb**

*n.* a structure of hexagonal cells made of wax by bees as a place to store honey and to rear their young

*synonym* : hexagonal, beehive, lattice

(1) **honeycomb** lattice, (2) **honeycomb** pattern

The beehive was made of an intricate **honeycomb** pattern.

## porous

*adj.* having many small holes and being able to absorb or pass through fluids

*synonym* : permeable, spongy, absorbent

(1) **porous** materials, (2) **porous** membrane

Our unfenced and largely unpoliced border inevitably has been very **porous** for insurgents.

## 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**.

## whistle

*v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

*synonym* : sound, honk, tweet

(1) **whistle** a tune, (2) **whistle** for help

The employee decided to **whistle-blow** on the company's illegal activities.

## discontinue

*v.* to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress

*synonym* : halt, end, cease

(1) **discontinue** a service, (2) **discontinue** a project

The company has decided to **discontinue** the production of its unpopular product line.

## mold

*n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape

as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

*synonym*: cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

## iterate

*v.* to repeat or do something again, often to make improvements or correct errors; to go over or revisit something repeatedly; to restate or emphasize a point or idea

*synonym*: repeat, reiterate, echo

(1) **iterate** results, (2) **iterate** an experiment

We need to **iterate** on this design to improve its functionality.

## footprint

*n.* a mark of a foot, shoe, or animal's foot left on a surface

*synonym*: footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

## prosthetic

*adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant

(1) have **prosthetic** arms, (2) **prosthetic** limbs

New **prosthetic** joints are less prone to metal poisoning.

## bronchus

*n.* (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli

*synonym*: bronchi, airway, tube

(1) left **bronchus**, (2) **bronchus** wall

Smoking damages the **bronchus** and increases the risk of lung cancer.

## intricately

*adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components

*synonym* : complexly, elaborately

(1) **intricately** woven, (2) **intricately** decorated

The watch was **intricately** designed, with many small moving parts.

## **industrious**

*adj.* hardworking, diligent, and persistent in effort

*synonym* : diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

## Session 2: Spelling

- |  |   |
|--|---|
| 1. ho_____mb pattern                         | <i>n.</i> a structure of hexagonal cells made of wax by bees as a place to store honey and to rear their young  |
| 2. the fo_____nts of an earlier civilization | <i>n.</i> a mark of a foot, shoe, or animal's foot left on a surface  |
| 3. have pro_____ic arms                      | <i>adj.</i> of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant  |
| 4. pro_____ic limbs                          | <i>adj.</i> of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant  |
| 5. wh_____e for help                         | <i>v.</i> to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound |
| 6. di_____t sleep                            | <i>v.</i> to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance   |
| 7. ab_____h slavery                          | <i>v.</i> to do away with completely; to put an end to  |
| 8. a stiff hi__e                             | <i>n.</i> a joint that holds the edge of a door, window, lid, etc. and allows it to open or close   |

ANSWERS: 1. honeycomb, 2. footprint, 3. prosthetic, 4. prosthetic, 5. whistle, 6. disrupt, 7. abolish, 8. hinge



9. si\_\_\_r ceramics at a higher temperature
10. per\_\_\_\_\_ze social media profile
11. jazz imp\_\_\_\_\_ion
12. ind\_\_\_\_\_us worker
13. di\_\_\_\_\_t a well-ordered condition
14. in\_\_\_\_\_te details
15. int\_\_\_\_\_ly woven
16. sa\_\_\_\_\_ne building
- v. to compact or fuse together powdered material, often through the application of heat, without melting it completely, often used in industrial processes to create solid objects or improve the properties of materials
- v. to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
- n. the act of making something up on the spot or creating or performing something without preparation
- adj. hardworking, diligent, and persistent in effort
- v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
- adj. having many different parts and small details that all work together
- adv. in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
- n. a type of rock composed mainly of sand-sized grains of mineral or rock fragments

ANSWERS: 9. sinter, 10. personalize, 11. improvisation, 12. industrious, 13. disrupt, 14. intricate, 15. intricately, 16. sandstone

17. be\_\_\_\_k elegance *v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic
18. imp\_\_\_\_\_ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
19. mi\_\_\_\_n measurements *n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
20. it\_\_\_\_\_e results *v.* to repeat or do something again, often to make improvements or correct errors; to go over or revisit something repeatedly; to restate or emphasize a point or idea
21. tw\_\_k the economy *v.* to pinch or squeeze something sharply; to adjust something finely
22. mi\_\_\_\_n imaging *n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
23. be\_\_\_\_k good manners *v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic
24. left br\_\_\_\_\_us *n.* (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli

ANSWERS: 17. bespeak, 18. improvisation, 19. micron, 20. iterate, 21. tweak, 22. micron, 23. bespeak, 24. bronchus

25. fa\_\_\_\_\_te an excuse  
*v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
26. in\_\_\_\_\_te lacework  
*adj.* having many different parts and small details that all work together
27. ine\_\_\_\_\_nt use  
*adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
28. br\_\_\_\_\_us wall  
*n.* (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli
29. re\_\_\_\_\_te a point  
*v.* to repeat something, typically for emphasis or clarity; to say or do something again and again
30. dis\_\_\_\_\_ue a project  
*v.* to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress
31. ti\_\_\_\_\_c battle  
*adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
32. ine\_\_\_\_\_nt management  
*adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
33. in\_\_\_e life with meaning  
*v.* to fill something with a particular quality, feeling, or influence; to imbue

ANSWERS: 25. fabricate, 26. intricate, 27. inefficient, 28. bronchus, 29. reiterate, 30. discontinue, 31. titanic, 32. inefficient, 33. infuse

34. re\_\_\_\_\_te their commitment      *v.* to repeat something, typically for emphasis or clarity; to say or do something again and again
35. m\_\_d allergy      *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
36. si\_\_\_r iron ore fines      *v.* to compact or fuse together powdered material, often through the application of heat, without melting it completely, often used in industrial processes to create solid objects or improve the properties of materials
37. garlic sa\_\_\_i      *n.* a type of cured meat, typically made from beef or pork and sliced thinly for use in sandwiches or as an appetizer
38. wh\_\_\_\_\_e a tune      *v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound
39. pa\_\_e entertainment      *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
40. in\_\_\_e with spirit      *v.* to fill something with a particular quality, feeling, or influence; to imbue

ANSWERS: 34. reiterate, 35. mold, 36. sinter, 37. salami, 38. whistle, 39. passe, 40. infuse

41. f\_\_e blows *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
42. po\_\_\_s membrane *adj.* having many small holes and being able to absorb or pass through fluids
43. per\_\_\_\_\_ze my workspace *v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
44. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
45. int\_\_\_\_\_ly decorated *adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components
46. ab\_\_\_\_\_h censorship *v.* to do away with completely; to put an end to
47. f\_\_e with one another *n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
48. tw\_\_k his cheek *v.* to pinch or squeeze something sharply; to adjust something finely
49. fa\_\_\_\_\_te a chemical *v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone

ANSWERS: 41. fuse, 42. porous, 43. personalize, 44. industrious, 45. intricately, 46. abolish, 47. fuse, 48. tweak, 49. fabricate

50. insecure hi\_\_e *n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close
51. ho\_\_\_\_\_mb lattice *n.* a structure of hexagonal cells made of wax by bees as a place to store honey and to rear their young
52. ti\_\_\_\_\_c compound *adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
53. fo\_\_\_\_\_nts in the snow *n.* a mark of a foot, shoe, or animal's foot left on a surface
54. pa\_\_e trend *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
55. dis\_\_\_\_\_ue a service *v.* to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress
56. lithic sa\_\_\_\_\_ne *n.* a type of rock composed mainly of sand-sized grains of mineral or rock fragments
57. ina\_\_\_\_\_ble to an unauthorized user *adj.* unable to travel to or reach; not available
58. it\_\_\_\_\_e an experiment *v.* to repeat or do something again, often to make improvements or correct errors; to go over or revisit something repeatedly; to restate or emphasize a point or idea
59. sliced sa\_\_\_i *n.* a type of cured meat, typically made from beef or pork and sliced thinly for use in sandwiches or as an appetizer

ANSWERS: 50. hinge, 51. honeycomb, 52. titanic, 53. footprint, 54. passe, 55. discontinue, 56. sandstone, 57. inaccessible, 58. iterate, 59. salami

60. po\_\_\_s materials

*adj.* having many small holes and being able to absorb or pass through fluids

61. ina\_\_\_\_\_ble areas

*adj.* unable to travel to or reach; not available

62. a casting m\_\_d

*n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 60. porous, 61. inaccessible, 62. mold

## Session 3: Fill in the Blanks

1. He has a short \_\_\_\_\_.  
*n.* a small part in an electrical device or machinery that can interrupt the flow of electrical current when it is overloaded; (verb) to become plastic or fluid or liquefied from heat
2. The detective discovered that the witness had \_\_\_\_\_ her story about the crime.  
*v.* to make something, especially by assembling parts or constructing it from raw materials; to invent and present something false as true or real to deceive someone
3. I'm so sorry to \_\_\_\_\_ you when you're pretty busy.  
*v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
4. The \_\_\_\_\_ ship sank on its maiden voyage.  
*adj.* of or having a great size, power, or influence; of or relating to Titanium (= a light, strong grey, lustrous, corrosion-resistant metallic element)
5. The politician managed to deal with that \_\_\_\_\_ issue.  
*adj.* having many different parts and small details that all work together
6. We choose transportation that has a smaller carbon \_\_\_\_\_.  
*n.* a mark of a foot, shoe, or animal's foot left on a surface
7. I like to \_\_\_\_\_ my phone case with a picture of my dog.  
*v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

ANSWERS: 1. fuse, 2. fabricated, 3. disrupt, 4. titanic, 5. intricate, 6. footprint, 7. personalize



8. I need to \_\_\_\_\_ the importance of submitting your report by the deadline.  
*v.* to repeat something, typically for emphasis or clarity; to say or do something again and again
9. The company has decided to \_\_\_\_\_ the production of its unpopular product line.  
*v.* to cease or stop doing something; to interrupt or terminate something that is already ongoing or in progress
10. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
11. She \_\_\_\_\_ fresh herbs into the soup for added flavor.  
*v.* to fill something with a particular quality, feeling, or influence; to imbue
12. The system is still so \_\_\_\_\_ that it is useless.  
*adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
13. Bell-bottom jeans, once considered \_\_\_\_\_ fashion, have made a surprising comeback in recent years.  
*adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
14. The metal particles began to \_\_\_\_\_ under high heat, forming a solid structure.  
*v.* to compact or fuse together powdered material, often through the application of heat, without melting it completely, often used in industrial processes to create solid objects or improve the properties of materials
15. We need to \_\_\_\_\_ on this design to improve its functionality.  
*v.* to repeat or do something again, often to make improvements or correct errors; to go over or revisit something repeatedly; to restate or emphasize a point or idea

ANSWERS: 8. reiterate, 9. discontinue, 10. industrious, 11. infused, 12. inefficient, 13. passe, 14. sinter, 15. iterate

16. Smoking damages the \_\_\_\_\_ and increases the risk of lung cancer.  
*n.* (in the plural, "bronchi") either of the two main branches of the trachea that lead to the lungs and distribute air to the bronchioles and alveoli
17. The width of a single human hair is around 100 \_\_\_\_\_.  
*n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
18. New \_\_\_\_\_ joints are less prone to metal poisoning.  
*adj.* of or relating to an artificial part of the body, such as a limb, a heart, or a breast implant
19. Mushrooms and \_\_\_\_\_ are fungi.  
*n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
20. Our unfenced and largely unpoliced border inevitably has been very \_\_\_\_\_ for insurgents.  
*adj.* having many small holes and being able to absorb or pass through fluids
21. The \_\_\_\_\_ cliffs along the coast are a natural wonder.  
*n.* a type of rock composed mainly of sand-sized grains of mineral or rock fragments
22. I always add \_\_\_\_\_ to my pizza toppings for extra flavor.  
*n.* a type of cured meat, typically made from beef or pork and sliced thinly for use in sandwiches or as an appetizer

ANSWERS: 16. bronchus, 17. microns, 18. prosthetic, 19. mold, 20. porous, 21. sandstone, 22. salami

23. Your outfit \_\_\_\_\_ confidence and professionalism.

- v.* to suggest or indicate something; to request something in advance; to suggest or indicate a particular quality or characteristic

24. The government voted to \_\_\_\_\_ the outdated law.

- v.* to do away with completely; to put an end to

25. Heavy snow made it \_\_\_\_\_ to go to the mountain village.

- adj.* unable to travel to or reach; not available

26. The watch was \_\_\_\_\_ designed, with many small moving parts.

- adv.* in a manner that involves a lot of detailed and complex arrangement or planning; with many interconnected parts or components

27. The employee decided to \_\_\_\_\_ on the company's illegal activities.

- v.* to make a high-pitched sound by forcing breath through a small opening, usually with the lips or fingers; (noun) a piece of equipment that forces air or steam against an edge or into a cavity and so produces a loud shrill sound

28. 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

29. He didn't \_\_\_\_\_ the plan, even though he had time.

- v.* to pinch or squeeze something sharply; to adjust something finely

30. The beehive was made of an intricate \_\_\_\_\_ pattern.

- n.* a structure of hexagonal cells made of wax by bees as a place to store honey and to rear their young

ANSWERS: 23. bespeaks, 24. abolish, 25. inaccessible, 26. intricately, 27. whistle-blow, 28. improvisation, 29. tweak, 30. honeycomb

31. His involvement is the \_\_\_\_\_ of our plan.

- n.* a joint that holds the edge of a door, window, lid, etc. and allows it to open or close

ANSWERS: 31. hinge