

LESSON PLAN

Class : **VI**

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	
Globe- Model of the Earth	<ul style="list-style-type: none"> • Introduction • Axis of the Earth 	2	16/08/2022	17/08/2022	The imaginary line which joins the north and south poles and passes through interior of the Earth is called Axis.
	<ul style="list-style-type: none"> • Northern and Southern Hemispheres 	2	18/08/2022	20/08/2022	The area between equator and the north pole is called northern hemisphere. The area between equator and south pole is called southern hemisphere.
	<ul style="list-style-type: none"> • Latitudes - Longitudes 	3	22/08/2022	24/08/2022	Horizontal imaginary lines- latitudes, vertical imaginary lines- longitudes.
	<ul style="list-style-type: none"> • Movements of the Earth • Equinox - Solstice 	3	25/08/2022	27/08/2022	Two movements of the Earth – Rotation and Revolution
	<ul style="list-style-type: none"> • Eclipses – Solar and Lunar 	2	29/08/2022	30/08/2022	While the Sun, the Earth and the Moon come in straight-line eclipses are occurred.

Prior Concepts / Skills: Know about the Sun, the Moon, the Earth, world map, globe, celestial bodies and planets etc.

Learning Outcomes

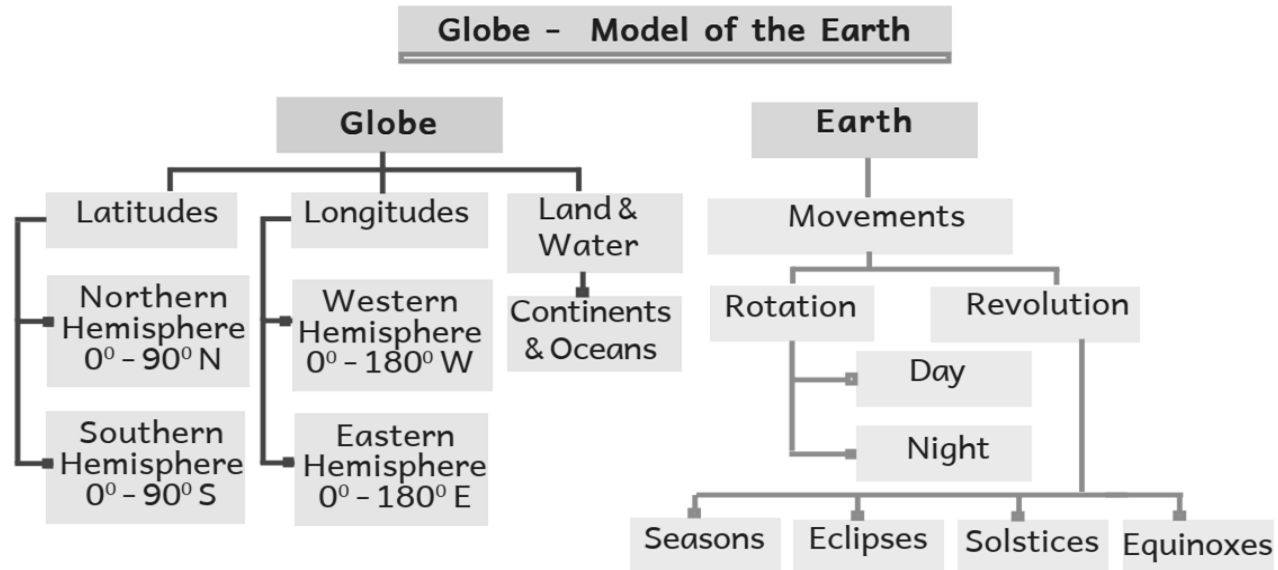
No. of Periods

- Understand the Globe as a true model of the Earth.
- Locate the continents which are in the Northern hemisphere and which are in the southern hemisphere.
- Differentiate between latitudes and longitudes.
- Recognise that the Earth has two movement and their results.
- Know the difference between Earth rotation Earth revolution.
- Differentiate between solar and lunar eclipses.

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TEACHING LEARNING PROCESS

Induction / Introduction:



We will learn about the above concepts through this lesson.

Experience and Reflection:

Dear children observe the pictures which are display on the screen.

- How many planets are there in our solar system?
- Name the planets.
- Which is our living planet?
- Have you ever seen the world map?
- How many continents are there in the world?
- How many oceans are there in the world?
- Name the ocean located on the right side in the given world map?
- Name the ocean located on the left side in the given 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"> Organise an activity based on the world map. Explain about Axis of the Earth. Organise an activity with an apple or lemon on the Axis of the Earth as a group activity. 	<ul style="list-style-type: none"> Participated in an activity with an apple or lemon on the Axis of the Earth as a group activity. 	<ul style="list-style-type: none"> Participated in the activity on world map. 	<ul style="list-style-type: none"> What is meant by an Axis of the Earth? Axis joins which points of the Earth? 	Textbook - APSCERT Apple Needle World map Globe
<ul style="list-style-type: none"> Explain about Northern and southern hemispheres. Ask to fill up the table under the side heading “Northern and Southern Hemisphere” in this lesson. 		<ul style="list-style-type: none"> Fill up the table under the side heading “Northern and Southern Hemisphere” in this lesson. 	<ul style="list-style-type: none"> What is meant by the Northern hemisphere? Which continents lies in the southern hemisphere? In which hemisphere is India located? Which hemisphere has the maximum number of continents? In which hemisphere is the continent Antarctica located? 	Textbook - APSCERT World map Globe

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 latitudes and prime latitudes. • Ask to draw a chart with prime latitudes as a group work. • Ask to fill up the table under side heading “latitudes” based on observation of Globe. • Explain about longitudes, Greenwich meridian and international date line. • Ask to prepare a globe with latitudes and longitudes. 	<ul style="list-style-type: none"> • Prepare a chart with prime latitudes as a group work. • Participated in preparation of Globe as a class room work. 	<ul style="list-style-type: none"> • Fill the table under side heading “latitudes” based on observation of Globe. 	<ul style="list-style-type: none"> • What do you know about latitudes? • Which latitude is called as tropic of cancer? • Which latitude is called as Antarctic circle? • What do you know about longitudes? • Which longitude is called as international date line? 	<p>Textbook - APSCERT</p> <p>World map Globe</p>
<ul style="list-style-type: none"> • Explain about Movements of the Earth. • Display a video related movement of the Earth. • Demonstrate occurrence of day and night. 	<ul style="list-style-type: none"> • Participated in demonstration of occurrence of day and night. 	<ul style="list-style-type: none"> • Note down about movements of the Earth and their results. 	<ul style="list-style-type: none"> • What are the differences between Earth rotation and Earth revolution? • What will happen if the Earth rotation stop? 	<p>Textbook - APSCERT</p> <p>World map Globe</p> <p>Torch light DIKSHA video</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 Eclipses, Solstice, Equinox. Demonstrate Solar and Lunar eclipses. 	<ul style="list-style-type: none"> Participated in demonstration of Solar and Lunar eclipses. 	<ul style="list-style-type: none"> Note down about Solar and Lunar eclipses. 	<ul style="list-style-type: none"> When do Solar eclipse occurs? What is meant by equinox? 	Textbook - APSCERT World map Globe Torch light DIKSHA video

Student practice Questions & Activities:

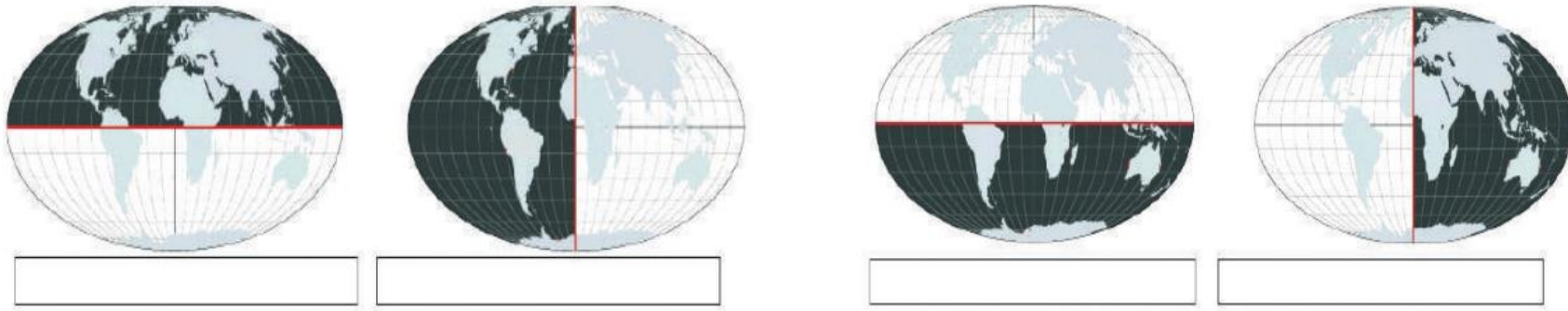
- Find and fill the latitudes and longitudes in the given table with the help of Atlas and Globe.

S.No.	PLACE	LATITUDE	LONGITUDE
1	Vijayawada		
2	Kadapa		
3	Tirupati		
4	Visakhapatnam		
5	Your Village		

- Find and fill the latitudes and longitudes extent of India and Andhra Pradesh in the given table with help of Google map or Atlas.

PLACE	LATITUDE		LONGITUDE	
	From	To	From	To
India				
Andhra Pradesh				
Your district				
Your Mandal				

3. Observe the following pictures and fill the boxes with the name of the shaded hemispheres.



4. Do the 17th question in Improve your learning of this lesson.

Assessment:

1. What is Globe?
2. What are the movements of the Earth?
3. Which movement of the Earth causes day and night?
4. What happens when the Earth rotates?
5. Define the Earth rotation and revolution?
6. What is the true shape of the Earth?
7. Which latitude is known as tropic of Capricorn?
8. What are the differences between latitudes and longitudes?
9. What is difference between equator and prime meridian?

Afresh Information/ Current events related to this topic

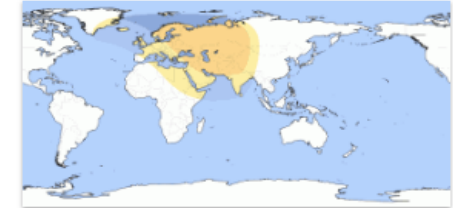


25 Oct 2022

25 October 2022 Partial Solar Eclipse

Visible in Europe, South/West Asia, North/East Africa, Atlantic.

[Path Map](#) | [3D Path Globe](#) | [Eclipse Information](#) >

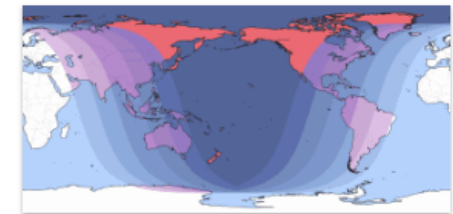


7–8 Nov 2022

7–8 November 2022 Total Lunar Eclipse

Visible in North/East Europe, Asia, Australia, North America, Much of South America, Pacific, Atlantic, Indian Ocean, Arctic, Antarctica.

[Path Map](#) | [3D Path Globe](#) | [Eclipse Information](#) >

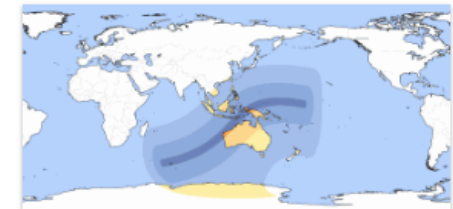


20 Apr 2023

20 April 2023 Total Solar Eclipse

Visible in South/East Asia, Australia, Pacific, Indian Ocean, Antarctica.

[Path Map](#) | [3D Path Globe](#) | [Eclipse Information](#) >



Signature of the Teacher

Signature of the Headmaster

Visiting officer with remarks