

Option # 1 Electron Geometry Models

Create models for the electron geometries we learned in class using any non perishable medium.

- Create a collection of models using your selected medium that represents each of the electron geometries we learned during our investigation of the VSEPR theory. (13 models)
- Each model will be accompanied by an Identification Card that lists the following:
 - Name of Geometry
 - Approximate bond angles
 - Representative Molecule

Model	Possible Points	Your Score
Each model is correctly built. (2 points each)	26 points	_____
Identification card is present and correct (1.5 points each)	19.5 points	_____
Creativity	4.5 points	_____
Total Score	50 points	_____

Option # 2 Chemistry Word Search or Crossword Puzzle

- Create a Word Search or Crossword Puzzle using the vocabulary from the chapter.
- Clues (definitions) must be used for both puzzle types, can't just give the list of words to find (word search).
- Must use all "KEY TERMS" from chapter 8 (page 380) and Chapter 9 Section 1 (page 416), 42 words total.
- Answer key must be included.

Puzzle	Possible Points	Your Score
Puzzle is neatly typed	3 points	_____
Answer Key is included	5 points	_____
All 42 words are defined correctly as clues for a search or puzzle	42 points	_____
Total Score	50 points	_____

Option # 3 Chemistry Article Report.

Select an article related to Chemistry, you can always use ChemMatters (link on my teacher page and wiki) if you can't find one in the paper or a magazine that suits.

- You will turn in a 2 page (minimum) report on the topic.
- You must explain the topic and how it is related to chemistry.
- You need to define and explain at least one new term.
- You must explain how this topic impacts the world.
- The report will include a works cited that includes the article and at least TWO additional sources, in MLA format.

Report	Possible Points	Your Score
Report is neatly typed	4 points	_____
Report is grammatically correct	6 points	_____
Report includes MLA works cited	10 points	_____
Report includes an explanation of the topic	10 points	_____
Report includes an explanation of a new term	10 points	_____
Report includes an explanation of the topics world impact	10 points	_____
Total Score	50 points	_____