

# Englist.me



## Vocabulary Builder Reference from...

Aaron Reedy: Sex determination: More complicated than you thought | TED Talk

[https://www.ted.com/talks/aaron\\_reedy\\_sex\\_determination\\_more\\_complicated\\_than\\_you\\_thought](https://www.ted.com/talks/aaron_reedy_sex_determination_more_complicated_than_you_thought)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### 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.

### mammal

*n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body

(1) a primitive **mammal**, (2) a sort of **mammal**

Marine **mammal** populations are declining worldwide due to ocean pollution.

### reptile

*n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

*synonym*: lizard, serpent, snake

(1) **reptile** exhibition, (2) fossil **reptile**

Alligators are a type of **reptile** that live in swamps and rivers.

## fertilize

*v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

*synonym* : pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

## diploid

*adj.* relating to a cell or organism with two complete sets of chromosomes (= long, thread-like molecules made of DNA and proteins); (noun) cells that contain two complete sets of chromosomes, one from each parent

*synonym* : doubled, matched, paired

(1) **diploid** nuclei, (2) **diploid** organism

The **diploid** cells contain two sets of chromosomes, one from each parent, allowing for genetic variation.

## wasp

*n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals

*synonym* : insect, hornet, yellow jacket

(1) **wasp** nest, (2) **wasp** sting

A giant **wasp** flew into the room, and everyone panicked.

## alligator

*n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China

*synonym* : crocodile, caiman, gator

(1) **alligator** habitat, (2) **alligator** watch strap

**Alligator** skin is used to make purses, boots, and other luxury goods.

## undetermined

*n.* not yet resolved or concluded; not decided; indefinite; lacking clear limits or boundaries; (of mathematics) cannot be calculated because it is dependent on unknown factors

*synonym* : uncertain, undecided, unresolved

(1) fever of **undetermined** origin, (2) **undetermined**

coefficient

The cause of the accident is **undetermined** at this time.

## mnemonic

*adj.* aiding or designed to aid memory; relating to the use of memory techniques

*synonym*: memorable, unforgettable, mnemotechnical

(1) **mnemonic** technique, (2) **mnemonic** alphabet

We were taught a variety of **mnemonic** devices to help us remember important facts for the exam.

## clownfish

*n.* a small tropical marine fish, typically brightly colored, that belongs to a subfamily of the damselfish family and is known for its symbiotic relationship with sea anemones

(1) **clownfish** habitat, (2) **clownfish** behavior

My aquarium's centerpiece is a vibrant **clownfish** duo darting between the coral structures.

## larva

*n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

*synonym*: caterpillar, grub, maggot

(1) **larva** of a butterfly, (2) a moth **larva**

The butterfly emerged from its **larva** stage.

## lizard

*n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail

(1) giant **lizard**, (2) **lizard** leather

The **lizard's** tail regenerates if severed.

## hatch

*v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage

*synonym*: incubate, breed, produce

(1) **hatch** a plan, (2) **hatch** a baby chick

The eggs began to **hatch**, and the small chicks emerged.

## Session 2: Spelling

1. 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
  
2. und\_\_\_\_\_ned coefficient *n.* not yet resolved or concluded; not decided; indefinite; lacking clear limits or boundaries; (of mathematics) cannot be calculated because it is dependent on unknown factors
  
3. ha\_\_h a baby chick *v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
  
4. a sort of ma\_\_\_l *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
  
5. al\_\_\_\_\_or habitat *n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China
  
6. di\_\_\_\_d organism *adj.* relating to a cell or organism with two complete sets of chromosomes (= long, thread-like molecules made of DNA and proteins); (noun) cells that contain two complete sets of chromosomes, one from each parent
  
7. cl\_\_\_\_\_sh behavior *n.* a small tropical marine fish, typically brightly colored, that belongs to a subfamily of the damselfish family and is known for its symbiotic relationship with sea anemones

ANSWERS: 1. determinant, 2. undetermined, 3. hatch, 4. mammal, 5. alligator, 6. diploid, 7. clownfish

8. giant li\_\_\_d *n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
9. a moth la\_\_a *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
10. di\_\_\_\_d nuclei *adj.* relating to a cell or organism with two complete sets of chromosomes (= long, thread-like molecules made of DNA and proteins); (noun) cells that contain two complete sets of chromosomes, one from each parent
11. fever of und\_\_\_\_\_ned origin *n.* not yet resolved or concluded; not decided; indefinite; lacking clear limits or boundaries; (of mathematics) cannot be calculated because it is dependent on unknown factors
12. li\_\_\_d leather *n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
13. mn\_\_\_\_ic technique *adj.* aiding or designed to aid memory; relating to the use of memory techniques
14. environmental det\_\_\_\_\_nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
15. fe\_\_\_\_\_ze the soil *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

ANSWERS: 8. lizard, 9. larva, 10. diploid, 11. undetermined, 12. lizard, 13. mnemonic, 14. determinant, 15. fertilize

16. fe\_\_\_\_\_ze the female egg      *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
17. w\_\_p nest      *n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals
18. al\_\_\_\_\_or watch strap      *n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China
19. a primitive ma\_\_\_l      *n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
20. mn\_\_\_\_\_ic alphabet      *adj.* aiding or designed to aid memory; relating to the use of memory techniques
21. ha\_\_h a plan      *v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
22. cl\_\_\_\_\_sh habitat      *n.* a small tropical marine fish, typically brightly colored, that belongs to a subfamily of the damselfish family and is known for its symbiotic relationship with sea anemones
23. la\_\_a of a butterfly      *n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose

ANSWERS: 16. fertilize, 17. wasp, 18. alligator, 19. mammal, 20. mnemonic, 21. hatch, 22. clownfish, 23. larva

24. w\_\_p sting *n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals
25. fossil re\_\_\_\_e *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
26. re\_\_\_\_e exhibition *n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles

ANSWERS: 24. wasp, 25. reptile, 26. reptile

## Session 3: Fill in the Blanks

1. My aquarium's centerpiece is a vibrant \_\_\_\_\_ duo darting between the coral structures.
  - n.* a small tropical marine fish, typically brightly colored, that belongs to a subfamily of the damselfish family and is known for its symbiotic relationship with sea anemones
  
2. The butterfly emerged from its \_\_\_\_\_ stage.
  - n.* the immature free-living form of insect or an animal, which at hatching from the egg, is fundamentally unlike its parent and must metamorphose
  
3. The couple decided to use the non-husband sperm to \_\_\_\_\_ a wife.
  - v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
  
4. We were taught a variety of \_\_\_\_\_ devices to help us remember important facts for the exam.
  - adj.* aiding or designed to aid memory; relating to the use of memory techniques
  
5. The eggs began to \_\_\_\_\_ and the small chicks emerged.
  - v.* to cause an egg to break to allow a young animal to come out; to produce and expand something that is in an early stage
  
6. Alligators are a type of \_\_\_\_\_ that live in swamps and rivers.
  - n.* a cold-blooded animal that has dry, scaly skin and lays eggs on land, such as snakes, lizards, and turtles
  
7. The \_\_\_\_\_ cells contain two sets of chromosomes, one from each parent, allowing for genetic variation.
  - adj.* relating to a cell or organism with two complete sets of chromosomes (= long, thread-like molecules made of DNA and proteins); (noun) cells that contain two complete sets of chromosomes, one from each parent

ANSWERS: 1. clownfish, 2. larva, 3. fertilize, 4. mnemonic, 5. hatch, 6. reptile, 7.



diploid

8. The \_\_\_\_\_ tail regenerates if severed.
- n.* a reptile that has a relatively long body, two pairs of legs, and a tapering tail
9. \_\_\_\_\_ skin is used to make purses, boots, and other luxury goods.
- n.* a large semiaquatic reptile with a long tail, powerful jaws, and rough skin, native to the Americas and China
10. A giant \_\_\_\_\_ flew into the room, and everyone panicked.
- n.* a flying insect with a narrow waist and a sting, typically feeding on nectar and known for its aggressive behavior towards other insects and animals
11. Marine \_\_\_\_\_ populations are declining worldwide due to ocean pollution.
- n.* any animal of which the female gives birth to live young, not eggs, and feeds her young on milk from her own body
12. 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
13. The cause of the accident is \_\_\_\_\_ at this time.
- n.* not yet resolved or concluded; not decided; indefinite; lacking clear limits or boundaries; (of mathematics) cannot be calculated because it is dependent on unknown factors

ANSWERS: 8. lizard's, 9. Alligator, 10. wasp, 11. mammal, 12. determinant, 13. undetermined