

SUBJECT – GEOGRAPHY

TOPIC-L-5 INDUSTRIES

CONTENT	GENERAL OUTCOMES The students will be able to-	SPECIFIC OUTCOMES The students will be able to-
Pre content Industries and industrial system	develop appreciation for the importance of industries in India	recognize the key concepts associated with industries
Content Classification of industries	classify the various types of industries	identify industries on basis of raw material ,size ,ownership
Map Work – Major industrial zones of the world	highlight the major industrial zones on world political map	locate the major industrial zones on world political map
Iron and steel plants - Jamshedpur and Pittsburgh	analyse the locational advantages of the two steel plants	compare the location advantages of the two steel plants
Manchester cities- Osaka and Ahmedabad	comprehend the locational advantages of the textile cities- Osaka and Ahmedabad	describe the locational advantages of the textile cities- Osaka and Ahmedabad
IT cities – California and Bangalore	synthesise the factors responsible for the development of IT hubs- California and Bangalore	summarise the conditions essential to the development of IT hub- California and Bangalore
Post Content Recaptulatory Activity	apply the knowledge and complete the activity	write the answers of the given Worksheet

HOMEWORK /ASSIGNMENT

1. Read the chapter
2. Paste articles from the newspaper on industrial disaster
3. Complete the assignment given in the assignment booklet.

TEACHER'S ACTIVITY	STUDENT'S ACTIVITY	TEACHER'S OBSERVATION And Remedial taken
Teacher will - use the content in the lesson to highlight the meaning of industry	Students will- comprehend and underline the definition of industry given in the lesson	
ANNEXURE 5A Use the ICR and draw Flow chart-Classification of industry followed by explanation	ANNEXURE 5a draw the flow chart in their notebooks and follow the explanation	
use a world map from the lesson on ICR and locate the industrial zones	mark the zones in their respective maps	
write the locational advantages of both the steel plants –TISCO and Pittsburgh	make a note of all the points in their notebooks	
assign them a task to draw comparison between the two units	read the pages and complete the task	
hold a discussion on IT hubs- California and Bangalore	read the pages of the lesson and complete the task	
ANNEXURE 5B discuss the activity	ANNEXURE 5b follow the instruction and complete the activity	

TEACHING AIDS- Flow chart , Interactive board and relevant support material.

METHODOLOGY- map activities, group discussion, Flow chart , Data interpretation

INTERDISPLINARY LINK –Cartography – Distribution of major industries on a world political map ,
Art - locational factors for industries,

COORDINATOR

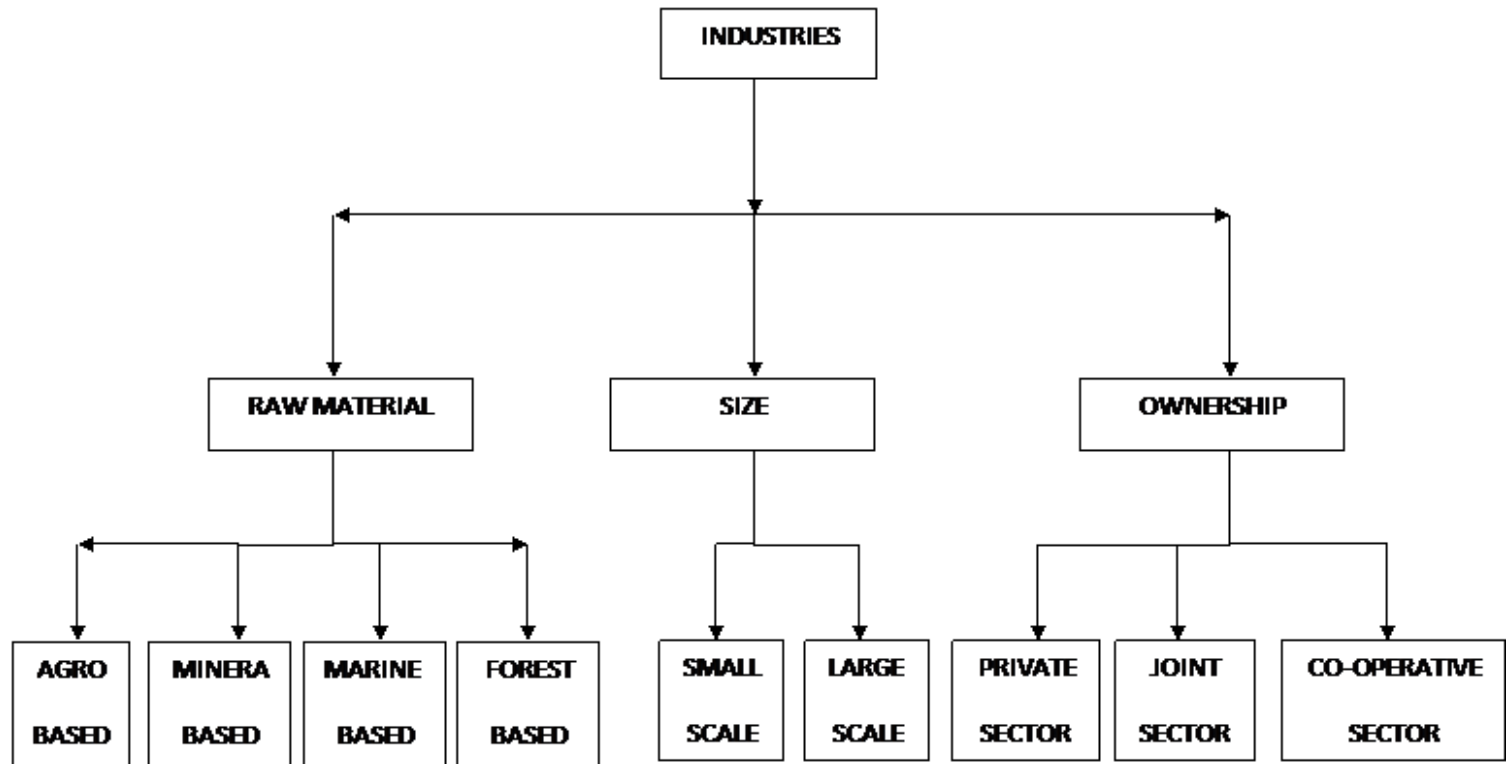
HOD

VICE PRINCIPAL

PRINCIPAL

ANNEXURE 5A

The different types of industries will be explained and the ICR will be shown .A flow chart for the different types of industries will also be made.



ANNEXURE 5a- students will make the flowchart in their notebooks.

ANNEXURE 5B EXPERIENTIAL LEARNING- ACTIVITY NO – G-V

Subject	Geography
Class	VIII
Chapter /Unit	L-5 , Industries
Topic	Classification of industries
Time	30 minutes
Nature of Activity	Individual

Activity Title – Concept Map

What will I learn(learning outcomes)?

The students will be able to -

comprehend the classification of industries and elaborate the classification in form of concept map.

Skills - Understanding and Applying

What I have to do? – To develop concept map on the classification of industries .

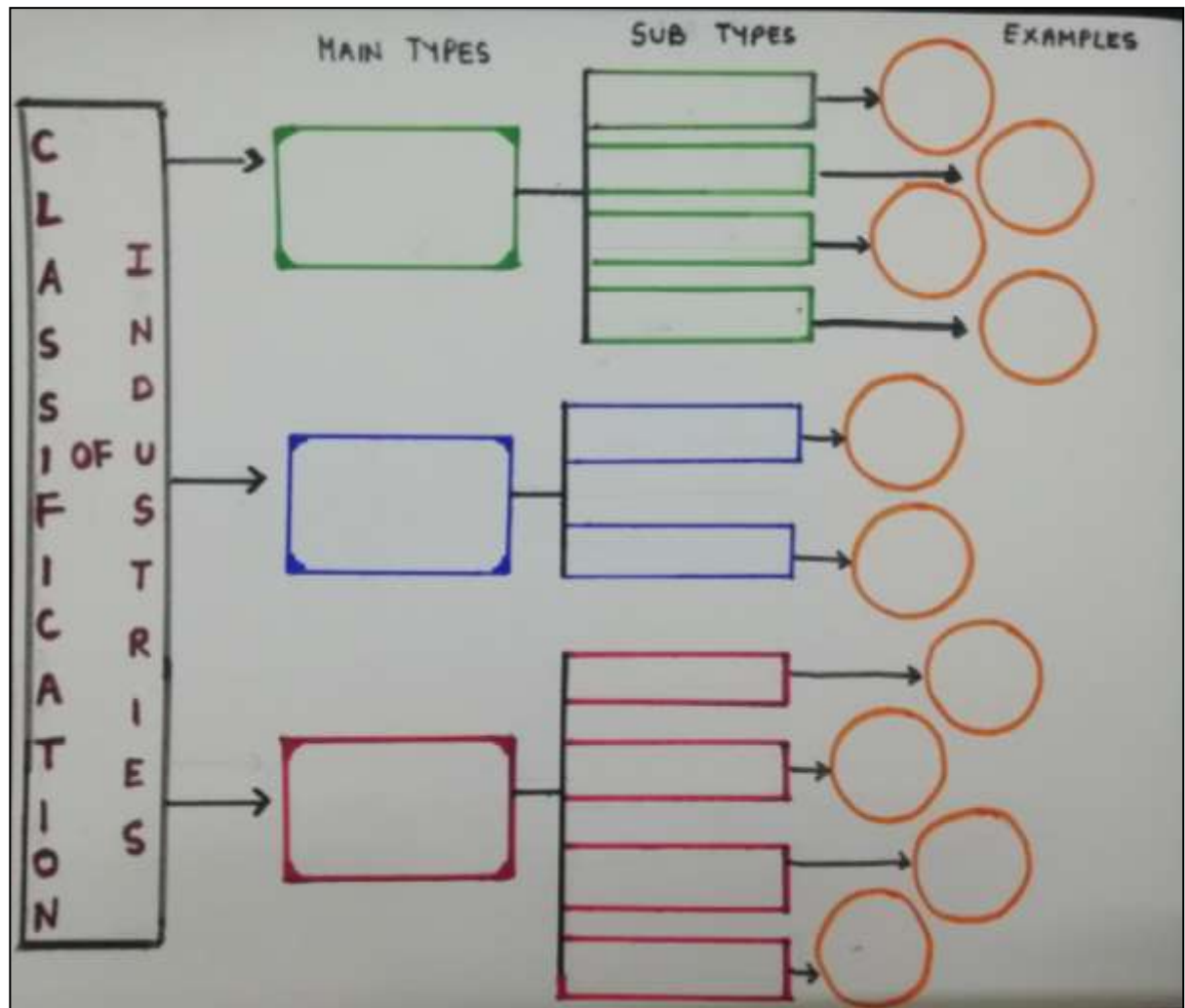
What do I require ? – Pen/pencils and eraser .

What do I need to know?- Industry refers to economic activity concerned with the processing of raw materials and manufacture of goods in factories. The classification of industries based on raw material (agro ,mineral, marine and forest based), size(small and large scale) and ownership (private,public, joint-sector and cooperative) .

Teacher's Activity- Teacher will -

- explain the classification of industries ,a day before the commencement of the activity .
- prepare the concept map figure 5.1 to be used in the class on the next day for the activity.

Figure 5.1 – Concept map



- display the concept map -figure 5.1 - and ask students to fill the required information.

Student's Activity – Students will -

- make the structure of concept map (figure 5.1) and fill the required information on classification of industries.
- share the concept maps in the class and record it in their notebooks.

What have I observed?-

OBSERVATION TABLE- Classification of Industries

Name of Industry	Sub Type of industry	Main type of industry
Basket weaving	Small scale	Based on Size
Iron and steel		
Sudha Dairy		
Pharmaceuticals		
Oil refineries		

* Sample filled

What have I learnt?-

- Give two examples of agro based industries .
- Which industry is classified into both large scale and mineral based industry?

What am I curious to learn?

Startups like Urbanclap , Zomato , Instavans etc., are making the world available to us at our doorstep . They do not require formal industrial set up yet they create employment and provide goods and services. Find out more about such startups , their operations and how their set up is different from the formal set up industry.

Let me evaluate myself

1. Choose the correct option for the following -

1. Basket weaving, pottery and other handicrafts are all examples of-

- a. Small scale industries
- b. Medium scale industries
- c. Cottage industries
- d. Large scale industries

2. Name the major industry which provides the primary needs of humans like clothing.

- a. Chemical industry
- b. Transport industry
- c. Textile industry

d. Iron and Steel industry

3. What is the output of iron and steel industry?

- a. All of these
- b. Iron ore
- c. Pig iron
- d. Steel

2. Define the following terms-

a. Industry

b. Cooperatives

3. Match the following-

	COLOUMN A		COLOUMN B
1	Silicon Plateau	A	Osaka
2	Manchester of India	B	Deccan Plateau
3	Manchester of Japan	C	Bhopal
4	3 rd December 1984	D	Ahmedabad

4.Fill in the blanks -

- 1. The river that provides sufficient water to Osaka's textile industry is.....
- 2. The process of smelting is done in a.....
- 3. The first cotton textile mill was established in Ahmedabad in.....
- 4. Silicon Valley is located near theMountains

5. State True or False:

- 1. Osaka is known as 'Manchester of Japan'.
- 2. IT industry is called knowledge industry.
- 3. Coal mining industry is marine-based.

4. Forest based industries utilise forest produce as raw materials.