



# Domain Assessment

# DA

This domain assessment evaluates each student's retention of domain and academic vocabulary words and core content targeted in *Cycles in Nature*. The results should guide review and remediation the following day.

There are three parts to this assessment. You may choose to do the parts in more than one sitting if you feel this is more appropriate for your students. Part I (vocabulary assessment) is divided into two sections: the first assesses domain-related vocabulary, and the second assesses academic vocabulary. Parts II and III of the assessment address the core content targeted in *Cycles in Nature*.

## Part I (Instructional Master DA-1)

Directions: I am going to say a sentence using a word you have heard in the read-alouds and in this domain. If I use the word correctly in my sentence, circle the smiling face. If I do not use the word correctly in my sentence, circle the frowning face. I will say each sentence two times. Let's do number one together.

1. **Cycle:** A life cycle includes the events a living thing goes through from birth to adult. (smiling face)
2. **Rotating:** It is Earth rotating, or spinning, around its axis, that causes daytime and nighttime. (smiling face)
3. **Hemisphere:** A hemisphere is half of the earth. (smiling face)
4. **Equator:** The equator is the coldest part of the earth. (frowning face)
5. **Precipitation:** Wind is a form of precipitation. (frowning face)
6. **Germination:** Seeds need warmth from the sun, nutrients from the soil, and water for germination to happen. (smiling face)
7. **Seasons:** The four seasons are spring, summer, autumn, and winter. (smiling face)

8. **Humidity:** Humidity is the dryness in the air. (frowning face)
9. **Metamorphosis:** Butterflies go through metamorphosis when they change their appearance completely from caterpillar to butterfly. (smiling face)
10. **Decomposers:** Decomposers help to feed chicks before they hatch. (frowning face)

Directions: Now I am going to read more sentences using other words you have heard and practiced. If I use the word correctly in my sentence, circle the smiling face. If I do not use the word correctly in my sentence, circle the frowning face. I will say each sentence two times.

11. **Protective:** Chickens are protective of their chicks and keep them safe. (smiling face)
12. **Transparent:** When something is see-through, it is transparent. (smiling face)
13. **Burrow:** Birds burrow when they fly south for the winter. (frowning face)
14. **Replenished:** Drinking water after exercise makes me feel replenished. (smiling face)
15. **Thrive:** Plants thrive when they are sick. (frowning face)

## Part II (Instructional Master DA-2)

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Directions: Let's read the names in each row together. I will read a sentence about one of the animal life cycles you have learned about. You will circle the name of the animal whose life cycle I am describing.

1. This animal changes from a fish-like larva with gills, called a tadpole, to a four-legged adult with lungs. (frog)
2. This animal hatches from an egg as a larva in the form of a caterpillar. (butterfly)
3. This animal hatches from an egg that has a shell, a yolk, and albumen. (chicken)
4. This animal goes through stages of metamorphosis from tadpole to adult. (frog)

5. This animal changes from a larva to a pupa to an adult insect with a head, body, and wings. (butterfly)

### Part III (Instructional Master DA-3)

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Directions: I am going to read several sentences about the cycles in nature you have recently learned about. If I use the sentence is correct, circle the smiling face. If the sentence is not correct, circle the frowning face. I will say each sentence two times.

1. The tilt of the Earth's axis in relation to the moon causes the four seasons. (frowning face)
2. The region of the world called the equator receives the most direct, intense sunlight. (smiling face)
3. A tree's life cycle begins as a sapling. (frowning face)
4. All animals migrate in the summer. (frowning face)
5. Many frogs burrow into mud in the bottom of ponds and spend the winter there. (smiling face)
6. Most of Earth's surface is covered by water. (smiling face)
7. Water can exist in three forms: solid, liquid, and gas. (smiling face)
8. There is an endless supply of water on Earth. (frowning face)
9. The three stages of the water cycle are evaporation, condensation, and precipitation. (smiling face)
10. The seasonal cycle includes the following seasons: winter, spring, winter, spring. (frowning face)