

# Englist.me



## Vocabulary Builder Reference from...

R. Saravanan: Is the weather actually becoming more extreme? | TED Talk

[https://www.ted.com/talks/r\\_saravanan\\_is\\_the\\_weather\\_actually\\_becoming\\_more\\_extreme](https://www.ted.com/talks/r_saravanan_is_the_weather_actually_becoming_more_extreme)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### meteorology

*n.* the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

(1) agricultural **meteorology**, (2) marine **meteorology**

He conducted his research at the **meteorology** laboratory using large-scale computing.

### rampant

*adj.* (especially of something bad or unwelcome) flourishing or spreading everywhere in a way that cannot be controlled

*synonym* : prevalent, dense, uncontrolled

(1) **rampant** growth of weeds, (2) **rampant** corruption

In an overly protective industry, violations of the ethics rules tend to be **rampant**.

### wildfire

*n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

*synonym* : blaze, bonfire, flame

(1) **wildfire** spread, (2) arson-caused **wildfire**

The **wildfire** destroyed hundreds of homes and forced thousands of people to evacuate.

## cyclone

*n.* a violent, rotating windstorm that forms over tropical waters and can cause extensive damage to coastal regions, also known as a hurricane or typhoon, depending on the region in which it occurs

*synonym* : tornado, twister, hurricane

(1) **cyclone** warning, (2) devastating **cyclone**

The **cyclone's** strong winds and rough seas severely impacted the fishing industry.

## determinant

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

*synonym* : cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

## radiosonde

*n.* a small, expendable instrument package containing sensors for collecting and transmitting meteorological data, typically carried into the atmosphere by a weather balloon

*synonym* : weather balloon, sounding balloon

(1) launch **radiosonde**, (2) meteorological **radiosonde**

The **radiosonde's** data can create weather forecasts, detect severe storms, and monitor atmospheric conditions that affect airline safety.

## chaotic

*adj.* without any order or organization; extremely disorganized, unpredictable, and confusing

*synonym* : disorderly, cluttered, topsy-turvy

(1) the **chaotic** economic situation, (2) **chaotic** theory

Change is also occurring in Turkey as a result of **chaotic** reform.

## turbulent

*adj.* marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation

*synonym* : chaotic, stormy, tumultuous

(1) **turbulent** waves, (2) **turbulent** age

The stock market has been **turbulent** lately, with prices fluctuating rapidly.

## rev

*n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

*synonym* : revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

## well-defined

*adj.* having clear and precise boundaries or characteristics; distinctly outlined or delimited; easily understood or recognizable

*synonym* : clear, distinct, precise

(1) **well-defined** terms, (2) **well-defined** objectives

The **well-defined** set of instructions made it easy to assemble the furniture.

## warhead

*n.* the explosive or destructive part of a missile, rocket, or other weapons that are designed to explode on impact or detonation

*synonym* : payload, explosive

(1) **warhead** missile, (2) nuclear **warhead**

The missile launch was successful, and the **warhead** hit its intended target.

## heatwave

*n.* a prolonged period of hot and dry weather, often accompanied by high humidity and extreme temperatures; a sensation of intense heat, often caused by exposure to hot or humid conditions

(1) summer **heatwave**, (2) dangerous **heatwave**

The crops in the farming community have been significantly affected by the prolonged **heatwave**, leading to concerns

about food security.

## Session 2: Spelling

1. devastating cy\_\_\_\_e  
*n.* a violent, rotating windstorm that forms over tropical waters and can cause extensive damage to coastal regions, also known as a hurricane or typhoon, depending on the region in which it occurs
2. tu\_\_\_\_\_nt waves  
*adj.* marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation
3. the ch\_\_\_\_c economic situation  
*adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
4. agricultural met\_\_\_\_\_gy  
*n.* the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions
5. environmental det\_\_\_\_\_nt  
*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
6. tu\_\_\_\_\_nt age  
*adj.* marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation
7. low-r\_v engine  
*n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 1. cyclone, 2. turbulent, 3. chaotic, 4. meteorology, 5. determinant, 6. turbulent, 7. rev

8. dangerous he\_\_\_\_\_ve *n.* a prolonged period of hot and dry weather, often accompanied by high humidity and extreme temperatures; a sensation of intense heat, often caused by exposure to hot or humid conditions
9. launch rad\_\_\_\_\_de *n.* a small, expendable instrument package containing sensors for collecting and transmitting meteorological data, typically carried into the atmosphere by a weather balloon
10. ra\_\_\_\_\_t corruption *adj.* (especially of something bad or unwelcome) flourishing or spreading everywhere in a way that cannot be controlled
11. meteorological rad\_\_\_\_\_de *n.* a small, expendable instrument package containing sensors for collecting and transmitting meteorological data, typically carried into the atmosphere by a weather balloon
12. a det\_\_\_\_\_nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
13. nuclear wa\_\_\_\_\_d *n.* the explosive or destructive part of a missile, rocket, or other weapons that are designed to explode on impact or detonation
14. wa\_\_\_\_\_d missile *n.* the explosive or destructive part of a missile, rocket, or other weapons that are designed to explode on impact or detonation

ANSWERS: 8. heatwave, 9. radiosonde, 10. rampant, 11. radiosonde, 12. determinant, 13. warhead, 14. warhead

15. arson-caused wi\_\_\_\_re *n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
16. cy\_\_\_\_e warning *n.* a violent, rotating windstorm that forms over tropical waters and can cause extensive damage to coastal regions, also known as a hurricane or typhoon, depending on the region in which it occurs
17. wi\_\_\_\_re spread *n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
18. wel\_\_\_\_ned objectives *adj.* having clear and precise boundaries or characteristics; distinctly outlined or delimited; easily understood or recognizable
19. ch\_\_\_\_c theory *adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
20. wel\_\_\_\_ned terms *adj.* having clear and precise boundaries or characteristics; distinctly outlined or delimited; easily understood or recognizable
21. summer he\_\_\_\_ve *n.* a prolonged period of hot and dry weather, often accompanied by high humidity and extreme temperatures; a sensation of intense heat, often caused by exposure to hot or humid conditions
22. ra\_\_\_\_t growth of weeds *adj.* (especially of something bad or unwelcome) flourishing or spreading everywhere in a way that cannot be controlled

ANSWERS: 15. wildfire, 16. cyclone, 17. wildfire, 18. well-defined, 19. chaotic, 20. well-defined, 21. heatwave, 22. rampant

23. r\_v up the crowd

*n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

24. marine met\_\_\_\_\_gy

*n.* the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

ANSWERS: 23. rev, 24. meteorology



## Session 3: Fill in the Blanks

1. The crops in the farming community have been significantly affected by the prolonged \_\_\_\_\_ leading to concerns about food security.
  - n.* a prolonged period of hot and dry weather, often accompanied by high humidity and extreme temperatures; a sensation of intense heat, often caused by exposure to hot or humid conditions
  
2. The \_\_\_\_\_ set of instructions made it easy to assemble the furniture.
  - adj.* having clear and precise boundaries or characteristics; distinctly outlined or delimited; easily understood or recognizable
  
3. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.
  - n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
  
4. The \_\_\_\_\_ destroyed hundreds of homes and forced thousands of people to evacuate.
  - n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
  
5. The \_\_\_\_\_ strong winds and rough seas severely impacted the fishing industry.
  - n.* a violent, rotating windstorm that forms over tropical waters and can cause extensive damage to coastal regions, also known as a hurricane or typhoon, depending on the region in which it occurs
  
6. The missile launch was successful, and the \_\_\_\_\_ hit its intended target.
  - n.* the explosive or destructive part of a missile, rocket, or other weapons that are designed to explode on impact or detonation

ANSWERS: 1. heatwave, 2. well-defined, 3. determinant, 4. wildfire, 5. cyclone's, 6. warhead

7. In an overly protective industry, violations of the ethics rules tend to be \_\_\_\_\_.  
*adj.* (especially of something bad or unwelcome) flourishing or spreading everywhere in a way that cannot be controlled
8. Change is also occurring in Turkey as a result of \_\_\_\_\_ reform.  
*adj.* without any order or organization; extremely disorganized, unpredictable, and confusing
9. He stepped on the gas pedal, and the engine released a loud \_\_\_\_\_.  
*n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
10. The stock market has been \_\_\_\_\_ lately, with prices fluctuating rapidly.  
*adj.* marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation
11. The \_\_\_\_\_ data can create weather forecasts, detect severe storms, and monitor atmospheric conditions that affect airline safety.  
*n.* a small, expendable instrument package containing sensors for collecting and transmitting meteorological data, typically carried into the atmosphere by a weather balloon
12. He conducted his research at the \_\_\_\_\_ laboratory using large-scale computing.  
*n.* the branch of science that deals with processes in the Earth's atmosphere that cause weather conditions

ANSWERS: 7. rampant, 8. chaotic, 9. rev, 10. turbulent, 11. radiosonde's, 12. meteorology