Nano Survey

1. Read the article on nanotechnology. How would you define **nanotechnology**?

_________________________________________________________________________
_________________________________________________________________________
_________________________________________________________________________

2. List the two **most important** things that you think people should know about the **benefits** of nanotechnology, based on your reading of the article.
   - ______________________________________________________________________
   - ______________________________________________________________________
   - ______________________________________________________________________
   - ______________________________________________________________________

3. List the two **most important** things that you think people should know about the **risks** of nanotechnology, based on your reading of the article.
   - ______________________________________________________________________
   - ______________________________________________________________________
   - ______________________________________________________________________
   - ______________________________________________________________________

4. Circle one of the following statements that best reflects your opinion about the benefits and risks of nanotechnology.

   **Benefits outweigh the risks**
   **Risks outweigh the benefits**

   Explain why you selected the statement that you circled. Use information from the article to support your opinion.

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_________________________________________________________________________
Discussing the Nano Survey

1. Work with a student who read a different article. Exchange articles so that you have a new article (one that you did not read for homework).

2. Read the new article. As you read, make a list of three additional things that you think people should know about the risks and benefits of nanotechnology.

   • ____________________________________________________________________
   • ____________________________________________________________________
   • ____________________________________________________________________
   • ____________________________________________________________________
   • ____________________________________________________________________
   • ____________________________________________________________________

3. Next, work with your partner to reach consensus (agreement) on the two most important things that people should know about:
   • The **benefits** of nanotechnology
   • The **risks** of nanotechnology

   List these on a poster (like the one shown on the right).

4. On your poster, list at least two **questions** that people could ask to help them understand the benefits and risks of nanotechnology or nanomaterials.

   Be prepared to share and discuss this poster with the class.
5. Join with another pair of students to form a team of four students.

6. Discuss the question, “How might news articles bias people’s opinions about the use of nanotechnology and nanoproducts?”

*Hint: The word “bias” means - to prejudice; to influence opinions in an unfair way*

- Make a list of at least two possible answers to this question.
- Be prepared to share your answers with the class.

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7. Work individually. Circle one of the following statements that best reflects your opinion about the benefits and risks of nanotechnology.

*Benefits will outweigh the risks*  *Risks will outweigh the benefits*

Did you change your opinion? Explain why or why not.
_________________________________________________________________________
_________________________________________________________________________
_________________________________________________________________________
_________________________________________________________________________

8. Do you think the articles that you read about nanotechnology were biased? Explain why or why not.
_________________________________________________________________________
_________________________________________________________________________
_________________________________________________________________________
_________________________________________________________________________