

# Englist.me



## Vocabulary Builder Reference from...

*Frederick Balagadde: Bio-lab on a microchip | TED Talk*

[https://www.ted.com/talks/frederick\\_balagadde\\_bio\\_lab\\_on\\_a\\_microchip](https://www.ted.com/talks/frederick_balagadde_bio_lab_on_a_microchip)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### sub-Saharan

*adj.* of or relating to or situated in the area south of the Sahara Desert

(1) **sub-Saharan** Africa, (2) **sub-Saharan** countries

The coffee producers in **sub-Saharan** countries are at the sharp end of fluctuations in price.

### capsize

*v.* to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance

*synonym* : overturn, overturning, tipping

(1) **capsize** a boat, (2) **capsize** in the middle of the storm

The strong wind caused the kayak to **capsize**, throwing the paddler into the water.

### carnage

*n.* the killing or slaughter of a large number of people, especially in a battle or war; a situation in which many people are killed or injured in a violent way

*synonym* : slaughter, massacre, bloodshed

(1) **carnage** on the battlefield, (2) brutal **carnage**

The battlefield was filled with **carnage**, a terrible reminder of the horrors of war.

## firsthand

*adv.* from the source; directly; (adjective) received directly from a source

*synonym* : direct

(1) hear customer's voices **firsthand**, (2) conduct **firsthand** research

The manager tried to hear customers' voices **firsthand**.

## inject

*v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

*synonym* : shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

## smartphone

*n.* a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict

Internet traffic volumes have increased significantly with the advent of **smartphones**.

## 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.

## medicinal

*adj.* of or relating to the treatment or cure of disease

*synonym* : curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

## Session 2: Spelling

- |   |   |
|---|---|
| 1. ca_____e on the battlefield              | <i>n.</i> the killing or slaughter of a large number of people, especially in a battle or war; a situation in which many people are killed or injured in a violent way  |
| 2. sma_____ne app developer                 | <i>n.</i> a mobile phone that functions as a computer and connects to the Internet  |
| 3. traditional me_____al                    | <i>adj.</i> of or relating to the treatment or cure of disease  |
| 4. in____t under the skin                   | <i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)   |
| 5. in____t a personal opinion into a debate | <i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)   |
| 6. conduct fi_____nd research               | <i>adv.</i> from the source; directly; (adjective) received directly from a source  |
| 7. me_____al chemistry                      | <i>adj.</i> of or relating to the treatment or cure of disease  |
| 8. hear customer's voices fi_____nd         | <i>adv.</i> from the source; directly; (adjective) received directly from a source  |
| 9. per_____ze social media profile          | <i>v.</i> 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. carnage, 2. smartphone, 3. medicinal, 4. inject, 5. inject, 6. firsthand, 7. medicinal, 8. firsthand, 9. personalize

10. sma\_\_\_\_\_ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
11. ca\_\_\_\_\_e a boat *v.* to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance
12. brutal ca\_\_\_\_\_e *n.* the killing or slaughter of a large number of people, especially in a battle or war; a situation in which many people are killed or injured in a violent way
13. sub\_\_\_\_\_an Africa *adj.* of or relating to or situated in the area south of the Sahara Desert
14. 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
15. sub\_\_\_\_\_an countries *adj.* of or relating to or situated in the area south of the Sahara Desert
16. ca\_\_\_\_\_e in the middle of the storm *v.* to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance

ANSWERS: 10. smartphone, 11. capsizes, 12. carnage, 13. sub-Saharan, 14. personalize, 15. sub-Saharan, 16. capsizes

## Session 3: Fill in the Blanks

1. The battlefield was filled with \_\_\_\_\_ a terrible reminder of the horrors of war.  
*n.* the killing or slaughter of a large number of people, especially in a battle or war; a situation in which many people are killed or injured in a violent way
  
2. Internet traffic volumes have increased significantly with the advent of \_\_\_\_\_.  
*n.* a mobile phone that functions as a computer and connects to the Internet
  
3. The manager tried to hear customers' voices \_\_\_\_\_.  
*adv.* from the source; directly; (adjective) received directly from a source
  
4. The coffee producers in \_\_\_\_\_ countries are at the sharp end of fluctuations in price.  
*adj.* of or relating to or situated in the area south of the Sahara Desert
  
5. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.  
*adj.* of or relating to the treatment or cure of disease
  
6. The strong wind caused the kayak to \_\_\_\_\_ throwing the paddler into the water.  
*v.* to overturn or tip over a boat or other watercraft; to turn upside down or on its side, often as a result of a sudden force or imbalance
  
7. Let's try to \_\_\_\_\_ a bit of enthusiasm into your performance.  
*v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

ANSWERS: 1. carnage, 2. smartphones, 3. firsthand, 4. sub-Saharan, 5. medicinal, 6. capsize, 7. inject

8. 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: 8. personalize