

LESSON PLAN

Class : **X**

Name of the Teacher : **SUNKARI RAMBABU**

Subject : **SOCIAL STUDIES**

School : **ZPHS, Garudabilli**

Name of the Lesson/ Unit	Topic	No. of Periods Required	Time line for teaching		Any specific Information
			From	To	
India – Relief Features	<ul style="list-style-type: none"> • Location of India 	1	06/07/2022	06/07/2022	India located in the northern and the eastern hemisphere.
	<ul style="list-style-type: none"> • Indian Standard Time • Greenwich Mean Time 	1	07/07/2022	07/07/2022	India follows the time at 82 ½ degrees East longitude as Indian Standard Time.
	<ul style="list-style-type: none"> • Geological background of India 	1	08/07/2022	08/07/2022	India formed from Gondwana land.
	Major Relief divisions – <ul style="list-style-type: none"> • The Himalayas • The Indo- Gangetic Plains • The Peninsular Plateau • The Coastal Plains • The Desert • The Islands 	5	11/07/2022	15/07/2022	The Himalayas extend in three parallel ranges namely Himadri, Himachal and Shivaliks. Andaman Nicobar Islands and Lakshadweep are the two island groups in India.

Prior Concepts / Skills:

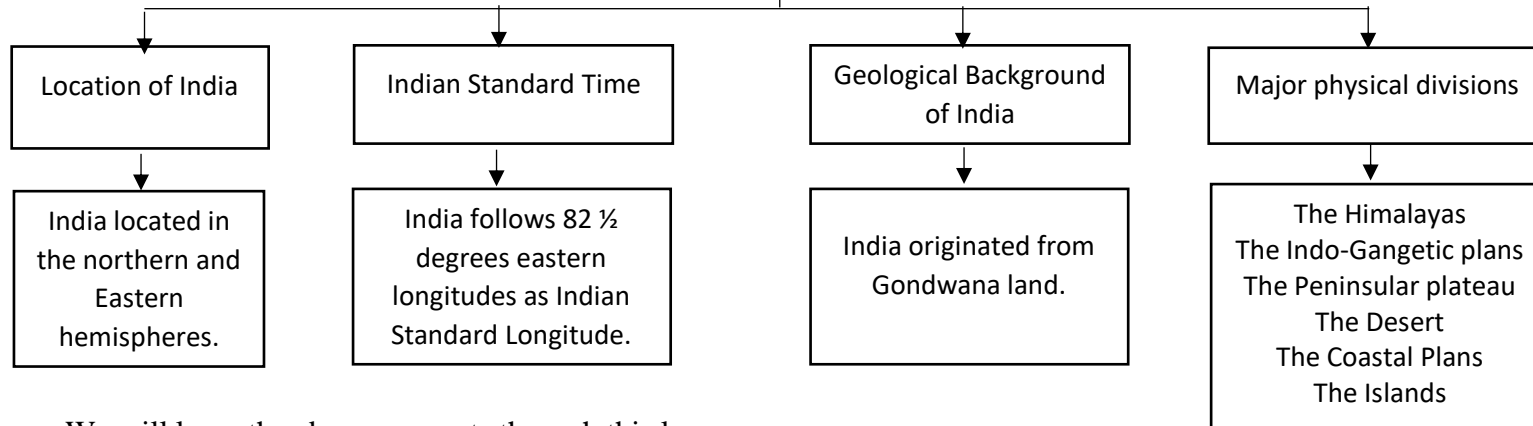
- Latitudes,
- longitudes,
- hemispheres,
- Angara land,
- Gondwana land,
- Mountains,
- Plateaus,
- Plains etc.

Learning Outcomes	No. of Periods
▪ Explain and understand the location of India.	8
▪ Differentiate between IST and GMT.	
▪ Understand the geological background of India.	
▪ Appreciate the role of the Himalayas and the Indo-Gangetic plain in Indian agriculture.	
▪ Locate major physical divisions of India in India outline map.	
▪ Differentiate between Eastern and western coastal plains.	

TEACHING LEARNING PROCESS

Induction / Introduction:

India: Relief Feature



- We will learn the above concepts through this lesson.

Experience and Reflection:

- What are the imaginary lines drawn on the Earth?
- What is meant by grid system?
- What is the use of grid system?
- Which imaginary lines helps to determine time of a place?
- What is meant by Gondwana land?
- What are the various landforms?

I write the students' reflections on the White board in a Mind Map.

- Where India is located on the Earth? (To know the answer to this question we do a small activity based on the world map)

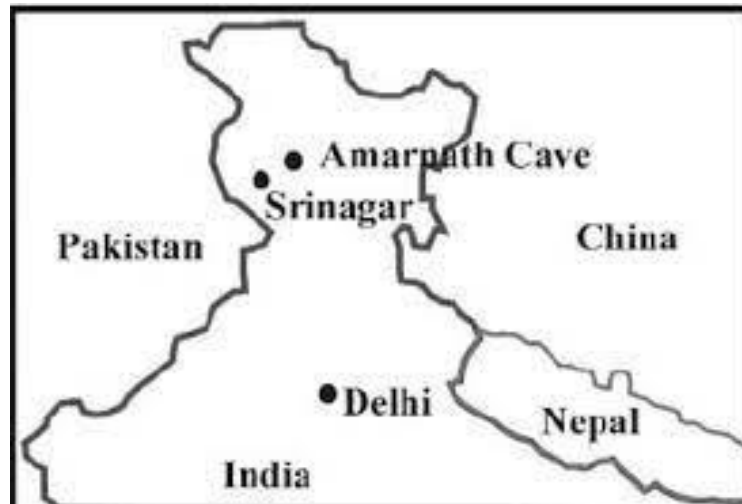
Explicit Teaching / Teacher Modelling (I Do)	Group Work (We Do)	Independent Work (You Do)	Check for Understanding Questions	TLM (Digital + Print)
<ul style="list-style-type: none"> • Dear children, take a world map and draw equator and Greenwich longitude on it. • Now observe the world map and write India lies in which hemisphere according to latitudes and which hemisphere according to longitudes. • Explain in detail about location of India and Andhra Pradesh. • Organise map reading activity based “Map-1: location of India in the world” 	<ul style="list-style-type: none"> • Observe the world map and discuss about the location of India as a group activity. 	<ul style="list-style-type: none"> • Students take a world map draw equator and Greenwich longitude on it. • Students write hemispheres on the world map where India located. • Note down notes about location of India. • Point out east and west most longitudes; north and south most latitudes in India out line map. • Students prepare questions on “Map-1” and answer them. 	<ul style="list-style-type: none"> • India lies in which hemisphere according to latitudes? • Which is the south most latitude of India? • Which is the west most longitudes of India? • Imagine that India is located in the Arctic Circle. How your life would be different? • Why do we often use the term “Indian peninsula”? • What is the importance of Indira point? • Point out the south most latitude of India in India map. • Point prime latitude which passes through the centre of India. 	<p>Textbook - APSCERT</p> <p>Globe</p> <p>World Map</p> <p>India Map</p> <p>PPT which shows location of India</p>

Explicit Teaching / Teacher Modelling (I Do)	Group Work (We Do)	Independent Work (You Do)	Check for Understanding Questions	TLM (Digital + Print)
<ul style="list-style-type: none"> Explain about Indian Standard Time and Greenwich Mean Time. Give practice on how to calculate time-based longitudes. Organise map reading activity based “Map-2: north-south, east-west and standard meridians” 	<p>Observe the India map and discuss about the Indian standard time as a group activity.</p>	<ul style="list-style-type: none"> Locate Indian Standard Longitude, Prime longitude in India outline map. Prepare questions on “Map-2” and answer them in notes. 	<ul style="list-style-type: none"> Expand IST. Expand GMT? What is difference between IST and GMT? What is the time difference between IST and GMT? Which is Indian standard meridian? When it is 10 AM in London what is the local time at Delhi? 	<p>Textbook - APSCERT</p> <p>Globe World Map India Map</p>
<ul style="list-style-type: none"> Explain about the geological background of India. Visualise the geological background of India by displaying a video. 		<ul style="list-style-type: none"> Note down notes about the geological background of India. 	<ul style="list-style-type: none"> What is meant by Angara land? What is meant by Gondwana land? India originated from which land? 	<p>Video related to continental drift theory.</p> <p>Globe World Map India Map</p>

Explicit Teaching / Teacher Modelling (I Do)	Group Work (We Do)	Independent Work (You Do)	Check for Understanding Questions	TLM (Digital + Print)
<ul style="list-style-type: none"> • Explain about ‘Major Relief divisions’ – <ul style="list-style-type: none"> ➤ The Himalayas (Organise discussion on Amaranth floods) ➤ The Indo-Gangetic plain (Organise discussion on cropping in the Indo-Gangetic plains) ➤ The Peninsular plateau Explain with the help of India relief map and videos. ➤ The coastal plains Ask to prepare a table with states and its coastlines. ➤ The Desert ➤ The Islands • Organise map reading activity based “Map-3: Peninsular plateau, ghats and hills” 	<ul style="list-style-type: none"> • Prepare relief map of India with clay. • Participated in discussion on Amaranth floods) • Participated discussion on cropping in the Indo-Gangetic plains region. 	<ul style="list-style-type: none"> • Locate various relief divisions in India outline map and colour them. • Note down the notes related to various physical divisions of India. • Students prepare a table with the information related to the major relief divisions of India. • Prepare a table with states and its coastal lines. 	<ul style="list-style-type: none"> • What are the major physical division of India? • In what ways the Himalayas helps to India? • How Indo-Gangetic plains helps to Indian agriculture? • What are the Island groups in India? • What are the differences between the east and the western ghats? • Point out major relief divisions in the India map? 	<p>Globe</p> <p>World Map</p> <p>India Map</p> <p>Physical features of India - Video</p>

Afresh Information/ Current events related to this topic

Himalayas:



Indo-Gangetic Plains

- **Uttar Pradesh** leads the front compared to other states of India with more than 34% share of total wheat production.
- The traditional wheat-growing states **Punjab and Haryana** have highest productivity.



Assessment:

1. What are major relief division of India?
2. How the Himalayas helps to Indian agriculture?
3. What are the similarities and difference between eastern and western ghats?
4. Write the geological background of India?
5. “Indo-Gangetic plains have high density of population.” Give reasons.
6. Prepare a table with major relief divisions in India and their importance.

Signature of the Teacher

Signature of the Headmaster

Visiting officer with remarks