Month	Book	Chapter/Lesson title	Topics	Activity	Learning Outcome
April, June, July	Science Textbook, NCERT Publication	Matter in Our Surroundings		Determination of Boiling point of water.	Stidents will be able to, 1) Comprehend the concept of matter and particulate nature of matter. 2) Convert Celsius and Kelvin scales of temperature. 3) Explain the different processes involved in interconversion of states of matter. 4) Apply the knowledge to explain the differnt phenomen related to evaporation, in our daily life.
July, August		Is Matter Around us Pure		1) Preparation of true solution, colloid, suspension and distinguish them based on certain properties. 2) Performing the different experiments (reactions) and classifying them as physical and chemical changes.	Students will be able to, 1) Analyse the diffrences in the properties of elements, compounds, mixtures. 2) Classify mixtures as homogeneous and heterogeneous with examples from daily lives. 3) Classify samples as true solution, colloid, suspension on the basis of their certain chracteristics.
October, November		Atoms and Molecules		Verification of Law of Conservation of Mass in chemical reaction.	Students will be able to, 1) Analyse the importance and interdependence of laws of chemical combination by solving numericals. 2) Relate Dalton's atomic Theory with the laws of chemical combination. 3) Apply their knowledge in deriving chemical formula of the substances. 4) Apply the concept of molar mass, atomic mass, mole to solve numerical problems.

| December, January | | Structure of Atom | | Preparation of a chart consisting of atomic number, mass number, electronic configuration of first 20 elements. | Students will be able to,
1) Analyse critically, alpha particle scattering experiments by comparing with the previous proposed model.
2) Comprehend the meanings of atomic number, mass number and calculate the number of subatomic particles.   3) Write the electronic configurations of first 20 elements.
4) Calculate the average atomic mass of the isotopes and give explanation for fractionnal atomic mass. |