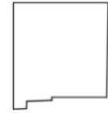




Sponge Salamanders

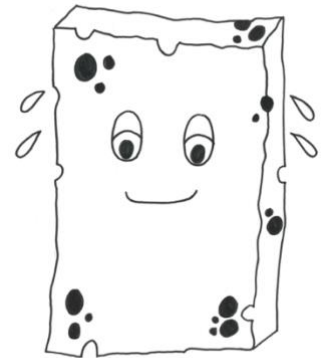


A Letter from a Sponge Salamander

Hi! I'm your sponge salamander.

I'm on my way back home and need to rest here in your classroom for a few days. The problem is, it is dry here. Will you please make a habitat for me to stay in for a few days? I have a few requests:

- Please don't put anything directly on my body. Make a nice space you can put me in and take me out of easily.
- I don't need much air, but please make sure I get fresh air for at least 10 minutes every day.
- Let me soak up water at the start of my stay, but please don't add more water after that.



Thank you for your help!

My Habitat Design

1. With your partner, create a design for a habitat that will keep your sponge salamander from drying out. Make sure you follow the requests above. Describe your habitat plan below.

Ask your teacher to approve your plan and then place their initials here: _____

My Results Table

	<u>Control</u> Sponge Salamander <i>Weight of the sponge (g)</i>	<u>My</u> Sponge Salamander <i>Weight of the sponge (g)</i>
Starting weight		
Final weight		
Total water lost (starting weight – final weight)		

Compare Your Habitat with Others

2. Which sponge lost the least water: your habitat or the control? *Circle one.*

The Control Habitat

My Habitat

3. What was the difference in water loss between your sponge and the control? _____g of water

4. The salamander in the best habitat lost _____ g of water.

5. What was the difference in water loss between your sponge and the sponge in the best habitat?
_____g of water

6. List one strength and one weakness of your habitat.

7. List one strength and one weakness of the best habitat.

8. Based on the results of this experiment, how would you change your habitat if you were doing this again?