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| **8th Grade Science****Snowflake Nucleation** | Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pr.\_\_\_\_\_\_\_\_\_\_ |

My SnowSchool expert group is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Using the website below, answer the questions that follow. <http://www.nytimes.com/2008/03/04/science/04obsnow.html>

1. From the first paragraph of the reading, what is meant by the term “ice nucleator”?
2. What are four things the article lists that can be nucleators?
3. Are you surprised that bacteria are on your list for question 2? Where would those bacteria have to be to act as ice nucleators?

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4. Briefly describe how scientists figured out that bacteria can be ice nucleators.
5. How does this information pertain to your expert group?
6. How does this information pertain to the other expert group?

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