

LESSON PLAN (CONSOLIDATED)

SUBJECT: SOCIAL SCIENCE

GRADE: VII

Chapter Number and Title of Chapter	CHAPTER- 4 AIR
No. of Periods	2 PERIODS (approx. 40 min each)
Learning Objectives	Students will be able to – • Understand about the meaning of Atmosphere. • Explain the Composition of Atmosphere. • Identify different layers of Atmosphere. • Critically think about difference between Weather and Climate.. • Explore meaning of Air Pressure, Moisture, Humidity. • Remember why air is essential for all living beings.
Teaching Aids/ Resources	Social Science Text Book for class VII (THE EARTH : OUR ENVIRONMENT) NCERT Explanation video PPT Mind Map related to the chapter.
Previous Knowledge/ Curiosity Questions	Ques 1:- What are the essential things which we need for our living? Ques 2 :- Which gas is needed by the plants to make food? Ques 3:- Which layer protect us from harmful rays ? Ques 4:- What are four major Domains of the Earth?
Announcement of topic	So students today our chapter is Air.
Teaching Methodology/ Strategy	Transaction would proceed in the following manner- ACTIVE LEARNING TOPIC:- COMPOSITION OF AIR Students will be asked to make different groups and find out the gases which are present in atmosphere. DIFFERENTIATION TOPIC:- STRUCTURE OF ATMOSPHERE Students will ask to find out different layers of Air and how one layer is different from another. GROUP LEARNING TOPIC:- WEATHER, CLIMATE, TEMPERATURE,WIND The students will be divided into different groups and they will find out the meanings of these definitions. <i>Guided practice followed by Independent Practice-</i>

	NCERT questions to be discussed in the classroom.
Content Obligatory Vocabulary (Keywords)	1. ATMOSPHERE 2. TROPOSPHERE 3. STRATOSPHERE 4. WEATHER 5. CLIMATE 6. TEMPERATURE 7. HUMIDITY 8. MOISTURE 9. WIND 10 PERMANENT WIND 11 TEMPORARY WIND 12 LOCAL WIND 13 AIR PRESSURE
Learning Concepts/ Teaching Points	In this chapter we will study about:- 1 Meaning of Atmosphere and its Composition. 2 The Structure of Air 3 Difference between Weather and Climate. 4 Meaning of Wind and what are three types of Wind.
Hard Spots/ Focus Spots	The teacher will focus on Types of Rainfall. 1) Convectional Rainfall 2) Orographic Rainfall 3) Cyclonic Rainfall
Experiential Content	Activities will be done . 1) Students were ask to make a Weather calendar for one week using pictures and symbols to show different types of Weather.

Subject Enrichment Activities for Internal Assessment	1) Draw a well labelled diagram of Structure of Atmosphere and write their characteristics also. 2) Students will be asked to Debate and Discuss on Topic “ Pollution the major cause of Global Warming” .
Recapitulation :	Q1) _____ layer protect us from harmful rays. Q2) Life is possible on _____ layer. Q3) Ions are present in _____ layer. Q4) Loo is an example of _____. Q5) _____ gas is plentiful in atmosphere. Q6) _____ and _____ are two types of Permanent Wind. Q7) _____ is used to measure Air Pressure. Q8) _____ and _____ are degrees to measure temperature.
Assignment:	Students will be given questions in their homework related to the concept Q1) Define the term Atmosphere. Q2) Name different layers of Atmosphere and Explain them also . Q3) What is difference between Weather and Climate? Q4) What are three types of Wind? Homework notebooks to be marked as per specific parameters (like Time Submission, Accuracy, Presentation, Neatness)