

COLEGIO NACIONES UNIDAS I.E.D.

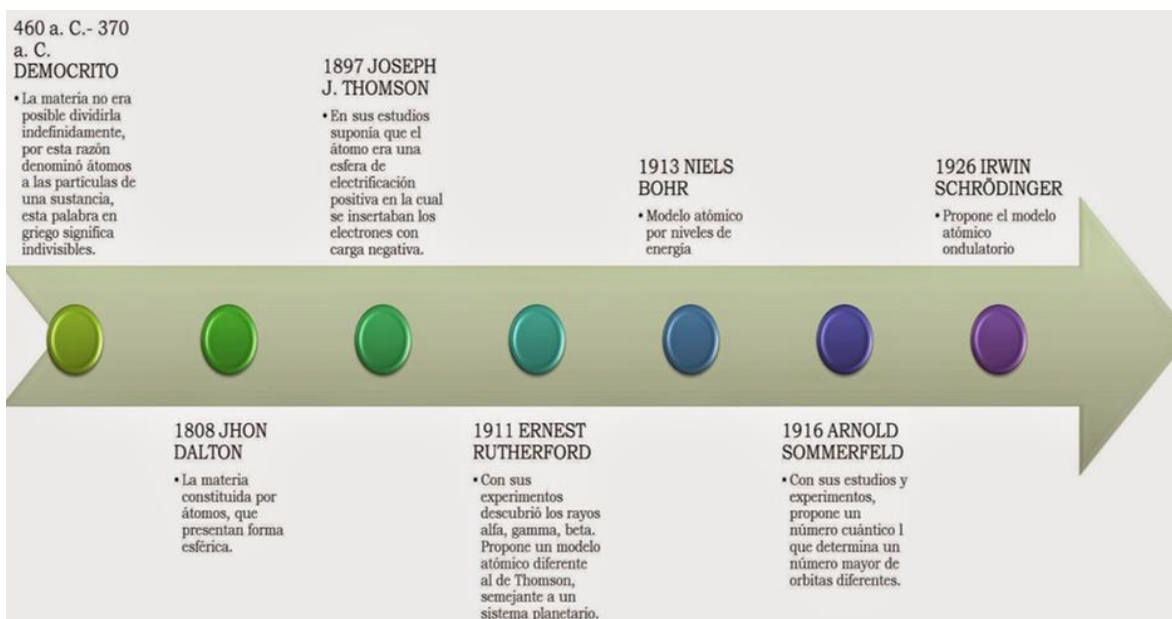
PEI: FORMACIÓN INTEGRAL DE LÍDERES EMPRENDEDORES COMPETENTES, CON PRINCIPIOS DEMOCRÁTICOS, TECNOLÓGICOS, CULTURALES Y DEPORTIVOS



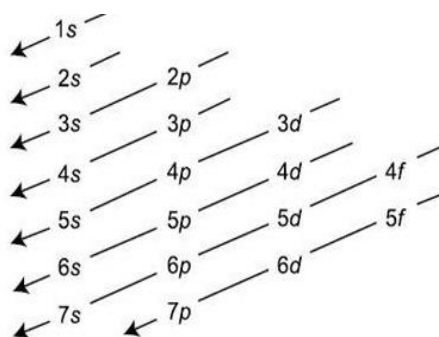
LEMA: "EDUCACIÓN, CIENCIA, CULTURA Y DEPORTE PARA TRASCENDER"

PREPARATION WORKSHOP
THIRD PERIOD
CHEMISTRY
SEVENTH GRADE
TEACHER HEISEL QUESADA

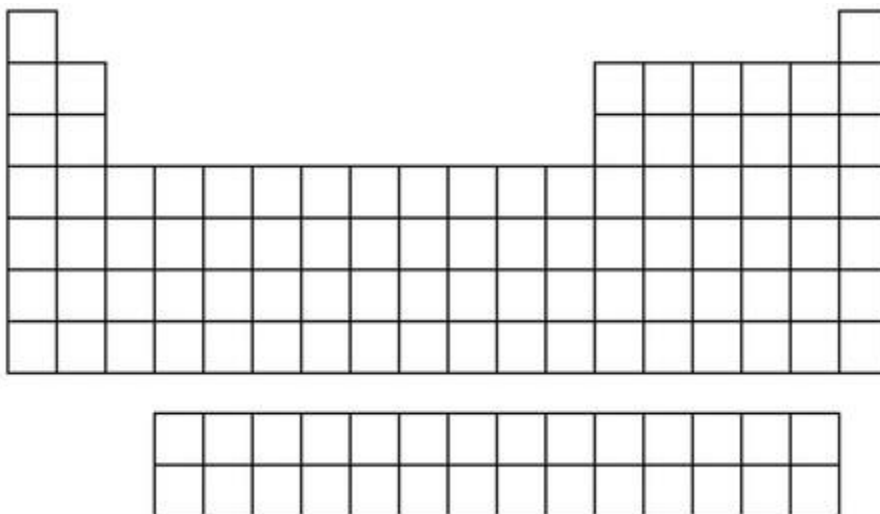
Delivery date November 3, 2023



1. Make a concept map with the text of the current atomic model
2. Copy the timeline of the historical evolution of the atomic models and draw each one
3. Explain why each atomic model was disproved
- 4.



5. Draw the Moeller scheme with its parts and make the following electronic distributions
 - a. Z 105
 - b. Z 14
 - c. Z 60
 - d. 6d3



6. Draw the scheme of the periodic table and color with green the noble gases, blue the rare earths, yellow the alkali metals, red the halogens and gray the transition metals. Write the groups and periods
7. Locate the following elements on the periodic table: chlorine, uranium, beryllium, iron, thorium, aluminum, cobalt, vanadium, manganese, and lithium. Write its atomic number, symbol and name
8. Choose 5 previous elements and perform all the atomic characteristics
 In a laboratory the following substances are found, it is required to know what compounds were used to produce them. Answer the following questions Cl_2O_3 , HIO_3 , $In(BrO_2)_3$, $V_2(SO_3)_5$, $U(OH)_3$
9. What are the oxidation numbers of each substance
10. What types of substances are