Student Worksheet

R.A.N.-Reading and Analyzing Nanotechnology

Materials
Selected non-fiction book

Worksheet

Pencil or pen

Pages assigned to read _____
Assigned Group Members_____

Section 1: Answer before reading assigned pages.
Read the following statements and put a check in the appropriate box.

	Agree	Disagree
1. Most companies currently pursuing nanotechnology initiatives are involved in pure research and development.		
2. The process of nanofabrication in making gold nanodots is a new process showing up in industry.		
3. Biotechnology and pharmaceuticals are two segments of industry that stand to gain a great deal from nanotechnology.		
4. A speech by Nobel Prize winning physicist Richard Feynman in 1960 is commonly considered to have launched nanotechnology.		
5. A "smart" material is one that incorporates in its design a capability to perform several specific tasks and in nanotechnology that process in done at the molecular level.		

6. Write below two questions that you have about the assigned book
A.

B

7. Predict what you think the book will focus on in relationship to nanotechnology.

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Read your assigned pages.

Section 2:

1. Summarize and write below at least four important statements that come from the assigned reading.

A.

B.

C.

D.

2. When instructed to do so by your teacher, find the other members of your group. Share with the group what your section of the book was about and the four important statements from your reading.

3. List each member of your group and a one sentence summary of their section of the book.

Student	Summary

Section 3:

Read the following statements and put a check in the appropriate box.

	Agree	Disagree
1. Most companies currently pursuing nanotechnology initiatives are involved in pure research and development.		
2. The process of nanofabrication in making gold nanodots is a new process showing up in industry.		
3. Biotechnology and pharmaceuticals are two segments of industry that stand to gain a great deal from nanotechnology.		
4. A speech by Nobel Prize winning physicist Richard Feynman in 1960 is commonly considered to have launched nanotechnology.		

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5. A “smart” material is one that incorporates in its design a capability to perform several specific tasks and in nanotechnology that process in done at the molecular level.		

Write a statement below that summarizes your initial predictions to questions 6 and 7 in section 1. Explain how your predictions agree or disagree with your understanding of the book now.

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