

**LOVE DALE CENTRAL SCHOOL, BELAGAVI**

**PEDAGOGICAL STRATEGIES 2021-22**

**SUBJECT : SCIENCE ( Chemistry)**

**CLASS: VIII**

<b>SL.NO</b>	<b>TOPIC</b>	<b>LEARNING OUTCOMES</b>	<b>ACTIVITY</b>
1	Synthetic fibers and Plastics	<ol style="list-style-type: none"><li>1. Define fiber.</li><li>2. List the different types of fiber.</li><li>3. Explains about the plastics.</li></ol>	<ol style="list-style-type: none"><li>1. To make a collage on harmful effects of plastic.</li><li>2. To observe electrical conductivity of plastic.</li></ol>
2	Metals and Non Metals	<ol style="list-style-type: none"><li>1. Differentiate between metals and non metals</li><li>2. Lists the chemical and physical properties of metals and non metals.</li><li>3. Explains about the uses of metals.</li></ol>	<ol style="list-style-type: none"><li>1. To observe the displacement reaction.</li><li>2. To write the uses of metals and non metals.</li><li>3. To observe the burning of magnesium ribbon produces magnesium oxide.</li></ol>
3	Coal and Petroleum	<ol style="list-style-type: none"><li>1. Define coal and petroleum.</li><li>2. Explains about the fossil fuels.</li><li>3. List the exhaustible natural resource.</li></ol>	<ol style="list-style-type: none"><li>1. To prepare a concept map on coal and petroleum.</li></ol>
4	Combustion and Flame	<ol style="list-style-type: none"><li>1. Describe combustion and list the conditions necessary for combustion.</li><li>2. Differentiate between different types of flame.</li><li>3. Lists the different types of fuel.</li><li>4. Explains how fire can be extinguished.</li></ol>	<ol style="list-style-type: none"><li>1. To draw the diagram of candle flame and label the different zones of the flame.</li><li>2. To prove that air/oxygen is the supporter of combustion.</li></ol>
5	Chemical effect of Electric Current	<ol style="list-style-type: none"><li>1. Differentiate between conductors and insulators.</li><li>2. Explains the conductivity in liquids.</li><li>3. List some applications of electrolysis.</li></ol>	<ol style="list-style-type: none"><li>1. To study the flow of electric current through liquids.</li><li>2. To observe the electrical conductivity of different fruit and vegetables .</li></ol>
6	Pollution of Air and Water	<ol style="list-style-type: none"><li>1. Describe ways to prevent accidents.</li><li>2. Provide first aid to an injured person</li><li>3. Describe the correct way to put out fires.</li></ol>	<ol style="list-style-type: none"><li>1. To study and write the causes of water pollution.</li></ol>

**Subject Teacher's SIGN**

**HOD SIGN**

**PRINCIPAL SIGN**