

CLASS 4, EVS Yearly Curriculum Year 2022-23

Theme 1- Water

Central Idea: Water is an important natural resource that requires conservation.

Lines of Inquiry:

Sources and properties of water
Uses of water
Water cycle is a natural phenomenon
Conservation of water (Rain water harvesting)

Theme 2- Physical Geography of India

Central Idea: Physical features, climate and location of the regions determine their resources

Lines of Inquiry:

Globes and maps help us to study the geography of the world
Climatic conditions of India
Variability in resources across India
Mapping the physical features and resources of India, Use of Atlas

Project 1- Our Heritage

Central Idea: Our country has rich and diverse natural and cultural heritage which is a source of pride

Lines of Inquiry:

Diversity in India's natural heritage
Diversity in India's cultural heritage
India's national heritage
Why we value our role models

Theme 3- Food and Nutrition

Central Idea: Understanding different components of food help us live a healthy life.

Lines of Inquiry:

There are various components of food
Various nutrients are related with different types of food
We acquire deficiency diseases due to lack of certain nutrients
Balanced diet, lifestyle and preservation of food is important

Theme 4- Body System – Digestive and Excretory Systems

Central Idea: Digestive and excretory systems are made up of different organs that are interconnected with each other to make them functional.

Lines of Inquiry:

Digestive and excretory systems comprise of many organs

Types and Structure of Teeth

Inter-connectedness of digestive organs in the process of digestion, and of excretory organs in the process of excretion

Maintaining healthy eating habits and preventing diseases

Theme 5- Rocks, Minerals and Soils

Central Idea: Rocks, minerals and soil are natural materials formed on Earth, which are important for our existence.

Lines of Inquiry:

How rocks, minerals and soil are formed

Types of rocks, minerals, soil and their composition

Why we need rocks, minerals and soil

Project 2– Machines

Central Idea: We need different kinds of simple and complex machines to make our life easier.

Lines of Inquiry:

Machines work on different principles (work, force, motion and friction)

Machines are invented, created and modified for various uses

Impact of machines on human life

How simple machines are used to develop complex machines

Work, force and energy are related

Sources of energy

Theme 6- Our History

Central Idea: Human lifestyles and culture has developed over the course of history, from the ancient to the modern period.

Lines of Inquiry:

How we can find out about our past

Evolution of our history from Ancient to Modern Period

How tools and artefacts lead to human advancement over time

Rise of river valley civilisations in India

Theme 7- Living Kingdom – Plants, Animals and Insects

Central Idea: Plants, animals, and insects are adapted to their surroundings that help in maintaining a balance in the ecosystem.

Lines of Inquiry:

Role of abiotic elements in the process of photosynthesis

Plants and animals live in different habitats

Plant-animals are interdependent

Animals have a definite life cycle

Benefits and adverse effects of insects as part of the human world