

Name: _____

Period: _____

Purpose: To learn the trends of the periodic table and how they influence chemical reactions. You will demonstrate this by creating a board game and then playing the games.

Background Information: Please discuss, in your own words (you won't get credit unless they are your own words) the following terms:

Ionization energy:

Electro affinity:

Atomic Radius:

Metals:

Nonmetals:

Metalloids:

Active metals:

Procedures:

1. After completing the background information you will now create a board game.
2. You must include 20 questions related to the information found in section 2-4.
3. You will provide the questions and an answer key.
4. You will also need to create a game board, pieces, directions, and any other necessary supplies to play your game.
5. Your questions should be typed as well as the directions.
6. You will be graded in large part on creativity and accuracy.

Grading Rubric:

Creativity:	50 pts
Accuracy:	50 pts
Gameboard neat and attractive:	20 pts
Questions Typed and answered:	20 pts

Total:	140 pts
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Hint: To help you with this assignment think of other board games that you have played: Balderdash, Cranium, Chutes and Ladders, Risk, Operation, Candyland, Monopoly, Trivial Pursuit... You may also just create your own unique and fun game!