

**Evolution**  
**Back to the Seas Video Notes**

Name:  
 Period:

Fill out the chart below as you watch the movie. The animals appear in the movie in the order they are listed below.

animal	environment	food	adaptations
<i>Basilosaurus</i>			
<i>Pakicetus</i>			
<i>Mesonychid</i>			
<i>Ambulocetus</i>			
<i>Rodhocetus</i>			
modern whale			

Next, rewrite the information in the order shown below (oldest ancestor to modern whale).

animal	environment	food	adaptations
<i>Mesonychid</i>			
<i>Pakicetus</i>			
<i>Ambulocetus</i>			
<i>Rodhocetus</i>			
<i>Basilosaurus</i>			
modern whale			

Finally, analyze your data. **On the back of this paper, answer this question: How did whales evolve over time to match their environment?** Stuck? Check p.302-303 for some help.