

CLASS 6, EVS Yearly Curriculum Year 2020-21

Theme 1- Plant Structure and Modifications

Central Idea: All living organisms modify and adapt their structures, as well as share linkages with each other, for their own functioning and survival.

Lines of Inquiry:

- Structural modifications in plants to perform specific functions
- Plants reproduce vegetatively and sexually
- There are different agents of pollination
- Plant cells and animal cells

Theme 2- Physical Features of the World

Central Idea: Geographical and demographical features of continents make them distinct from each other.

Lines of Inquiry:

- Cartography, Maps and its importance
- Major Landforms and water bodies of the Earth
- Location, political divisions and major cities of continents (North America, South America)
- Major Physical features of North America, South America and their importance
- Mapping with respect to North America and South America , Conventional map signs

Project 1- Past Civilizations and Empires

Central Idea: Evidences of past civilizations and empires are linked to societies of the present day.

Lines of Inquiry:

- Processes involved in collecting, analysing and validating evidences from history
- Characteristics and connections between past and present civilizations
- Contributions of empires in the past that has shaped today's society

Theme 3- Nature of Matter

Central Idea: Atoms are the smallest unit of matter that combine to form molecules, elements and compounds.

Lines of Inquiry:

- Study of the Nature of matter
- Understanding how reactants combine to form products through reversible and irreversible reactions
- Characteristics of acids, bases and salts
- Impact of acid rain on the environment

Theme 4- Our Environment

Central Idea: Clean water, air and environment are important in order to lead a healthy life.

Lines of Inquiry:

- Significance of clean water and air
- Human dependence on the environment
- Understanding pollution, ways to prevent it and environment conservation
- Managing waste
- Food relationships in the living world
- Our responsibility towards the environment to maintain balance in the food chain

Theme 5- Force, Energy and Motion

Central Idea: Force, motion, pressure, energy and work lead to applications in real life.

Lines of Inquiry:

- Impact of various forces
- Types of energy and motion
- Sources of energy
- Conservation of energy
- Nature of pressure and work
- Force, motion, work and energy are inter-connected

Project 2- Electricity and Magnetism

Central Idea: Electricity and magnetism are physical phenomena that have wide ranging applications.

Lines of Inquiry:

- Sources of electricity
- How electricity works and is useful
- Properties of magnet and magnetism
- Uses of magnet
- Relation between electricity and magnetism, and how it is put to use by man
- Earth as a magnet

Theme 6- Earth Science

Central Idea: The structure and resources of Earth support life so they need to be conserved.

Lines of Inquiry:

- Theory of the origin of the Earth
- Realms and Layers of Earth
- Causes and results of Weathering
- Life on Earth
- Landforms, rocks, soils, minerals, ores and fuels on Earth
- Occurrence of natural disasters and calamities

Theme 7- India's Struggle for Independence

Central Idea: India achieved its independence from the British Rule, with mass mobilization under the strong leadership of Mahatma Gandhi and many other freedom fighters.

Lines of Inquiry:

- The changes seen from the arrival of the British to the independence
- Role of Mahatma Gandhi and other freedom fighters in independence struggle
- Similarities between the approach of Indian and Global Freedom fighters