Spectroscopy Brochures

INTRODUCTION:

You are part of a new chemical research firm with a new Spectroscopy Division and need to attract new clients. Employees have been asked to design pamphlets/brochures on spectroscopy and its applications to attract these clients. This brochure will be formatted to be folded into thirds, and then distributed to various industries.

THIS BROCHURE IS DUE ON

YOUR ASSIGNMENT:

Part 1

You must answer the following questions.

1. What is spectroscopy?
2. What is the difference between emission and absorption?
3. How are frequency and wavelength related?
4. What types of energies are involved in spectroscopy?
5. What equipment is used in spectroscopy?
6. Are there different types of Spectroscopy?

Part 2

For the second part of the assignment you will choose one of the types of Spectroscopy that you found in you research. Answer the following:

1. Give a brief description of the Spectroscopic method that you choose.
2. Discuss its basic operation.
3. What are its applications to health and/or industry?

Type the information into a Microsoft Word document and be sure to include any pictures that would be relevant to your information.

Directions for setting up your Brochure template:

1. Open a Word Document, you will need 2 pages to complete your brochure.
2. Set paper layout to landscape.
3. In Page layout set your pages to have three columns.

4. Page 1 should include the following…

Part 1		Part2
Heading Answers to questions 1-3	Answers to questions 4-6	Spectroscopic method you choose. Answers to Questions 1-2

5. Page 2 should include the following…

Part 2		
Spectroscopic Method you choose Answer to Question 3	References	Cover page

6. Either print out a hard copy or email your attached file to bbalgieri@phillasd.org

RESOURCES:

The following websites may be helpful in obtaining information for your brochure but you need not limit your research to these, they are just a place to get started:

http://loke.as.arizona.edu/~ckulesa/camp/spectroscopy_intro.html

http://spectroscopyonline.findanalytichem.com/

http://www.spectroscopynow.com/coi/cda/home.cda?chId=0

http://www.scienceofspectroscopy.info/