

# Englist.me



## Vocabulary Builder Reference from...

Craig A. Kohn: What are stem cells? | TED Talk

[https://www.ted.com/talks/craig\\_a\\_kohn\\_what\\_are\\_stem\\_cells](https://www.ted.com/talks/craig_a_kohn_what_are_stem_cells)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### 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.

### undifferentiated

*adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions

*synonym*: uniform, identical, alike

(1) **undifferentiated** cells, (2) **undifferentiated** market

The infant makes **undifferentiated** reflex responses to stimuli.

### intestine

*n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products

*synonym*: gut, bowel, tract

(1) large **intestine**, (2) **intestine** wall

The small **intestine** is responsible for absorbing most of the nutrients from food.

### sponge

*n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

(1) sea **sponge**, (2) metallic **sponge**

The tiny marine **sponge** has existed for more than 500 million years.

### **controllable**

*adj.* able to be controlled or directed

*synonym*: manageable, governable, submissive

(1) computer- **controllable**, (2) **controllable** aircraft

The new software is much more **controllable** and user-friendly.

### **embryonic**

*adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development

*synonym*: embryonal

(1) **embryonic** stem cells, (2) **embryonic** development

The project is still in its **embryonic** stage.

### **leftover**

*adj.* not consumed or used at the end of something

*synonym*: extra, residual, unused

(1) **leftover** from a party, (2) **leftover** goods

The chef will make soup with the **leftover** ham bone.

### **pluripotent**

*adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications

*synonym*: versatile, all-purpose, adaptable

(1) **pluripotent** embryonic cells, (2) **pluripotent** gene expression

**Pluripotent** stem cells can differentiate into any cell in the body.

## Session 2: Spelling

1. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
2. con\_\_\_\_\_ble aircraft *adj.* able to be controlled or directed
3. in\_\_\_\_\_ne wall *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
4. traditional me\_\_\_\_\_al *adj.* of or relating to the treatment or cure of disease
5. metallic sp\_\_\_e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning
6. und\_\_\_\_\_ted market *adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions
7. und\_\_\_\_\_ted cells *adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions
8. le\_\_\_\_\_er from a party *adj.* not consumed or used at the end of something
9. le\_\_\_\_\_er goods *adj.* not consumed or used at the end of something
10. plu\_\_\_\_\_nt embryonic cells *adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications

ANSWERS: 1. medicinal, 2. controllable, 3. intestine, 4. medicinal, 5. sponge, 6. undifferentiated, 7. undifferentiated, 8. leftover, 9. leftover, 10. pluripotent

11. em\_\_\_\_\_ic development *adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development
12. em\_\_\_\_\_ic stem cells *adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development
13. large in\_\_\_\_\_ne *n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
14. computer-con\_\_\_\_\_ble *adj.* able to be controlled or directed
15. plu\_\_\_\_\_nt gene expression *adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications
16. sea sp\_\_\_\_e *n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

ANSWERS: 11. embryonic, 12. embryonic, 13. intestine, 14. controllable, 15. pluripotent, 16. sponge

## Session 3: Fill in the Blanks

1. The project is still in its \_\_\_\_\_ stage.  
*adj.* of or relating to an embryo (= an animal organism in the early stages of growth); in an early stage of development
2. The new software is much more \_\_\_\_\_ and user-friendly.  
*adj.* able to be controlled or directed
3. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.  
*adj.* of or relating to the treatment or cure of disease
4. The small \_\_\_\_\_ is responsible for absorbing most of the nutrients from food.  
*n.* a long, tube-like organ in the digestive system that is responsible for absorbing nutrients from food and eliminating waste products
5. The infant makes \_\_\_\_\_ reflex responses to stimuli.  
*adj.* having few or no clear distinctive characters; (of cells) not having specialized or mature structures or functions
6. \_\_\_\_\_ stem cells can differentiate into any cell in the body.  
*adj.* describing cells that have the potential to differentiate into any specialized cell in the body, often used in the context of stem cell research and applications
7. The chef will make soup with the \_\_\_\_\_ ham bone.  
*adj.* not consumed or used at the end of something

ANSWERS: 1. embryonic, 2. controllable, 3. medicinal, 4. intestine, 5. undifferentiated, 6. Pluripotent, 7. leftover

8. The tiny marine \_\_\_\_\_ has existed for more than 500 million years.
- n.* a soft material with many microscopic pores that can absorb a large amount of liquid and is used for washing and cleaning

ANSWERS: 8. sponge