

***Love Dale Central School*****Curriculum 2022-23**

Sub: Science

Class : VI

Month	Book	Chapter/Lesson title	Topics	Activity	Learning Outcome
April	Science Voyage	Food and its Sources		1. Show different food products to students and ask them to name the source. 2. To classify animals on their food habits.	Students will be able to: 1.Name & identify different sources of food. 2. Differentiate the animals based on food habits.
April	Science Voyage	Components of food		1.List the common diseases caused by deficiency of vitamins and minerals. 2.To test the presence of starch in a food item.	Students will be able to: 1.Name & identify different components of food. 2. Explain the main source of starch is plants. 3. Develop healthy food habits.
June	Science Voyage	Separation of Substances		1. Students will prepare saturated solution using salt. 2.To separate a mixture of mud and water by filtration	Students will be able to: 1. Perform an expt to prepare saturated solution. 2. Differentiate between pure substance & mixtures.
June	Science Voyage	Fibre to Fabric		1.Prepare a mask using cotton fabric 2.To compare the properties of different cloth materials.	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.
July	Science Voyage	Sorting Materials into Groups		1.Certain objects will be thrown in a bucket of water to observe which among them sink, float. 2. To observe the solubility of solids.	Students will be able to: 1. Differentiate the substance based on property of a substance. 2. Justify why some objects float, sink, expand. 3.Identify the different properties of material.
August	Science Voyage	Changes Around Us		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?	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.

August	Science Voyage	Things Around Us		1. Make a concept map on characteristics of living things and non living things. 2.To differentiate between living and non living things.	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.
September	Science Voyage	Plant-Form and Function		1.Students need to show and explain the different parts of flower using a hibiscus flower. 2.To observe tap root and fibrous root	Students will be able to: 1. Draw,label & identify different parts of a flower. 2. Identify and differentiate the types of roots.
October	Science Voyage	Animal: Form and Movement		1. Observe a structure of skeleton, identify parts and names of joints.  2. Move different joints and observe how they allow movement in different ways.	Students will be able to: 1. Identify different parts of a skeleton. 2. Describe different types of joints in human body.
October	Science Voyage	Measurement and Motion		1.Measure different objects around us.	Students will be able to: 1.Identify different types of motion. 2. Distinguish between different types of motion based on examples.
November	Science Voyage	Fun With Magnets		1.To observe the attraction and repulsion of like and unlike poles in a bar magnet. 2. To observe the magnetic power is strongest at its poles.	Students will be able to: 1.Identify and select the materials which are generally used for making refrigerator magnets. 2. Demonstrate the procedure for making different types of refrigerator magnets. 3. Describe the use of magnets in everyday life, for ex, door bells, TVs, refrigerators, earrings, electricity gadgets, locks, etc.
November	Science Voyage	Light, Shadows and Reflection		1. To play and form shadows with our hands. 2. To make a pin hole camera.	Students will be able to: 1.Describe how symmetrical patterns can be changed as the mirrors are moved. 2. Describe the concept of reflection of light.
December	Science Voyage	Electricity and Circuits		1. To Make a electric circuit. 2. Identify different electric symbols and note down their significance.	Students will be able to: 1. Students will be familiarized with an electric circuit, circuit components and their respective functions and symbols. 2.To construct a simple electric circuit in the classroom and to explain how current flows and the bulb glows.

January	Science Voyage	Water and its importance		1. To draw the diagram of water cycle 2. Make a drip irrigation to water potted plants.	Students will be able to: 1. List the sources of water. 2. Use water wisely as they study about its scarcity.
February	Science Voyage	Garbage In, Garbage Out		1. To classify the given materials into biodegradable and non biodegradable wastes. 2. To Make a compost bin.	1. Identify and sort biodegradable and non-biodegradable wastes.