

Pre-Content/content Post-Content	Learning outcomes/Objectives	
	General	Specific
<u>Pre-Content:</u> - Interactive session will be conducted where students will be asked many questions - 1. Which is the most colourful part of the plant? 2. Which part of the plant attracts butterflies? <u>Content:</u> - Uttarakhand : Valley of flowers - Parts of a flower - Usage of flowers <u>Post Content:</u> - Madhubani : A folk art	Students will be able to: identify most colourful part of the plant visualize the beauty of valley of flowers in Uttarakhand recognize different parts of a flower list uses of flowers in day to day life explain how Madhubani art is drawn and painted	Students will be able to: explore why flowers are the most attractive part of the plant appreciate beauty of valley of flower in Uttarakhand locate Uttarakhand on India's political map distinguish between different parts of a flower discuss function of different parts of the flower categorize flowers on the basis of its usage examine the figures used in Madhubani art and when it is made sketch Madhubani art and colour it by natural colours

Home Work /Assignment

- Q1. Draw a flower and label its parts.
 Q2. Draw Madhubani art and use natural homemade colours to paint it.
 Q3. Locate Uttarakhand on India political map.

Teacher's Activity	Student's Activity	Teacher's observation and Remedial
Teacher will : (Field visit) - take students in the garden and show them any flowering plant. She will ask them to choose the most attractive and colourful part of the plant (Map work) - show a video on Valley of flowers in Uttarakhand to students. She will ask them to locate and mark Uttarakhand on India political map. - show different parts of a flower to students. She will ask students to draw parts of a flower in their notebook Annexure 11 (A) - conduct an activity where students have to recognize the flower and mention it's uses. - guide students to draw Madhubani art in their notebook and colour it with natural colours.	Students will : - choose flowers as most attractive and colourful part of the plant - watch the video and mark Uttarakhand on India political map - observe different parts of flowers. They will draw and colour different parts of a flower Annexure 11 (a) - perform the activity - draw the Madhubani art by using pictures of animals, flowers, leaves and human and colour it by natural colours.	

Teaching Aids: Flowers of different types , video , Textbook

Methodology/Innovative: Field visit , Experiential learning , Discussion , Map work

Interdisciplinary Links: Botany , Skill- environmental sensitivity

HOD**COORDINATOR****HEADMISTRESS****PRINCIPAL**

Annexure 11 (A), (a) - SOUL OF A PLANT

<u>SUBJECT</u>	EVS
<u>CLASS</u>	IV
<u>CHAPTER</u>	THE VALLEY OF FLOWERS
<u>TOPIC</u>	WORLD OF FLOWERS
<u>TIME</u>	30-35 MINUTES
<u>NATURE OF ACTIVITY</u>	INDIVIDUAL

What will I learn ? (Learning Outcome) To explore the characteristics and uses of flowers.

Skills : Understanding , analyzing, critical thinking, evaluating , integrating art , environmental sensitivity

What I have to do ? To identify flowers and their names.

What do I require ? Different types of flowers (from home / garden), A-4 sheet , sketch pens

What do I need to know ? Names of few flowers and where they are used.

➤ **Teacher's Activity:** Teacher will :

- (1) discuss the importance of flowers in our day to day life.
- (2) take them to a garden and show different types of flowers.
- (3) pick up different types of fallen flowers(which are fresh not rotten)
- (4) ask students to bring few flowers which they grow in their houses .
- (5) give instructions about the activity. Teacher will:
 - ask students to observe the flowers given to them.
 - ask them to identify the name of the flower.
 - count number of petals.
 - observe the colour of the flower.
 - ask whether flower has fragrance or not ?
 - discuss about the uses of that flower.

How will I proceed ?

➤ **Students' Activity:** Students will :

- (1) perform the activity.
- (2) bring flowers from their home or get from teacher.
- (3) identify the flower, count the number of petals of flowers given to them one by one .
- (4) explore many features of flowers like colour , fragrance.
- (5) find out the uses of flowers.

What have I observed ? Students will complete the observation table-

<u>S.No.</u>	<u>NAME OF THE</u>	<u>COLOUR OF THE</u>	<u>NUMBER OF</u>	<u>FRAGRANCE</u>	<u>USES OF</u>

	<u>FLOWER</u>	<u>FLOWER</u>	<u>PETALS</u>	<u>(Yes/No)</u>	<u>FLOWER</u>
1.	HIBISCUS	RED	5	NO	HIBISCUS TEA IS USED AS MEDICINE

What have I learnt ? I have learnt that flowers are the most attractive part of the plant and it is very useful part of the plant.

What am I curious to learn ?

- ❖ Saffron is used as a spice and gives a yellowish - orange colour to food. Let us find out which part of the plant is saffron

Let me evaluate myself :

Q1) Choose the correct option-

a) Fruits grow from _____

- (i) stem
- (ii) buds
- (iii) flowers
- (iv) roots

b) Petunia blooms during _____season.

- (i) summer
- (ii) winter
- (iii) spring
- (iv) monsoon

c) The colourful part of a flower is called_____

- (i) sepal
- (ii) petal
- (iii) carpel
- (iv) stamen

d) Seeds are found in _____

- (i) stem
- (ii) flowers
- (iii) fruits
- (iv) buds

Q2) Name two flowers each that we-

- (i) Eat as vegetable _____, _____
- (ii) Use for making perfume _____, _____
- (iii) Use as medicine _____, _____
- (iv) Use for making colours _____, _____
- (v) Use for decoration _____, _____

Q3) All plants do not bear flowers. Name any two non flowering plants.

Ans) (i) _____ (ii) _____

Q4) Many children pluck flowers just for fun. Is it correct? Why / why not ?

Ans) _____

Q5) Make a placard on the topic " DO NOT PLUCK FLOWERS " and write slogan on it.

Place the placard in your school / neighbourhood garden to make people aware about it.

Q6) There is a district in Bihar called Madhubani. During festivals, people paint their courtyard and walls of the house by using paste of rice powder in which natural colours are mixed obtained from different parts of plants. Draw a Madhubani folk art and colour it by beautiful bright colours.(for reference observe picture given in the text book)

