



High School Science Virtual Learning

# Applied Biological Science

## Protozoa

May 19, 2020



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## Lesson: May 19, 2020

### **Objective/Learning Target:**

Students will be able to describe and classify protozoans based on their characteristics.

## Let's Get Started:

1. What does the word protozoa translate to?
2. List 3 characteristics of protozoa.





## Let's Get Started: **Answers**

1. Proto - Primitive  
Zoa - Animal
  
2. No cell walls, have a nucleus, food storage vacuoles,  
some have cilia or flagella, most are heterotrophic



# Lesson Activity:

**Directions:** Watch the [Protozoan Video](#) then read through the [Protozoa](#) reading and take notes on protozoans then use the information to answer the practice questions.

**Link(s):** [Protozoa](#) [Protozoan Video](#)



# Practice

You will use the information from the lesson activity to answer the following questions.



# Practice Questions

1. Are protozoa prokaryotes or eukaryotes? How do you know?
2. What are the 4 types of protozoa? How are they classified?
3. How are protozoa similar to animals?
4. What roles do protozoa play in food chains and webs?
5. What type of protozoa is a Paramecium?
6. What type of protozoa is a Giardia?



# Answer Key

Once you have completed the practice questions check with the work.

1. Eukaryote, because they have a nucleus
2. Amoeboid, Ciliate, Flagellate, Sporozoan. They are classified by their means of movement.
3. Protozoa are like animals because they are mostly heterotrophic and most of them are able to move.
4. Protozoa have many roles in food chains and webs. Some are predators, some herbivores, even some decomposers.
5. Ciliates
6. Flagellate





## More Practice

Click on the links below for more practice.

1. [Protozoa Quizizz](#)
2. [Protozoa Practice Quiz](#)



## Additional Resources

[Protozoa Classification](#)

[Protozoa Case Study](#)