

Chemistry NTI Assignments

Mrs. Byars

Write each assignment on a separate sheet of paper with your name, date and NTI DAY _____. Return your assignment(s) to me on the next regular class day.

NTI Day 1:

Write a paragraph explaining ions and isotopes. Use subatomic particles, mass and charge in your response.

NTI Day 2:

Pick 7 elements and write their full electron configurations. Circle their valence configuration.

NTI Day 3:

Make flashcards for 10 vocabulary words.

NTI Day 4:

Draw the Lewis Dot Structures for elements 1-10.

NTI Day 5:

Draw the Lewis Dot Structures for elements 11-20

NTI Day 6:

Write a paragraph explaining the difference between chemical and physical properties.

NTI Day 7:

Write a paragraph explaining the following periodic table trends: atomic radius, electronegativity, metallic character.

NTI Day 8:

Pick an element on the periodic table and create an atomic superhero that represents that element. Create a visual representation (draw, build, edit a picture on your phone or computer, etc.) and write a paragraph explaining the superpowers your hero has.

NTI Day 9:

Write a paragraph explaining the difference between covalent and ionic bonds.

NTI Day 10:

Write a paragraph explaining how elements are arranged on the periodic table.