

# LOVE DALE CENTRAL SCHOOL

Learning outcomes and activity plan for the year 2021-22

Class

VI

Subject: Science

L.No.	Lesson	Learning Outcome	Activity
1	Food and its Sources	Students will be able to: 1. Name & identify different sources of food. 2. Classify the animals based on food habits.	1. Show different food products to students and ask them to name the source. 2. Prepare a dish with your mother, note down the ingredients & find their source.
2	Components of food	Students will be able to: 1. Name & identify different components of food. 2. Describe role of healthy food in life & its role in prevention of diseases. 3. Develop healthy food habits.	1. List the common diseases caused by deficiency of vitamins and minerals. 2. Observe the nutritional value table on a food packet and analyse how much nutrients we get from that food.
3	Separation of Substances	Students will be able to: 1. Differentiate between pure substance & mixtures. 2. Perform an expt to prepare saturated solution.	1. Students will prepare saturated solution using salt. 2. Perform sedimentation & decantation experiment.
4	Fibre to Fabric	Students will be able to: 1. Define fibre, yarn, fabric etc 2. Explain the process of fabric formation 3. Analyze why natural fibre is better than synthetic fibre.	1. Prepare a mask using cotton fabric 2. To write a poem on the journey of a natural fibre. 3. Prepare a wick using cotton.
5	Sorting Materials into Groups	Students will be able to: 1. Differentiate the substance based on property of a substance. 2. Justify why some objects float, sink, expand.	1. Certain objects will be thrown in a bucket of water to observe which among them sink, float. 2. Ask students to sort their clothes and arrange them neatly in cupboards.

6	Changes Around Us	Students will be able to: 1. Identify different types of changes. 2. Explain characteristics of physical change and chemical change. 3. Analyse what happens when we heat or cool a material.	1. Melting of ice & freezing of water. 2. Mix flour with water and roll it to make a roti and see if we can reverse it, now roll it again and fry. In which case can we get back the original substance?
7	Things Around Us	Students will be able to: 1. Define terms like biotic, abiotic, reversible, irreversible. 2. Describe characteristics of living and non living things. 3. Analyze how biotic components and abiotic components are related.	1. Make a concept map on characteristics of living things and non living things.
9	Plant-Form and Function	Students will be able to: 1. Draw, label & identify different parts of a flower. 2. Analyze & describe why some stem, root are modified. 3. List the function of each part of a plant.	1. Students need to show and explain the different parts of flower using a hibiscus flower. 2. Role play of any part of the plant.
10	Animal: Form and Movement	Students will be able to: 1. Identify different parts of a skeleton. 2. Describe different types of joints in human body.	1. Observe a structure of skeleton, identify parts and names of joints. 2. Try to move like a earthworm. 3. Move different joints and observe how they allow movement in different ways.
11	Measurement and Motion	Students will be able to: 1. Identify different types of motion. 2. Distinguish between different types of motion based on examples.	1. To make a paper fan. 2. Measure the table or desk.

12	Fun With Magnets	<p>Students will be able to:</p> <ol style="list-style-type: none"> <li>1. Identify and select the materials which are generally used for making refrigerator magnets.</li> <li>2. Demonstrate the procedure for making different types of refrigerator magnets.</li> <li>3. Describe the use of magnets in everyday life, for ex, door bells, TVs, refrigerators, earrings, electricity gadgets, locks, etc.</li> </ol>	<ol style="list-style-type: none"> <li>1. To observe the attraction and repulsion of like and unlike poles in a bar magnet.</li> <li>2. <b>Decorating Fridge Magnet</b></li> </ol>
14	Light, Shadows and Reflection	<p>Students will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe how symmetrical patterns can be changed as the mirrors are moved.</li> <li>2. Describe the concept of reflection of light.</li> </ol>	<ol style="list-style-type: none"> <li>1. To play and form shadows with our hands.</li> <li>2. To make a pin hole camera.</li> </ol>
15	Electricity and Circuits	<p>Students will be able to:</p> <ol style="list-style-type: none"> <li>1. Students will be familiarized with an electric circuit, circuit components and their respective functions and symbols.</li> <li>2. To construct a simple electric circuit in the classroom and to explain how current flows and the bulb glows.</li> </ol>	<ol style="list-style-type: none"> <li>1. To Make a electric circuit.</li> <li>2. Identify different electric symbols and note down their significance.</li> </ol>
16	Water	<p>Students will be able to:</p> <ol style="list-style-type: none"> <li>1. List the sources of water.</li> <li>2. Use water wisely as they study about its scarcity.</li> </ol>	<ol style="list-style-type: none"> <li>1. Make a drip irrigation to water potted plants.</li> <li>2. Group discussion on different ways to use water wisely.</li> </ol>
18	Garbage In, Garbage Out	<ol style="list-style-type: none"> <li>1. Identify and sort biodegradable and non-biodegradable wastes.</li> <li>2. Analyse the procedure involved in composting.</li> </ol>	To Make a compost bin.