

LOVE DALE RESIDENTIAL SCHOOL (SENIOR SECONDARY)

Year plan 2024-25

Class8

Physics

Month	Chapter No	Chapter name	Suggested activities
June	Chapter8	Force and Pressure	Art Integrated Activity) Take 4-5 plastic bottles of different shapes and sizes. Join them together with small pieces of glass or rubber tube as shown in Fig. 8.22 Keep this arrangement on a level surface. Now pour water in any one of the bottles. Note whether the bottle in which water is poured gets filled first or all the bottles get filled up simultaneously. Note the level of water in all the bottles from time to time. Try to explain your observations.
July	Force and Pressure (Continuation)		2. Study the relationship between area, pressure and force.

August	Chapter9	Friction	<p>(Sports Integrated Activity)</p> <p>1. What role does friction play in the sport of your choice? Collect some pictures of that sport in action where friction is either supporting it or opposing it.</p> <p>2. Organize a debate and discussion on the topic- "if there is no friction on the Earth</p>
September	Chapter 10	Sound	<p>(Art integrated Activity)</p> <p>1.Prepare a list of famous Indian Musicians and the instrument they play</p> <p>present it in the class.</p>
October	Sound (continuation)		<p>2. Identify the sources of noise pollution in your locality. Discuss with your parents, friends and neighbors. Suggest how to control noise pollution. Prepare a brief report and present in the class</p>
November	Chapter 12	Some Natural Phenomena	<p>(Art integrated Activity)</p> <p>Make a simple electroscope</p>
December	Chapter 13	Light	<p>(Art integrated activity)</p> <p>1.Making a kaleidoscope</p>
January	Light (continuation)		<p>2. Survey your neighborhood. Find out how many children below the age of 12 years use spectacles. Find out from their parents what, in their view, could</p>

			be the reason for the weak eyesight of their children.
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Chemistry

Month	Chapter No	Chapter Name	Suggested Activity
June	Chapter 3	Coal and Petroleum	(Art integrated activity) Get an outline map of India, mark the places from where coal, petroleum and natural gas are found
July	Coal and Petroleum (continuation)		
August	Chapter 4	Combustion and flame	Find out the number, type and location of fire extinguishers available in your school, nearby shops and factories. Write a brief report about the preparedness of these establishments to fight fire 2. Make index cards on variety of fuels used in our country and mention their calorific value.
September	Combustion and flame (continuation)		3. To understand complete and incomplete combustion by observing a candle flame and keeping a glass at the tip of candle flame (sooty

			deposit)
November	Chapter 11	Chemical effects of electric current	Find out the health concerns associated with chromium electroplating.
December	Chemical effects of electric current(continuation)		2. Test the conduction of electricity through various fruits and vegetables. Display your result in a tabular form.