

Second Grade “Cycles in Nature-Life Cycles” Assessment

- 1a. Plants and animals produce offspring that look like themselves. This is called:
- a photocopy
 - reproduction
- 1b. Plants and animals produce offspring that look like themselves. This is called:
- a photocopy
 - reproduction
 - a living thing
- 1c. _____ is the process where living plants and animals produce offspring that look like themselves.
- 2a. All living things go through the stages of:
- hatching, growing, living, dying
 - birth, growth, reproduction, death
- 2b. All living things go through the stages of:
- hatching, growing, living, dying
 - birth, growth, reproduction, death
 - birth, living, metamorphosis, death
- 2c. Name the four stages that all plants and animals will go through during their life cycle:
- _____
 - _____
 - _____
 - _____
- 3a. What are the stages in the life cycle of a chicken, starting with birth? Circle the correct answer.
- A hen lays an egg, out of the egg hatches a chick, the chick grows to be an adult chicken, the hen mates with a rooster, and the hen lays an egg.
 - A chick grows up to be an adult hen, the hen lays an egg, the hen mates with a rooster, out of the egg a chick hatches, and the hen lays an egg.
- 3b. Number, in order, the life stages of a chicken. Number them from 1 to 5.
- _____ An adult hen lays an egg
- _____ Out of the egg hatches a chick
- _____ The hen mates with a rooster
- _____ The chick grows to be an adult chicken
- _____ The adult hen lays an egg

3c. Explain the life cycle of a chicken. Be sure to include all stages.

4a. There are five parts of a flower, and they are:

- a. petal, stem, branch, pistil, and stamen
- b. petal, sepal, pistil, stamen, and ovule

4b. There are five parts of a flower, and they are:

- a. petal, stem, branch, pistil, and stamen
- b. petal, sepal, pistil, stamen, and ovule
- c. branch, root, stem stamen and pistil

4c. List the five parts of a flower:

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

5a. The plant's life cycle includes these stages:

- a. seed, sprout, plant, flower, seed
- b. sprout, fruit, stem, seed

5b. The plant's life cycle includes these stages:

- a. seed, sprout, plant, flower, seed
- b. sprout, fruit, stem, seed
- c. flower, fruit, roots, branches

5c. In order, list the stages of the life cycle of a plant.

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

6a. What is the correct order of the life stages of a frog?

- a. A tadpole that is growing forelegs and hind legs, an adult frog, an egg, a tadpole.
- b. An egg, a tadpole, a tadpole that is growing forelegs and hind legs, an adult frog.
- c. An adult frog, a tadpole, an egg, a tadpole that is growing forelegs and hind legs.

6b. Number in order the stages of a frog's life. Number them from 1 to 5

_____ Tadpole

_____ Egg

_____ Adult frog

_____ A tadpole that is growing forelegs and hind legs

6c. Describe in a few sentences the life cycle of a frog. Be sure to give the growth in order.

7a. An insect will go through four stages. In order, they are:

a. metamorphosis, egg, pupa, chrysalis

b. egg, larva, pupa, adult

7b. An insect will go through four stages. In order, they are:

a. metamorphosis, egg, pupa, chrysalis

b. egg, larva, pupa, adult

c. adult, egg, larva, chrysalis

7c. Write, in order, the stages of an insect.

1. _____

2. _____

3. _____

4. _____

8a. A seed is the small (fruit, embryo) of a plant. It usually contains (water, food) for the plant to grow. Circle the correct answer.

8b. The seed is the small (part, fruit, embryo) of a plant. It usually contains (water, food, dirt) for the plant to grow. Circle the correct answer.

8c. The seed is the small _____ of a plant. It usually contains _____ for the plant to grow.

9a. The flower on the plant has a (petal, stamen) that produces the pollen on the plant. Circle the correct answer.

9b. The flower on the plant has a (petal, stamen, bud) that produces the pollen on the plant. Circle the correct answer.

- 9c. The flower on the plant has a _____ that produces the pollen on the plant.
- 10a. A bee will fly from flower to flower spreading the pollen from one plant to another. This is called:
a. hibernation
b. pollination
- 10b. A bee will fly from flower to flower spreading the pollen from one plant to another. This is called:
a. hibernation
b. pollination
c. reproduction
- 10c. When a bee flies from flower to flower spreading pollen, this is called _____.
- 11a. Human beings go through four stages of life. They are:
a. birth, growth, reproduction, death
b. growth, life, hatching, death
- 11b. Human beings go through four stages of life. They are:
a. birth, growth, reproduction, death
b. growth, life, hatching, death
c. adult, life, death, baby
- 11c. In order, number the stages of a human's life. Number them from 1 to 5.
_____ death
_____ growth
_____ birth
_____ reproduction

The following Colorado Model Content Standards are covered in this assessment by the questions indicated:

Questions 1 through 11 parts, a, b, and c: Standard 3.3 Students know and understand how the human body functions, factors that influence its structures and functions, and how these structures and functions compare with those of other organisms- describing life cycles of selected organisms

Answer Key

- 1a. b. reproduction
1b. b. reproduction
1c. Reproduction
- 2a. b. birth, growth, reproduction, death
2b. b. birth, growth, reproduction, death
2c. 1. birth
2. growth
3. reproduction
4. death
- 3a. a. A hen lays an egg, out of the egg hatches a chick, the chick grows to be an adult chicken, the hen mates with a rooster, and the hen lays an egg.
3b. 1. An adult hen lays an egg
2. Out of the egg hatches a chick
3. The chick grows to be an adult chicken
4. The hen mates with a rooster
5. The adult hen lays an egg
3c. Acceptable answers could include:
-A hen lays an egg, out of the egg hatches a chick, the chick grows to be an adult chicken, the hen mates with a rooster, and the hen lays an egg.
- 4a. b. petal, sepal, pistil, stamen, and ovule
4b. b. petal, sepal, pistil, stamen, and ovule
4c. petal, sepal, pistil, stamen, and ovule
- 5a. a. seed, sprout, plant, flower, seed
5b. a. seed, sprout, plant, flower, seed
5c. 1. seed
2. sprout
3. plant
4. flower
5. seed
- 6a. b. egg, tadpole, a tadpole with forelegs and hind legs, an adult frog
6b. 1. egg
2. tadpole
3. a tadpole with forelegs and hind legs
4. an adult frog
6c. Acceptable answers could include:
-A frog begins as an egg. It hatches into a tadpole. The tadpole grows and develops legs, then the tail of the tadpole begins to shrink. When the tail is gone it is a full grown frog.

- 7a. b. egg, larva, pupa, adult.
- 7b. b. egg, larva, pupa, adult
- 7c. 1. egg
2. larva
3. pupa
4. adult

- 8a. embryo
- 8b. embryo
- 8c. embryo, food

- 9a. stamen
- 9b. stamen
- 9c. stamen

- 10a. b. pollination
- 10b. b. pollination
- 10c. pollination

- 11a. a. birth, growth, reproduction, death
- 11b. a. birth, growth, reproduction, death
- 11c. 1. birth
2. growth
3. reproduction
4. death