**adolescent**

(noun)

1. A teenager goes through many changes as an *adolescent*.

2. The growth spurt that an *adolescent* may experience is a normal part of growing up.

3. Before Elena was an *adolescent*, she knew that she wanted to be a writer someday.

**seedling**

(noun)

1. A *seedling* is a young tree that measures no more than 3 feet in height.

2. A *seedling* grows from a seed and turns into a sapling.

3. He made sure the young *seedling* got plenty of sunshine and water so it would grow to be big and strong.

**egg**

(noun)

1. An *egg* is a reproductive structure that is produced by a female animal.

2. Mammals, birds, fish, insects, reptiles, and amphibians can all produce an *egg*.

3. The *egg* of many animals has a protective covering that allows a fertilized embryo to develop outside the mother's body.
embryo
(noun)

1. The yolk of a chicken egg is an embryo.
2. An embryo is an unborn animal in the early stages of development.
3. The embryo, or unborn offspring, was growing inside its mother.

larva
(noun)

1. A larva is an immature, wormlike insect that has hatched from an egg, and more than one are larvae (LAR-vee).
2. A butterfly or moth larva is a caterpillar.
3. A larva eats an amazing amount of food every day.

life cycle
(noun)

1. A life cycle includes all stages of development that a living organism goes through.
2. The stages of egg, larva, pupa, and adult are the stages in the life cycle of a butterfly.
3. The life cycle of most animals begins with fertilization and ends with death.
A **metamorphosis** is a change or transformation.

Metamorphosis results in a complete or obvious change in physical form, structure, or substance.

The caterpillar underwent **metamorphosis** by becoming a pupa and then emerging from its cocoon as a moth.

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A **pupa** is an insect at the last stage before its metamorphosis into an adult.

The pupa of a moth spins a cocoon or goes through this stage underground or on the ground.

The pupa of a butterfly is encased in a chrysalis.

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An **adult** is a full-grown or mature person or other animal.

An adult is an animal that is fully developed and is able to produce offspring.

In deer, an adult can be a doe (female) or a stag (male).
INSTRUCTIONS: Record a vocabulary word in each word box. Then write a synonym and an antonym, draw a picture, and define each word. Use each word in a sentence on the back of this worksheet.

<table>
<thead>
<tr>
<th>Word</th>
<th>Picture</th>
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<th>Synonym</th>
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<tr>
<th>Antonym</th>
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Definition  
__________________________________

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</table>

Definition  
__________________________________
adolescent  

a person between childhood and adulthood  

(seedling  
a young, developing plant that has grown from a seed  

(egg  
a female reproductive cell; the beginning stage in the life cycle of many organisms  

(noun)  

(noun)  

(noun)
embryo

the early stage during which a plant or animal begins to grow (noun)

larva

the caterpillar or wormlike stage in the life cycle of some insects (noun)

life cycle

the stages of change that an organism goes through during its life (noun)
metamorphosis: the transformation from an immature form to an adult form (noun)

pupa: an immature insect in the stage between a larva and an adult (noun)

adult: the stage in which a person or other animal is fully developed (noun)
An analogy shows a relationship between two sets of words. The words in the first pair must have the same relationship as the words in the second pair. To complete an analogy with a missing word, you must first discover the relationship between the completed pair. (Example: Cat is to meow as dog is to bark.)

INSTRUCTIONS: Determine the relationship between the first pair of words. Then use the words in the word box to complete the second pair of words.

1. Adult is to young ...as... parent is to _______________________.
2. Seedling is to plant ...as... child is to _______________________.
3. Life cycle is to development ...as... food chain is to _______________________.
4. Adolescent is to teenager ...as... infant is to _______________________.
5. Embryo is to embryonic ...as... magnet is to _______________________.
6. Metamorphosis is to transformation ...as... larva is to _______________________.
7. Egg is to female ...as... sperm is to _______________________.
8. Pupa is to cocoon ...as... embryo is to _______________________.
An analogy shows a relationship between two sets of words. The words in the first pair must have the same relationship as the words in the second pair. To complete an analogy with a missing word, you must first discover the relationship between the completed pair. (Example: Cat is to meow as dog is to bark.)

**INSTRUCTIONS:** Determine the relationship between the first pair of words. Then use the words in the word box to complete the second pair of words.

9. **Larva** is to *caterpillar* ...as... **adult** is to _______________________.

- baby
- male
- moth
- worm
- egg
- child
- person
- magnetic
- consumption
INSTRUCTIONS: Use the vocabulary words in the word box above to complete the sentences below.

1. The stages of development of a living organism are part of its ____________________________.

2. An animal that is fully developed is called an ____________________________.

3. Before it is hatched, a baby bird is called an ____________________________.

4. An ____________________________ is a person who is between childhood and adulthood.

5. A ____________________________ is a young plant.

6. An ____________________________ is a reproductive structure produced by some animals.

7. The ____________________________ of a butterfly develops into a pupa before becoming an adult.

8. ____________________________ is a complete change in physical form, structure, or substance.

9. A ____________________________ is an insect at the stage between a larva and an adult.
A **noun** is a person, place, thing, or idea. If the noun is the name of a person or a specific place, it is called a **proper noun**. A proper noun is always capitalized.

**INSTRUCTIONS:** Read the words below. Decide whether the word is best classified as a person, place, thing, or idea. Then write each word in the appropriate column.

<table>
<thead>
<tr>
<th>adolescent</th>
<th>egg</th>
<th>larva</th>
<th>metamorphosis</th>
<th>adult</th>
</tr>
</thead>
<tbody>
<tr>
<td>seedling</td>
<td>embryo</td>
<td>life cycle</td>
<td>pupa</td>
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</tbody>
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</table>

Use each noun from the table in a sentence.

1. ____________________________________________________________.
2. ____________________________________________________________.
3. ____________________________________________________________.
4. ____________________________________________________________.
5. ____________________________________________________________.
A **noun** is a person, place, thing, or idea. If the noun is the name of a person or a specific place, it is called a **proper noun**. A proper noun is always capitalized.

6. _______________________________________________________________________.

7. _______________________________________________________________________.

8. _______________________________________________________________________.

9. _______________________________________________________________________.

Write three words that are not nouns.

______________  ________________  ________________
INSTRUCTIONS: Use what you know about the vocabulary words to complete the following sentences.

1. The **metamorphosis** of a caterpillar results in a ____________________________.
2. A **pupa** will develop into ____________________________.
3. A **larva** is an immature ____________________________.
4. An **adolescent** experiences changes in ____________________________.
5. An **embryo** develops into ____________________________.
6. The **life cycle** of a human begins ____________________________.
7. An **adult** is an animal that ____________________________.
8. Two animals that can lay an **egg** are ____________________________.
9. To survive, a **seedling** needs ____________________________.
INSTRUCTIONS: Choose the best answer to complete each statement.

1. Rapid physical changes are a normal part of ______ for an adolescent.
   a) eating
   b) growing up
   c) getting sleepy

2. A ______ is called a seedling.
   a) small flower
   b) young plant
   c) small seed

3. ______ reproduce through the laying of an egg.
   a) Mice
   b) Horses
   c) Birds

4. An embryo is ______ animal.
   a) a young
   b) a dying
   c) an unborn

5. A larva is an immature ______.
   a) egg
   b) insect
   c) mammal

6. ______ is a stage in the life cycle of a human.
   a) Adolescence
   b) Hibernation
   c) Camouflage

7. A metamorphosis is a complete ______.
   a) development
   b) improvement
   c) transformation

8. A butterfly pupa is encased in a ______.
   a) caterpillar
   b) cocoon
   c) chrysalis

9. An adult is not ______.
   a) fully developed
   b) mature
   c) immature