

SUBJECT – GEOGRAPHY

TOPIC-L-4 AGRICULTURE

CONTENT	GENERAL OUTCOMES	SPECIFIC OUTCOMES
Pre content Introduction of Primary Activities. Special Emphasis on Agriculture	The students will be able to-	The students will be able to-
	develop appreciation for the importance of agriculture in India	recognize the key concepts associated with agriculture
Content Types of farming	identify the farming techniques involved in different types of farming	classify the various types of farming through a classification chart
Conditions of growth – Major Crops	design a classification chart of major food and cash crops	creatively present a classification chart highlighting the conditions of growth
Location of Major Crops Map Work	recognise the major agricultural areas on the political map of the world	locate the crops on the political map of the world
Case study – farming in India and farming in USA	analyze the farming strategies of India and USA	compare the agricultural developments in India and USA
Post content Worksheets	apply the knowledge and complete the worksheets	write the answers in the given worksheets

HOMEWORK /ASSIGNMENT

1. Read the chapter
2. Complete the crossword given in the lesson.
3. Solve the back exercises of the lesson

TEACHER'S ACTIVITY	STUDENT'S ACTIVITY	TEACHER'S OBSERVATION AND REMEDIAL TAKEN
Teacher will -	Student will-	
ANNEXURE 4A: CONCEPT MAP with the help of concept map explain the term agriculture and related terms.	ANNEXURE 4a draw the concept map in their notebooks and watch the PPT to understand the eminence of agriculture in Indian economy	
ANNEXURE 4B: CLASSIFICATION CHART ask the class to make a classification chart on types of farming	ANNEXURE 4b Make a classification chart in their notebooks	
ANNEXURE 4C: STORYBOARD guide the students to complete the activity	ANNEXURE 4c follow the instructions and complete the activity	
ICR(interactive board) open the world map on ICR and highlight major agricultural areas of the world	mark the major agricultural areas on their respective maps	
book reading pg. 44-45 & ICR compare the system of farming in India and USA	read the pages and take notes of the comparison explained in class	
discuss the worksheet given in ANNEXURE 4C	take part in the discussion and complete the worksheets given in annexure 4C	

TEACHING AIDS- Interactive Board, Flow chart and Activity Kit.

METHODOLOGY- Map work, group discussion, web charts , Story board and ICR.

INTERDISCIPLINARY LINK –Cartography – Distribution of major crops on a world political map , Economics- Role of agriculture in Indian economy, Case Study : Agriculture development in India and USA.

COORDINATOR

HOD

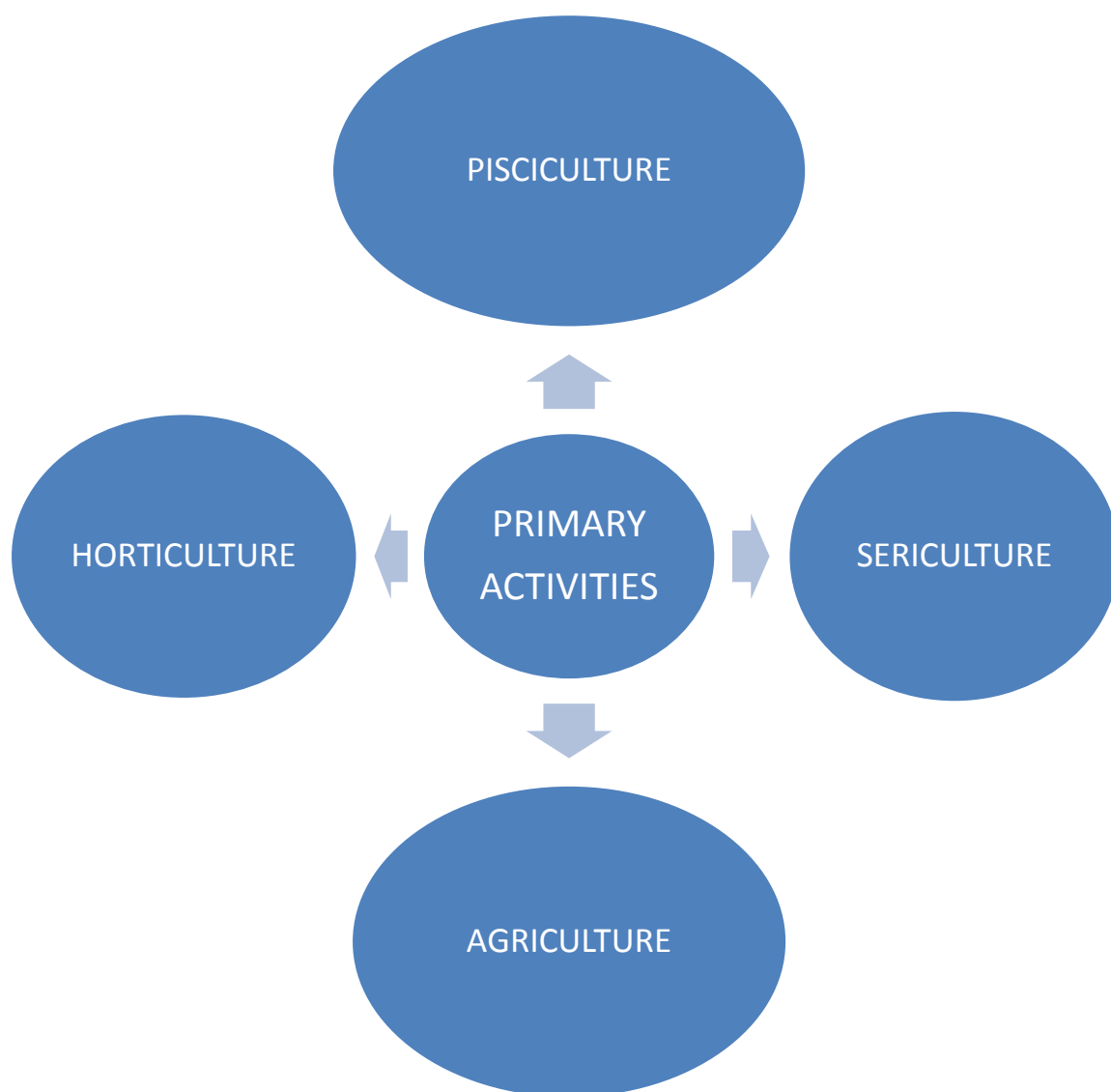
VICE PRINCIPAL

PRINCIPAL

ANNEXURE 4A

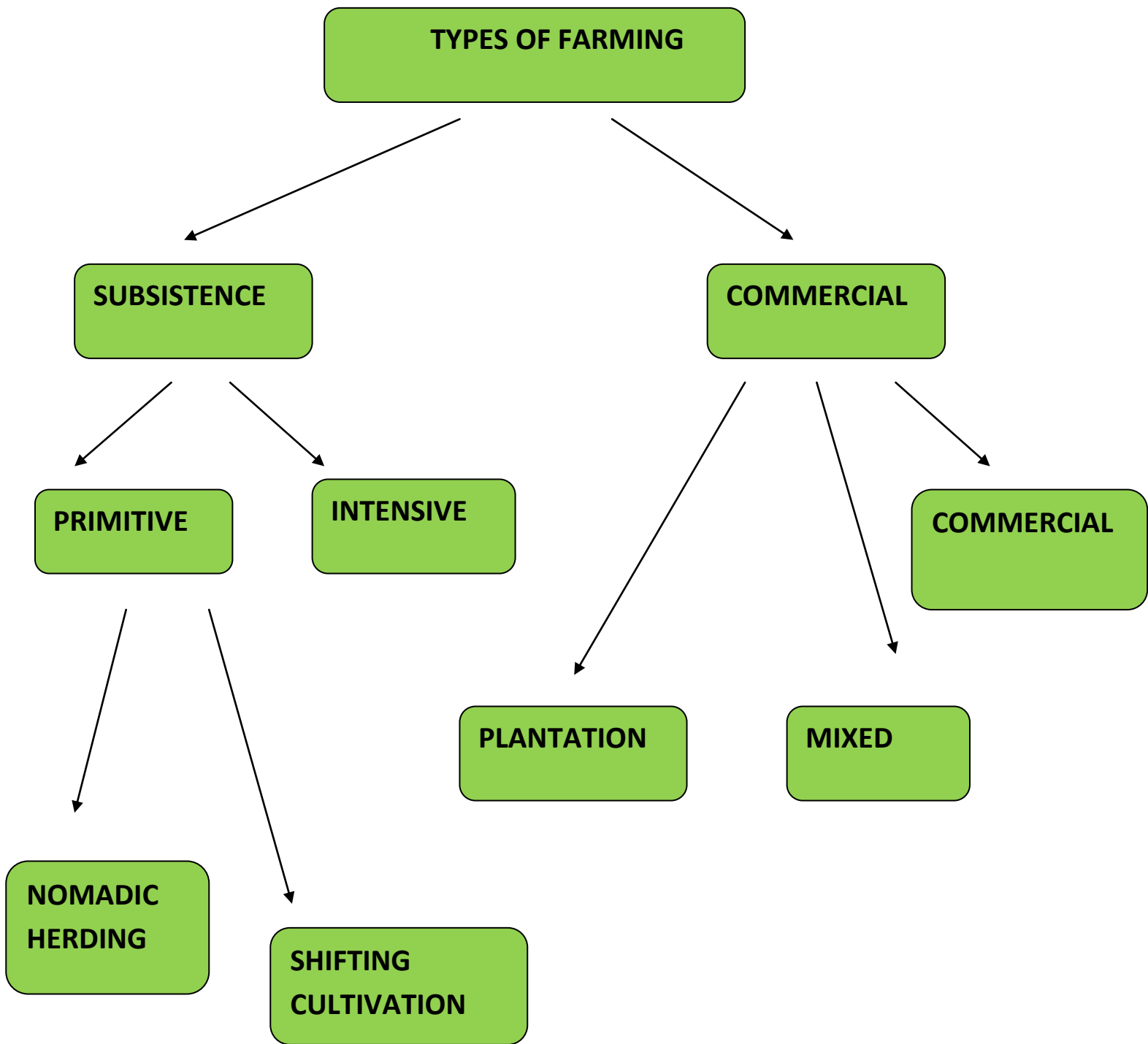
L-4 AGRICULTURE

ANNEXURE 4A: teacher will make the concept map on ICR.



Annexure4a : Students will draw the concept map in their notebooks

ANNEXURE 4B: Teacher will draw the classification chart on the ICR.



ANNEXURE 4b: students will draw the classification chart in their notebooks.

ANNEXURE 4C

Lesson-4 –Agriculture

Activity- Story board activity

What will I learn(Learning Outcome)?: -The students will be able to

-identify the different crops grown in different parts of India.

-describe the conditions for growth of the major food crops.

What I have to do?- To prepare a story board- “an interview with a crop”

Time required- 1 hour/ two periods .

What do I need?- Story board sheets, rewritable sheets ,colored pens and cloth duster.

Type of Activity- Pair work

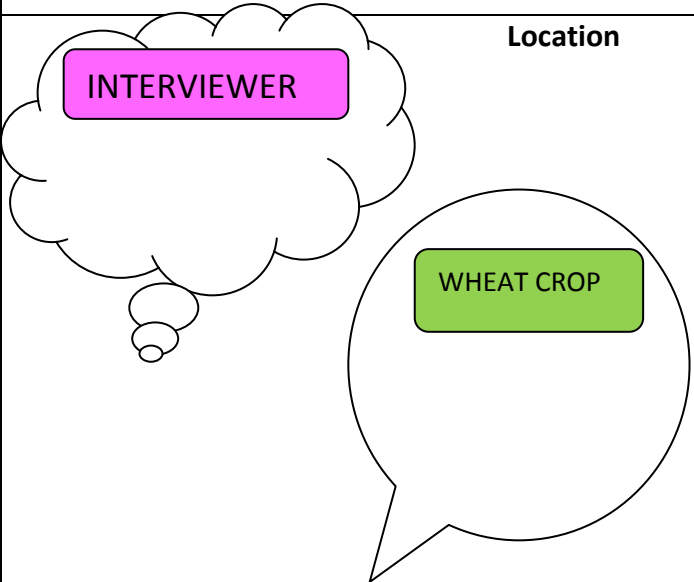
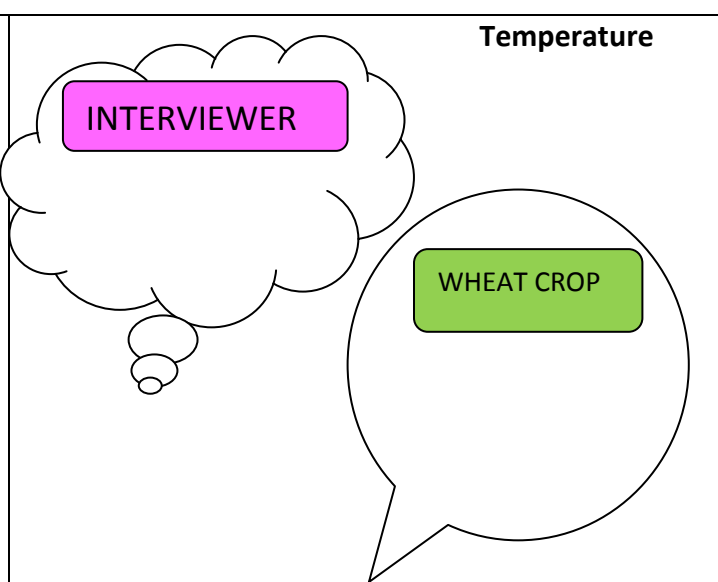
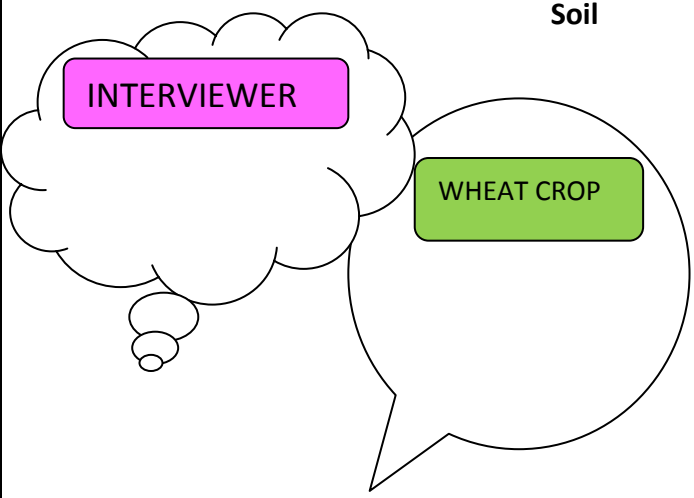
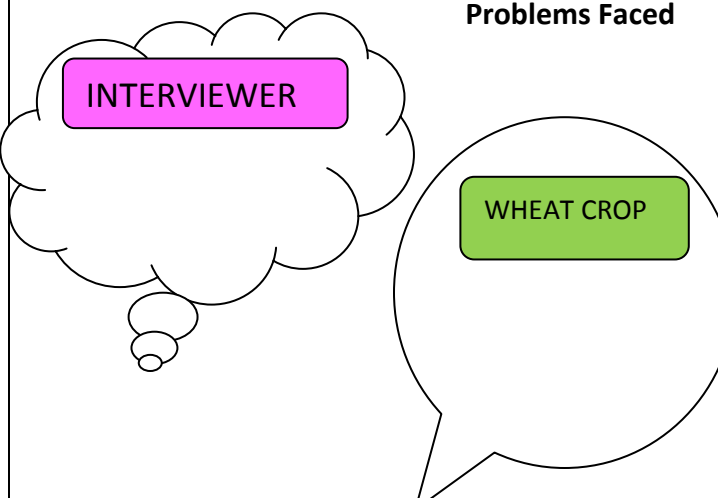
What I already know ?- Major crops grown in India and states producing them.

Teacher’s activity-

Teacher’s Preparedness:

To prepare A3 size rewritable story boards on rice, wheat, sugarcane, tea and jute. A day before the activity students will be taught about the major crops grown in India, their respective conditions for growth and states producing them will be shared with the class.

Sample of an interview sheet-

INTERVIEW WITH WHEAT CROP	
Location  INTERVIEWER WHEAT CROP	Temperature  INTERVIEWER WHEAT CROP
Soil  INTERVIEWER WHEAT CROP	Problems Faced  INTERVIEWER WHEAT CROP

How do I proceed?: Students will -

- pair with your partner.
- collect information (climate and soil) about a particular crop grown in India.
- each team to discuss and fill the story board.
- share the findings with the class.

What have I observed?- Observation Table- Agricultural Crops

Name of the crop	Conditions of Growth	States Producing

What have I learnt?-. Due to different _____ conditions like rainfall and _____ and soil type , different types of crops grow in different places .

What I am curious to Know? By 2050, the world’s population is expected to grow by another 2 billion people, and feeding it will be a huge challenge. Due to industrial development and urbanization, we are losing arable lands every day. Scientists say that the Earth has lost a third of its arable lands over the last 40 years. Many believe that vertical farming can be the answer to this challenge. Is vertical farming the future of agriculture?

Let me evaluate myself -

Q1.Fill in the blanks-

1. _____ and _____ are fibre crops.
2. Wheat thrives best in _____ soil.
3. In _____ season rice is grown.
4. _____ is a cash crop.
5. _____ grows well on slopes of hills.
6. _____ is a staple crop for about half of the world's population.

Q2. I. Choose the correct answer from the following–

i) Horticulture means growing of _____ , flowers and vegetables.

- a) fruits b)wheat c) cotton d) jute

ii) Golden fibre refers to _____

- a) tea b) jute c) coffee d) rice

iii) Which crop thrives well on black and alluvial soils?

- a) Tea b) Cotton c) Jute d) Maize

3. Distinguish between secondary and primary activities in three points for each.

4. Outline any three demerits of shifting cultivation .

5. Examine two problems associated with the agriculture in India. Suggest three ways to improve agriculture production in India.
