

## **CLASS 5, EVS Yearly Curriculum Year 2022-23**

### **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