

## Breathing in the Air : The Lungs

### Question 5 Page 3

Name		School	
Class		Date	

The picture below shows the breathing hole of the edible snail as it crawls up a piece of glass. It is the black spot just to the left of the snail's foot. This breathing hole is connected to a simple lung underneath the shell of the snail.



If you observe the breathing hole carefully in a living snail you will see that it contracts and relaxes regularly as the snail breathes in and out.

Questions	Answers
1. Do you think that the snail will breathe faster or slower as the temperature of the air around it increases?	

**Breathing in the Air : The Lungs**

**Question 5 Page 2**

Name		School	
Class		Date	

2. Design a simple experiment using a living snail to find out if the snail breathes faster or slower as the temperature around it changes. (a) Describe how you would measure how fast the snail is breathing. (b) Explain how you would make the snail warmer or colder. (c) Show how you would present your results.	(a)
	(b)
	(c)