

GEOGRAPHY - CLASS 06

Theme 01: Representation of Geographical Features

Maps are the basic tools of Geography. In this theme children will learn to identify the different types of maps based on scale and also learn about representation of scale, the use of symbols and directions on a map through various methods. The theme would also enable children to understand the significance of diagrammatic representation of geographical features.

Learning outcomes:

Children will be able to:

01. Identify the difference between a map, sketch, plan and globe;
02. Interpret maps on the basis of scale i.e. large scale, small scale;
03. List the elements of a map;
04. Identify directions and the eight cardinal points;
05. Know uses of scales and symbols for measurement on a map;
06. Represent geographical features through diagrams.

Theme 02: Landforms

Landforms are natural features of the earth surface. In this theme children will be introduced to and develop an understanding about the forces responsible for the formation of mountains and valleys, plateaus and plains on the earth. Description and spatial distribution of landforms will enable children to locate the same on the world map. Activities such as map based quizzes or group work in the classroom will enhance cooperative learning.

Learning outcomes:

Children will be able to:

01. Identify different types of landforms in their immediate surroundings and on visuals;
02. Locate important mountain ranges on the world map;
03. Differentiate between processes of formation of Fold mountains and Block mountains;
04. Discuss the process of formation of Volcanic mountains and locate important mountains on the world map;
05. Appreciate the importance of mountains in our life;

06. Compare and describe the formation and characteristics of Valleys and Plateaus;
07. Discuss the effects of geography on the history of our country;
08. Understand how landforms affect the lives of people.

Theme 03: Water Bodies

About three fourths of the earth's surface is covered by water. The purpose of this theme is to introduce and make children aware about the various types of water bodies such as seas, rivers, lakes and their spatial distribution in the world. Activities related to location of water bodies on the world map will enhance mapping skills among children.

Discussion related to water pollution will enable children to appreciate and understand the linkages between local and global issues.

Learning outcomes:

Children will be able to:

01. Locate oceans, important seas, rivers and lakes, on the world map and in the atlas;
02. Describe importance of seas, rivers, lakes for development of any area;
03. Understand different water bodies and how they relate to river valley civilizations and sea voyages in history;
04. Discuss problems related to water pollution.

Theme 04: Agriculture

Agriculture is one of the major economic activities in the world. The aim of this theme is to make children aware and understand about various farming practices in the world and relate them to the development of the region. They will also be able to identify various crops, the geographical factors responsible for their growth and distribution of major crops in the world.

Learning outcomes:

Children will be able to:

01. Recognise different types of agricultural practices in the world;
02. Locate major crop regions of the world.
03. Differentiate between food and cash crops;
04. Compare modern methods of farming with the traditional ones;
05. Relate agricultural development to the economy of a country;
06. Discuss agriculture in light of their own country – a land of farmers;
07. Discuss how the green revolution has helped in agricultural development.

Theme 05: Minerals

The theme aims at providing children the knowledge and developing their understanding about minerals and ores and their distribution in the world. The theme will also create awareness in children about the need to conserve minerals.

Learning outcomes:

Children will be able to:

01. Differentiate between metallic and non-metallic minerals;
02. Describe the importance of minerals in daily life;
03. Locate important minerals on the world map.
04. Discuss the different types of mining;
05. Appreciate the need to conserve mineral resources.

Theme 06: Study of Continents: North America and South America

This theme is an introduction to the study of the Continents of the world which begins with the study of North America and South America. Children will be provided a broad overview of the two continents. They will also get an opportunity to do a case study from each continent.

Learning outcomes:

Children will be able to:

01. Locate North America and South America on the world map and in the Atlas;
02. Identify and mark the different countries in North America and South America on their respective maps;
03. Locate and identify the physical features of North America and South America on the map;
04. Compare the life in lumbering (Canada) with the life in the Amazon basin;
05. Understand how the geography of a place affects the life of people (through case studies).

Curriculum based year plan

Date	Lessons	Lesson name
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June 2022	Lesson 1	Representation of geographical features
July 2022	Lesson 2	Landforms
August 2022	Revision, Exam	
September 2022	Lesson 3	Waterbodies
October 2022	Lesson 4	Agriculture
November 2022	Lesson 5	Minerals
December 2022	Revision, Exam	
January 2023	Lesson 6	Study of continents- North America
February 2023	Lesson 6 II	South America
March 2023	Revision, Exam	

CURRICULUM BASED MARK DIVISION FOR GEOGRAPHY GRADE

- 6

Exam	Marks	Lessons	LESSON NAME	
First mid term	25	Lesson 1	Representation of geographical features	25
First term	40	Lessons 1, 2	Lesson1 + Landforms	40
Second midterm	25	Lessons 3,4	. Water Bodies . Agriculture	13 12

Second term	80	Lessons 3,4,5	Lessons 3,4 + . Minerals	25 25 30
Third term	80	Lesson6 -I Lesson6- II Lesson 2 Lesson 3	. North America . South America . Landforms . Water Bodies	15 15 25 25

GEOGRAPHY - CLASS 07

Theme 01: Representation of Geographical Features

This theme aims at developing in children the ability to interpret topographical sheets by identifying directions, colours and conventional symbols. They will also be able to measure distances using a scale.

Learning outcomes:

Children will be able to:

01. Identify purpose of using different colours scheme on the map;
02. Use different signs and symbols on the map;
03. Identify features on a topographical sheet on the basis of colours;
04. Use scales for measurement of distance;
05. Identify conventional signs and symbols used on a topographical sheet

Chapter 01: Representation of Geographical Features

Theme 02: Atmosphere

This theme aims at enabling children to understand the importance and composition of gases found in the atmosphere. Children will also be made aware and sensitised towards global warming and its impact on humans.

Learning outcomes:

Children will be able to:

01. Describe the importance of gases that comprise the atmosphere;
02. Describe the composition of different gases in the atmosphere;
03. Highlight importance of layers of atmosphere to sustain life on the earth;
04. Draw diagram to show the structure of atmosphere;
05. Discuss causes for global warming and ways to reduce it;
06. Understand the impact of global warming on life on earth;
07. Analyse the reasons for the depletion of the ozone layer and suggest ways to reduce it.

Chapter 02: Atmosphere

Theme 03: Weather and Climate

This theme will enable children to understand the elements that affect the weather of a place and also differentiate between weather and climate. They will know about instruments used for measurement of rain, temperature, atmospheric pressure, etc.

Learning outcomes:

Children will be able to:

01. List the elements that affect the weather of a place;
02. Distinguish between weather and climate;
03. Identify different instruments used to measure elements of weather;
04. Describe isohyets and isotherms through diagrams

Chapter 03: Weather and Climate

Theme 04: Weathering and Soil Formation

This theme aims to introduce children to weathering and its types and how it contributes to soil formation. Children will also understand the importance of soil profile and the need to conserve soil.

Learning outcomes:

Children will be able to:

01. List the different types of rocks;
02. Discuss the different types of weathering;
03. Analyse the factors that affect weathering;
04. Relate weathering to soil formation;
05. Discuss the importance of soil conservation and describe ways to conserve it.

Chapter 04: Weathering and Soil Formation

Theme 05: Industries

This theme aims to develop children's understanding of how geographical and other factors are responsible for the location of industries. Children will also develop the ability to classify industries on the basis of inputs such as capital, labour and raw materials used. They will also be made aware and sensitised towards pollution caused by industries and measures that need to be taken to prevent the same.

Learning outcomes:

Children will be able to:

01. Differentiate large scale, small scale and cottage industries;
02. Discuss our dependence on industries for fulfilment of our daily needs;
03. Identify agro based industries and their raw materials;
04. Discuss factors responsible for localisation of industries.
05. Name some important industrial centres of the world;
06. Discuss how industries contribute towards environmental pollution and suggest ways to prevent the same.

Chapter 05: Industries

Theme 06: Energy and Power Resources

Energy and power resources play an important role in the development of any area. This theme will enable children to understand the difference between renewable and non-renewable energy resources. Children will also be made aware and sensitised towards the conservation of energy resources in their daily life.

Learning outcomes:

Children will be able to:

01. Describe sources of energy;
02. Classify renewable and non – renewable energy resources;
03. Describe characteristics of solar power, hydro power and wind power;
04. Critically analyse distribution of energy resources among various sections of society;
05. Reflect on the judicious use and conservation of energy resources.

Chapter 06: Energy and Power Resources

Theme 07: Study of Continents: Europe, Africa, Australia and Antarctica

In the previous class, as a part of the Study of Continents, children were given an overview of North and South America. In this class the theme will take the study of different Continents further as children will be introduced to the Continents of: Europe, Africa, Australia and Antarctica. As in the previous class, children will also get an opportunity to undertake case studies.

Learning outcomes:

Children will be able to:

01. Locate Europe, Africa, Australia and Antarctica on the world map;
02. Identify the countries in Europe, Africa and Australia;
03. Locate the major physical features of these continents on the map;
04. Analyse why Antarctica is a human free zone.
05. Understand how the geography of a place affects the life of people through case studies.

Chapter 07: Europe: Location and Physical Features

Chapter 09: Africa: Location and Physical Features

Chapter 11: Australia: Location, Physical Features and Climate

Chapter 13: Antarctica: The Uninhabited Continent

Curriculum based Year Plan

Dates	Lessons	Lesson Name
June 2022	Chapter 01	Representation of Geographical Features

August 2022	Chapter 02	Atmosphere
September 2022	Chapter 03	Weather and Climate
October 2022	Chapter 04	Weathering and Soil Formation
November 2022	Chapter 05 Chapter 06	Industries Energy and Power Resources
December 2022	Chapter 07	Europe: Location and Physical Features
January 2023	Chapter 09	Africa: Location and Physical Features
February 2023	Chapter 11	Australia: Location, Physical Features and Climate
March 2023	Chapter 13	Antarctica: The Uninhabited Continent

CURRICULUM BASED MARK DIVISION

Exam	Marks	Lesson(s)	Chapter Name	Mark Division
First Mid Term	25	Chapter 1 Chapter 2		18 22
Second Mid Term	25	Chapter 3	Weather and Climate	25
Second Terminal	80	Chapter 3 Chapter 4 Chapter 5 Chapter 6 Chapter 7	Weather and Climate Weathering and Soil Formation Industries Energy and Power Resources Europe: Location and Physical Features	10 20 20 20 10

Final	80	Chapter 2	Atmosphere	10
		Chapter 5	Industries	10
		Chapter 9	Africa: Location and Physical Features	20
		Chapter 11	Australia: Location, Physical Features and Climate	20
		Chapter 13	Antarctica: The Uninhabited Continent	10

GEOGRAPHY - CLASS 08

Theme 01: Representation of Geographical Features

Topographical sheets or toposheets are large scale maps. On the maps various features (natural or human made) are represented by conventional symbols and colours, which have already been discussed in previous classes. In this class children will be introduced to contours and enabled to interpret toposheets on the basis of contours and features represented through symbols and colours. Children will also develop the ability to represent landforms such as valleys, hills, plateaus, etc. through contours on plain sheets.

Learning outcomes:

Children will be able to:

01. Read contours on toposheets;
02. Distinguish between steep and gentle slopes through contours;
03. Identify landforms through contours on the toposheet;
04. Differentiate patterns of settlements on the toposheet;
05. Draw contours and related landforms on plain paper;
06. Interpret and analyze the toposheets.

Theme 02: Population Dynamics

The theme aims at enabling children to understand the causes of population growth in different parts of the world. They will also be able to comprehend terms such as birth rate, death rate, population density, migration, etc. A case study approach will help in

developing children's understanding about the impact of high growth rate of population on socio-economic development of the region.

Learning outcomes:

Children will be able to:

01. Describe the factors affecting the population of a place;
02. Identify over and under populated countries in the world;
03. Analyze the impact of over and under population on society;
04. Interpret a population pyramid showing composition of the population on the basis of age and sex.

Theme 03: Migration

Human movement from one place to another for different purposes is the focus of this theme. Children will be made aware of the types of migration and its impact on the socio-economic development of the area.

Movement of highly skilled and qualified persons to different parts of the world for better opportunities has been a cause of concern for India. This theme will enable children to understand and investigate the issues related to brain-drain in India and its impact on society.

Learning outcomes:

Children will be able to:

01. Differentiate the terms - immigration and emigration;
02. Explain reasons for migration from and to any area;
03. Analyze impact of migration on any area;
04. Identify regions of the world where huge migration took place during the historical period.
05. Explain the meaning of brain-drain;
06. Identify causes of brain drain in India;
07. Analyze the positive and negative impact of brain- drain in India.

Theme 04: Urbanization

The aim of the theme is to enable children to understand the concept of urbanisation, its causes and effects. They will also be able to relate the knowledge gained in the previous

theme to understand how rapid increase in urbanisation in the world is one of the major causes of migration.

Learning outcomes:

Children will be able to:

01. Describe the term urbanization;
02. Identify causes of urbanization;
03. Describe impacts of urbanization;
04. Differentiate a smart city from any other urban center;
05. Explain strategies/ steps taken at the local level to keep the urban areas clean.
06. Discuss ways to reduce the negative impact of urbanization.

Theme 05: Natural and Man-made Disasters

The aim in this theme is to enable children to build on knowledge gained in previous classes. Children will get an opportunity to study selected disasters in greater detail through case studies and will also learn about disaster management and the role of the Government in disaster management.

Learning outcomes:

Children will be able to:

01. Differentiate between natural and manmade disasters;
02. Discuss the importance of disaster management;
03. Demonstrate (through drills) measures to be taken in case of an earthquake, flood, fire;
04. Describe the causes, effects and impact of floods, earthquakes and oil spills on life and environment.
05. List measures to be taken to prevent disasters.

Theme 06: Asia: The Largest Continent

In the previous class, as a part of the Study of Continents, children have already been given an overview of North America, South America, Europe, Africa, Australia and Antarctica. In this class children will be introduced to the largest continent – Asia. Asia is the largest and the most populous continent in the world. The purpose of introducing this theme is to enable children to understand the physical features and the natural environment of Asia.

Learning outcomes:

Children will be able to:

01. Identify countries of Asia on the globe and on the world map;
02. Locate physical features e.g. important mountains, plateaus, deserts, rivers, lakes, islands on the map of Asia;
03. Describe the impact of latitudinal extent and distinct relief features on the climate of Asia;
04. Analyze interrelationship between climate and natural vegetation found in the different regions of Asia.

Theme 07: India: Geographical Features

The theme aims to build on children's previous knowledge of Class VI and focus and develop a more in-depth understanding of one country in Asia i.e. India.

Learning outcomes:

Children will be able to:

01. Interpret location and extent of India with reference to other countries of Asia;
02. Locate important mountains, plateaus, deserts, islands, rivers on the map of India;
03. Compare the relief, climate and vegetation of India with other parts of Asia;
04. Discuss the importance of monsoon and its impact on the socio-cultural unity of India.

Theme 08: India: Human Resources

This theme aims at introducing and making children aware of the concept of people as resources for the socio-economic development of the country. Children will be made aware that a healthy, educated and skilled human being is an asset for the country. Children will also be enabled to investigate areas of the World/India where natural resources are not being used properly without skilled humans.

Learning outcomes:

Children will be able to:

01. Discuss the meaning of human resource;
02. Describe the role of health and education in developing human resources;
03. Understand the meaning of skilled and unskilled human resource;

04. Identify areas in India lagging behind in development due to unavailability of unskilled human resource;
05. Analyse factors responsible for development of any area.

Curriculum based year plan

Date	Lessons	Lesson name
June 2022	Lesson 1	Representation of geographical features
July 2022	Lesson 2	Population Dynamics
August 2022	Lesson 3	Migration
September 2022	Lesson 4	Urbanisation
October 2022	Lesson 5	Natural and man- made disasters
November 2022	Lesson 6,7	Asia- The largest continent. Asia -Climate and natural vegetation.
December 2022	Lesson 8	India- Geographical features
January 2023	Lesson 9	India - Climate
February 2023	Lesson 10	India- Natural Vegetation and wildlife
March 2023	Lesson 11	India-Human Resources

CURRICULUM BASED MARK DIVISION GRADE - 8 GEOGRAPHY

Exam	Marks	Lesson	Lesson name	Mark division
First mid term	25	Lesson 1,2	Representation of geographical features. Population dynamics	13 12
First term	40	Lessons 1,2 ,3	Lessons 1,2+ Migration	12 12 16
Second mid term	25	Lessons 4,5	Urbanisation Natural and man-made disasters	13 12
Second term	80	Lessons 4,5,6,7,8	Lessons 4,5 + Asia -The largest continent. Asia - Climate and natural vegetation. India - Geographical features.	10 10 20 20 20
Third term	80	Lessons 9,10,11+ 1, 5	India - Climate. India - Natural vegetation and wildlife. India - Human resources	20 20 20 + 10,10.