

# Englist.me



## Vocabulary Builder Reference from...

David Biello: How the compass unlocked the world |

TED Talk

[https://www.ted.com/talks/david\\_biello\\_how\\_the\\_compass\\_unlocked\\_the\\_world](https://www.ted.com/talks/david_biello_how_the_compass_unlocked_the_world)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### magnetism

*n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something

*synonym* : attraction, charisma, allure

(1) the **magnetism** of the moon, (2) animal **magnetism**

The child was drawn to the **magnetism** of the colorful toy display in the store.

### physicist

*n.* a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

### roil

*v.* to stir up or agitate a liquid or substance, causing it to become turbid or muddy; to disturb or unsettle the emotions or mental state of a person or group

*synonym* : agitate, stir up, turbulate

(1) **roil** the water, (2) **roil** the global economy

The breakup of the famous band **roiled** their fans, leading to disappointment and sadness.

## molten

*adj.* in a liquid state as a result of being heated

*synonym* : melted, liquefied, fused

(1) a **molten** image, (2) **molten** lava

The **molten** metal was poured into the mold.

## ladle

*n.* a large, long-handled spoon used for serving liquids, particularly soups or stews

*synonym* : spoon, scoop, dipper

(1) wooden **ladle**, (2) **ladle** gravy

She used a **ladle** to pour soup into the bowls.

## innovate

*v.* to introduce new methods, ideas, or products

*synonym* : bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

## invigoration

*n.* the act of enlivening, energizing, or revitalizing something, particularly a person's body or mind; the feeling of being refreshed or rejuvenated after engaging in a stimulating activity

*synonym* : revitalization, stimulation, refreshing

(1) physical **invigoration**, (2) **invigoration** of the soul

Yoga is known for its **invigoration** of the mind and body.

## Renaissance

*n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music

*synonym* : rebirth, golden age

(1) artistic **renaissance**, (2) industrial **renaissance**

Folk music is now experiencing a **renaissance**.

## superpower

*n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities

*synonym* : great power, empire, hegemony

(1) **superpower** country, (2) **superpower** leader

The ability to fly like a bird is often considered a **superpower** in comic books and movies.

## circumnavigate

v. to travel completely around something, particularly the Earth, by sailing, flying, or other means of transportation; to fully explore or deal with a topic or situation

*synonym* : navigate, sail, travel around

(1) **circumnavigate** the lake, (2) **circumnavigate** a difficult issue

After months of travel, the sailor finally managed to **circumnavigate** the globe.

## Session 2: Spelling

- |                                      |  |
|--------------------------------------|--|
| 1. artistic ren_____ce               | <i>n.</i> a new growth in activity or enthusiasm in anything, particularly art, literature, or music   |
| 2. in_____te the quality of his life | <i>v.</i> to introduce new methods, ideas, or products   |
| 3. cir_____ate a difficult issue     | <i>v.</i> to travel completely around something, particularly the Earth, by sailing, flying, or other means of transportation; to fully explore or deal with a topic or situation                    |
| 4. r__l the water                    | <i>v.</i> to stir up or agitate a liquid or substance, causing it to become turbid or muddy; to disturb or unsettle the emotions or mental state of a person or group                                |
| 5. talented ph_____st                | <i>n.</i> a scientist who specializes in the field of physics  |
| 6. inv_____ion of the soul           | <i>n.</i> the act of enlivening, energizing, or revitalizing something, particularly a person's body or mind; the feeling of being refreshed or rejuvenated after engaging in a stimulating activity |
| 7. physical inv_____ion              | <i>n.</i> the act of enlivening, energizing, or revitalizing something, particularly a person's body or mind; the feeling of being refreshed or rejuvenated after engaging in a stimulating activity |
| 8. in_____te a new method            | <i>v.</i> to introduce new methods, ideas, or products   |

ANSWERS: 1. Renaissance, 2. innovate, 3. circumnavigate, 4. roil, 5. physicist, 6. invigoration, 7. invigoration, 8. innovate

9. the ma\_\_\_\_\_sm of the moon      *n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something
10. la\_\_e gravy      *n.* a large, long-handled spoon used for serving liquids, particularly soups or stews
11. a mo\_\_\_n image      *adj.* in a liquid state as a result of being heated
12. sup\_\_\_\_\_er country      *n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities
13. cir\_\_\_\_\_ate the lake      *v.* to travel completely around something, particularly the Earth, by sailing, flying, or other means of transportation; to fully explore or deal with a topic or situation
14. r\_\_l the global economy      *v.* to stir up or agitate a liquid or substance, causing it to become turbid or muddy; to disturb or unsettle the emotions or mental state of a person or group
15. wooden la\_\_e      *n.* a large, long-handled spoon used for serving liquids, particularly soups or stews
16. sup\_\_\_\_\_er leader      *n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities

ANSWERS: 9. magnetism, 10. ladle, 11. molten, 12. superpower, 13. circumnavigate, 14. roil, 15. ladle, 16. superpower

17. mo\_\_\_n lava *adj.* in a liquid state as a result of being heated
18. theoretical ph\_\_\_\_\_st *n.* a scientist who specializes in the field of physics
19. animal ma\_\_\_\_\_sm *n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something
20. industrial ren\_\_\_\_\_ce *n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music

ANSWERS: 17. molten, 18. physicist, 19. magnetism, 20. Renaissance

## Session 3: Fill in the Blanks

1. Folk music is now experiencing a \_\_\_\_\_.  
*n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music
  
2. After months of travel, the sailor finally managed to \_\_\_\_\_ the globe.  
*v.* to travel completely around something, particularly the Earth, by sailing, flying, or other means of transportation; to fully explore or deal with a topic or situation
  
3. Einstein was an outstanding and famous \_\_\_\_\_ of the 20th century.  
*n.* a scientist who specializes in the field of physics
  
4. The \_\_\_\_\_ metal was poured into the mold.  
*adj.* in a liquid state as a result of being heated
  
5. The ability to fly like a bird is often considered a \_\_\_\_\_ in comic books and movies.  
*n.* a country or nation that has significant global influence or formidable military, economic, or technological strength; a supernatural ability or force capable of extraordinary feats or feats beyond normal human capabilities
  
6. Yoga is known for its \_\_\_\_\_ of the mind and body.  
*n.* the act of enlivening, energizing, or revitalizing something, particularly a person's body or mind; the feeling of being refreshed or rejuvenated after engaging in a stimulating activity
  
7. The breakup of the famous band \_\_\_\_\_ their fans, leading to disappointment and sadness.  
*v.* to stir up or agitate a liquid or substance, causing it to become turbid or muddy; to disturb or unsettle the emotions or mental state of a person or group

ANSWERS: 1. renaissance, 2. circumnavigate, 3. physicist, 4. molten, 5. superpower, 6. invigoration, 7. roiled

8. Companies developing self-driving cars consistently \_\_\_\_\_ the emerging technologies.
- v.* to introduce new methods, ideas, or products
9. She used a \_\_\_\_\_ to pour soup into the bowls.
- n.* a large, long-handled spoon used for serving liquids, particularly soups or stews
10. The child was drawn to the \_\_\_\_\_ of the colorful toy display in the store.
- n.* the force that causes attraction or repulsion between magnetic substances; a charismatic or attractive quality that attracts people or causes them to be drawn to someone or something

ANSWERS: 8. innovate, 9. ladle, 10. magnetism