



CLASS 6, EVS Yearly Curriculum Year 2022-23

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 it's 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