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| ***Frog Dissection Worksheet*** | drfrg11 |

1. What do you think is the function of the nictitating membrane, and why?
2. A frog does not chew its food. What do the positions of its teeth suggest about how the frog uses them?
3. Draw the digestive system.
4. Draw the heart and lungs.
5. Which parts of the frog’s nervous system can be observed in its abdominal cavity and hind leg?
6. Suppose in a living frog the spinal nerve extending to the leg muscle were cut. What ability would the frog lose? Why?
7. The abdominal cavity of a frog at the end of hibernation season would contain very small fat bodies or none at all. What is the function of the fat bodies?
8. Structures of an animal’s body that fit it for its environment are adaptations. How do the frog’s powerful hind legs help it to fit into a life both in water and on land?
9. During one mating of frogs, the female lays some 2,000 to 3,000 eggs in water as the male sheds millions of sperm over them. How do these large numbers relate to the frog’s fitness for life in water?
10. Observe the fingernails under the dissecting scope. Draw the nails.