

CLASS 5, EVS Yearly Curriculum Year 2019-2020

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