

# Practice Describing Motion

MS PS Sem B or 2

Note: Edmentum owns Courseware and Apex Learning. This activity exists in both platforms, but they have different point values. To make things easier for me, the guide sheets are the same for Middle School Physical Science Sem B and Sem 2 because these are the same classes. Let Ms. Getz know if something with the content is incorrect so she can fix it. She may not be able to fix the point values, so look in the real activity to see how points are determined.



## 6.2.4 Practice: Describing Motion

Practice

Science 8 Sem 1

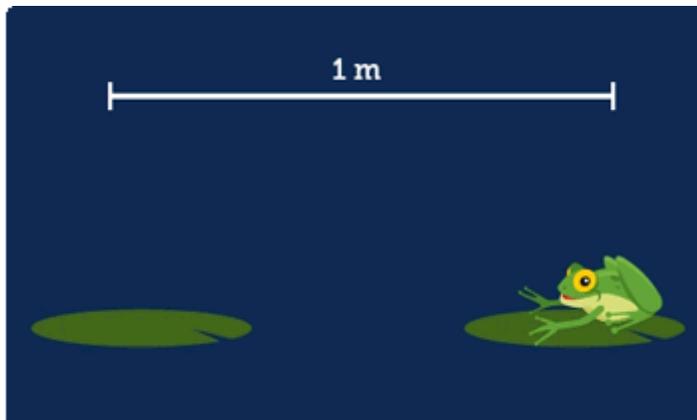
Name: \_\_\_\_\_

*Points Possible:*10

Date: \_\_\_\_\_



The motion of objects can be quite complex. The motion of this frog is an example. Suppose that the frog moves from one lily pad to the other in 1 second.



Describe the motion of the frog as it makes one round trip between the two lily pads. Use the terms *speed*, *velocity*, *displacement*, and *distance* in your answer.

Rubric:

Feature	Comments about the explanation	Points possible	Points earned
speed	Show your math when you explain it. Please show the calculation with numbers and symbols.	2	
velocity	Make sure you word it so I can tell how velocity is different from speed.	2	
displacement	Show how you determine the amount of displacement.	2	
distance	Show how you add up the distance traveled. Please show the calculation with numbers and symbols.	2	
Wrote an interesting story.		2	

Feature	Comments about the explanation	Points possible	Points earned
Total points		10 possible	

This link helped me

<https://www.physicsclassroom.com/class/1DKin/Lesson-1/Distance-and-Displacement>



- Read the assignment carefully and make sure you answer each part of the question or questions.
- After you've written your response, go back and read it again to make sure your thoughts are clear.



# Scoring RUBRIC

This activity is worth 100 points. The length of your response will depend on the type of question. Responses should be written in complete sentences, illustrated with labeled diagrams, and/or calculated with all work shown.

You can use this general rubric for guidance on how your responses will be scored by your teacher. Once scoring is complete, your teacher will provide you with feedback on your performance.

Points awarded	Description
Full points	The response addresses all parts of the question completely and correctly.
Partial points	The response is incomplete or partially incorrect.
No points	The response is incorrect, it does not match the question, or no response is given.

**Teacher score: \_\_\_\_\_ out of 100**

---