



SONLIGHT

D

Ages 8–11
Grades 3–5

Science (4-Day)

Extra Activity Sheets

by The Sonlight Team

"Apply your heart to instruction and your ears to words of knowledge."

Proverbs 23:12 (NIV)



4-Day Program

DSG41 Science D

"Biology, Taxonomy, and Human Anatomy"
Student Activity Sheets (2018)



Real Science 4 Kids: Biology Level 1

1. Write the meanings of the two Greek words that make up the word *biology* below. (1.1)

Remember, it is okay for you to act as a scribe on these sheets until your child is proficient at writing.

bios: _____ **logos:** _____

Write your own definition of *biology* here: _____

2. Circle the characteristics of living things. (1.1)



can smile



they reproduce



have skin



require food



some move freely in their environment



have legs



breathe air



eventually die

3. Why is taxonomy helpful to scientists? (1.2)

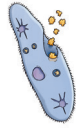
- ☐ because it better shows scientists each animal's particular color
- ☐ by organizing types of living things, scientists can better study their similarities and differences
- ☐ by organizing types of living things, scientists better know what to feed them at the zoo
- ☐ because organizing living things into groups helps scientists share the work of studying them

Write the name of the scientist who founded taxonomy here:



Science D: Week 1 Activity Sheet

4. Write the names of the five kingdoms scientists use below. (1.3)



P _____ P _____ A _____ M _____ F _____

5. Which characteristic determines the kingdom in which an organism will be placed? Circle your answer. (1.3)

where it lives

bone structure

its coloring

cell structure

6. Fill in the chart below with the missing information about the different kingdoms. (1.3)

Kingdom	Sample Creature	Interesting Fact
Animalia	_____	All animals have animal cells.
_____	Sycamore tree	All plants have _____ cells.
Fungi	_____	Members of this kingdom were once grouped with plants in the Plant Kingdom.
_____	Euglenas, Amoebas	Some members in this group have plant-like features, and others have _____ features.
Monera	Common creature shapes include rods, spheres and spirals.	Most members are _____, which means they only have one cell.

7. Why aren't frogs and cats part of the same class? (1.4)

☐

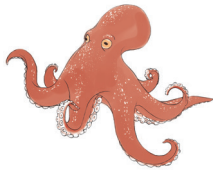
because frogs live on both land and water and cats nurse their young.

☐

because frogs live in the water and cats live on land.



8. Match the characteristic descriptions to the animal pair that best define each. Write the letter on the line. (1.4)

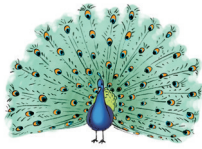


Phylum: Mollusca



Phylum: Chordata

- a. has a horny beak / is cold blooded
- b. has a soft body / has a backbone
- c. sharply hooked beak / flightless; live near oceans



Class: Aves



Class: Reptilia



Order: Falconiformes



Order: Sphenisciformes

9. Use the words in the box to order the classification categories. Write them in the funnel below. (1.4–1.5)

Species
Family
Kingdom
Class
Order
Phylum
Genus



10. Are you a Homo sapien? (1.5)

Yes

No