

Name: _____ Period: _____ Date: _____

Diffusion and Osmosis Investigation CONCLUSION AND REFLECTION

You MUST:

- ✓ As you write, assume **the person reading it has never learned this information before.** (Be specific and detailed!!!)
 - ✓ **Use proper language conventions** (capitalization, paragraph indentation, grammar usage, spelling, etc.).
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REMEMBER:

There were TWO focus questions in this investigation.

Focus question 1:

Why are osmosis and diffusion important to cellular function?

Focus question 2:

How is the cell membrane included in osmosis and diffusion?

CONCLUSION

This is a summary of what you DID and LEARNED

1. **Start by explaining what the investigation was about or what you were trying to find out.**
 - a. Rewrite each focus question as a statement.
 - b. Start with, "In this investigation I learned" and then finish the sentence.

2. ANSWER the focus questions to explain what you LEARNED from this investigation.

- a. Analyze the data collected and what you learned from this investigation. Use pages 414 and 415 in the FUSION Cells reading packet as well as any definitions and demonstrations..
- b. Use VOCABULARY properly.

Answer focus question 1 below!

Answer focus question 2 below!

REFLECTION

This is where you reflect or think back on your experience.

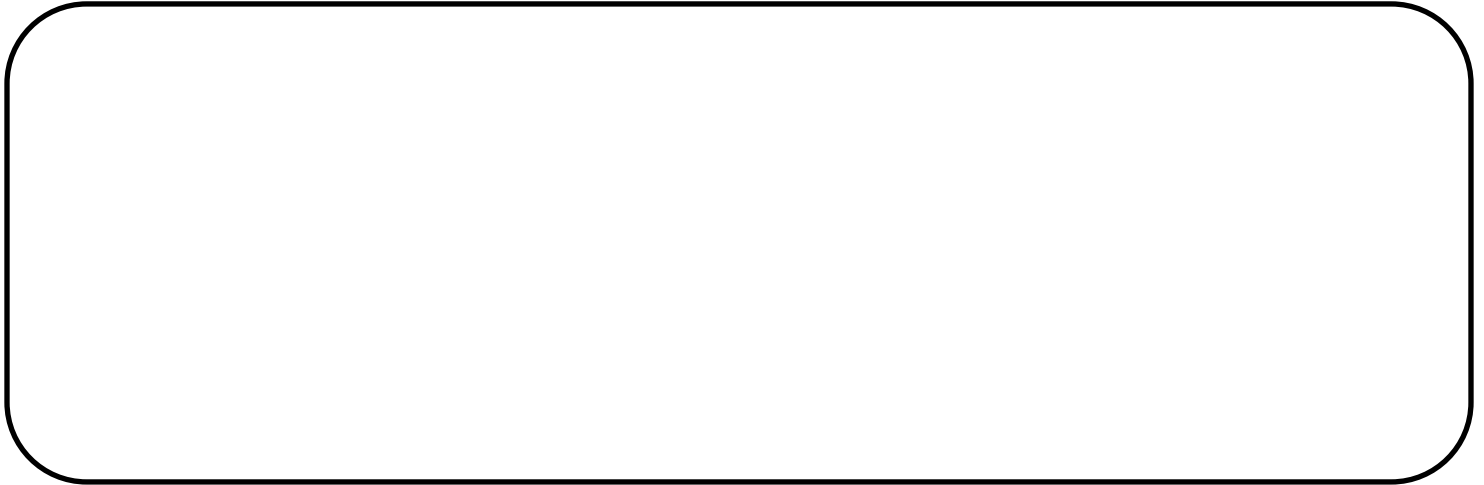
1. What were YOUR OWN THOUGHTS after the investigation?

a. Rewrite this sentence. Fill in the blanks as it relates to this investigation. I suggest you see what diffusion has to do with alveoli in the lungs. Or find your own answer.

- **I did this investigation because it relates to real life. The way it relates to real life is_____.**

b. Pick ONE of these sentence stems. Rewrite it and fill in the blanks.

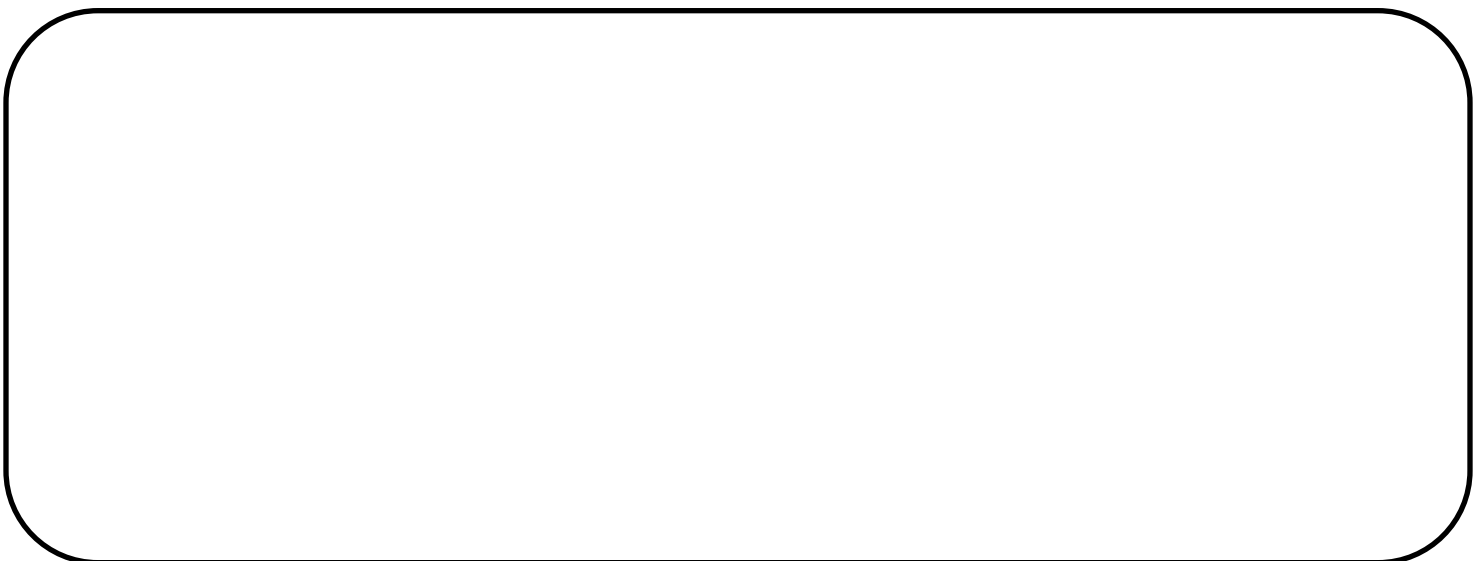
- I/we liked/did not like _____ because _____.
- This reminds me/us of _____ because _____.
- Now I/we think that _____ because _____.
- One thing that surprised me during the investigation was _____ because-
_____.
- I/we discovered that _____.



2. Explain anything you STILL HAVE QUESTIONS about after doing the investigation. Can you predict what the next lesson will be about?

a. Pick one or more sentence stems or write in your own. Relate what you write to this investigation or unit (Cell Biology and Disease).

- What would happen if _____?
- I think what we will do next is _____.
- I want to know more about _____ because _____.



Conclusion & Reflection Grading Rubric

	1pt (Lacking) Many parts missing	2pts (Fair) Partially Completed	3pts (Good) Completed	4 pts (Excellent) Completed Well
CONCLUSION				
1. What was the investigation about? (Restate focus question.)				
2. Focus question answered to explain what was learned. *Used data and vocabulary.				
REFLECTION				
1. Own thoughts (real life + one other sentence stem)				
2. Own questions (one sentence stem)				
OVERALL WRITING				
3. Language Conventions: <ul style="list-style-type: none"> ✓ word spelling ✓ capitalization ✓ grammar or word usage ✓ paragraphing ✓ full sentences (no run-on or sentence fragments) ✓ punctuation 	<p>Errors are serious and numerous.</p> <p>They cause the reader stop often to figure out writer's meaning.</p>	<p>Errors are frequent.</p> <p>They may cause the reader to stop and reread part of the writing. Flow of communication is impaired.</p>	<p>Errors are occasional.</p> <p>They do not disrupt the flow of communication.</p>	<p>There are few or no errors.</p> <p>None of the errors impact the flow of communication.</p>
TOTAL SCORE				/20