

Name _____ Date _____ Hour _____

Chemistry Crossword Challenge

Task: Create a crossword puzzle using key terms and concepts from our unit on chemical reactions.

Rules:

1. All words must cross at least once. All words must be written from left to right and top to bottom, no diagonals or backward spellings.
 - a. Bonus points will be awarded for words that cross more than two words in their middles.
2. You must include the coefficient(s) of at least five different balanced equations in your puzzle somewhere.
3. You will use the reaction types twice, once with definition as the clue, and once where you identify an example reaction from that category.
4. Your Final product must be neat-USE A RULER!
5. Your name should be somewhere in the puzzle

Word List

Balance	Equal	Decomposition x 2
Chemical equation	Reactants	Coefficient from reaction #1
Coefficients	Synthesis x2	Coefficient from reaction #2
Conservation	Combustion x 2	Coefficient from Reaction #3
Products	Single Replacement x 2	Coefficient from Reaction #4
Subscripts	Double Replacement x 2	Coefficient from Reaction #5

Final Steps

- Use a ruler to outline your puzzle. USE A RULER!
- On a separate sheet of graph paper, create a blank copy of your puzzle. Again, USE A RULER!
- Number your down and across clues.
- Create a list of clues for each of your puzzle entries. These should be typed neatly in a google doc and shared with Mrs. Nickel at nickelkmtcps@gmail.com or nickelk@stu.mtcps.org
 - Title your document: Last name, First Name, Chemistry Crossword Clues