

## CLASS 5- EVS Yearly Curriculum Year 2021-22

### Theme 1- Physical Features of the World

**Central Idea:** Understanding and monitoring the changing Earth can help us take action to conserve the environment.

**Lines of Inquiry:**

- Landforms of the world
- World's Climatic Zones
- Agricultural practices differ across the world
- How we pollute and our role in environment conservation
- Mapping physical features of the World, Use of Globe

### Theme 2- Plant System

**Central Idea:** Plants propagate and grow in various ways with a definite lifecycle.

**Lines of Inquiry:**

- Plants propagate through various parts
- There are different agents of seed dispersal
- Seeds germinate and plants show a definite lifecycle
- Improved field techniques help increase yield of crops and vegetables

### Project 1- Mass Media and Communication

**Central Idea:** Means of Communication help us to connect with individuals and masses faster and effectively.

**Lines of Inquiry:**

- Means of communication with individuals and masses from past to present
- Communication as a tool to acquire and share knowledge
- Critical evaluation of information and messages presented by media and how people respond to them
- Our responsibility towards media & the virtual world

### **Theme 3- Governance and Systems - I**

**Central Idea:** Government systems organize the functioning of diverse societies.

**Lines of Inquiry:**

- Diversity and Discrimination in our society
- Role and Functions of the Government
- Types of Government in the world
- Rights and Duties of an Indian citizen
- How national symbols give us a sense of identity
- Need for Nations to be united

### **Theme 4- Body Systems – Circulatory and Nervous Systems**

**Central Idea:** Circulatory and Nervous systems are made up of different organs that are interconnected to make them functional.

**Lines of Inquiry:**

- Organs of circulatory and nervous systems
- Role of circulatory and nervous system
- Inter-connectedness of organs within each system, and connections between both circulatory and nervous systems
- Structure and Function of sense organs
- Communicable diseases transmit in various ways

### **Theme 5- Governance and Systems - II**

**Central Idea:** Our government functions at different levels for the effective management of our country.

**Lines of Inquiry:**

- Formation and structure of our Government
- Structure of our Rural and Urban Society
- Role and Functions of the Government at the urban and rural levels
- Our responsibility towards public property

### **Project 2- Light, Shadows and Reflection**

**Central Idea:** Light comes from various sources and its movement causes shadow, reflection, refraction and dispersion.

**Lines of Inquiry:**

- Light comes from various natural and artificial sources
- Obstruction to light depends on the type of material it passes through
- Alignment of heavenly bodies casts shadows
- Light gets reflected in different ways depending on the surface type
- Light can bend depending on the medium
- White light can split into seven colours

## **Theme 6- Air**

**Central Idea:** The atmosphere is composed of many layers significant for sustaining life on Earth.

### **Lines of Inquiry:**

- Presence of different layers of atmosphere is significant for life on Earth
- Troposphere and stratosphere play an important role
- Ozone is required for safe living
- Oxygen and carbon dioxide cycles are two essential cycles to maintain life forms
- Atmosphere is polluted by human activities

## **Theme 7- Matter**

**Central Idea:** Changing properties of matter determine their usage.

### **Lines of Inquiry:**

- Arrangement of particles in different states of matter
- Change of states in matter
- Physical and chemical changes in matter
- Application of matter in real life
- Separation techniques for solutions and mixtures