

Topic: Like Father, Like Daughter

Pre-Content/content Post-Content	Learning Outcome/Objectives	
<u>Precontent</u>	General	Specific
	Students will be able to:	Students will be able to:
Students are aware about the fact that an individual will have many traits common with immediate family members	explore the features similar to their parents	Differentiate between features similar to their paternal and maternal relatives
Content: Heredity	list the different hereditary characters inherited from their parents	relate why children resemble their parents and blood relatives.
Traits Inherited by family	Interpret the meaning of traits	Deduce that inherited traits are physical characteristics that can be passed down from parent to child.
<u>Post Content</u>		
Family and Environment Influences	List common habits and practices they have acquired from their family members and environment	differentiate between hereditary and environmental traits.

Home Work /Assignments: Read the lesson and complete the exercises given in the book.
Write any four heredity traits that you have inherited from your parents and blood relatives.
Complete the Question/ Answers and assignments given in class.

Teacher's Activity	Students' Activity	Teacher's Observation and Remedial action taken
Teacher will - guide the students to design a flow chart depicting similarities with their parents - Ask the students to bring picture of their parents and family members to identify resemblances to explain hereditary traits. Experiential Learning Annexure 21 A Instruct the students to conduct the survey based on the traits and draw a pie chart - Guide students classify common habits and practices they acquire from parents and environment	Students will - Design a flow chart depicting the common features with their parents - write any four hereditary traits that they have inherited from their parents. - answer the questions based on the topic given on page 194-197 Experiential Learning Annexure 21 a Complete the survey, calculate percentage of each trait and draw a pie chart. - differentiate between the traits acquired from the parents those from the environment	

Teaching Aids: Pictures of- identical twins and family members having strong facial resemblances, Articles and newspaper clippings related to the topic, textbooks.

Methodology/Innovative Methods: Discussion, Audio Visuals, Demonstration, Activity and project method.

Interdisciplinary Links: Maths – Construction of Pie Charts

Annexure 21 A & a

Activity Number-21

About Me

<u>SUBJECT</u>	<u>EVS</u>
<u>CLASS</u>	<u>V</u>
<u>CHAPTER</u>	<u>LIKE FATHER, LIKE DAUGHTER</u>
<u>TOPIC</u>	<u>HEREDITY AND TRAITS</u>
<u>TIME</u>	<u>30 MINUTES</u>
<u>NATURE OF ACTIVITY</u>	<u>GROUP ACTIVITY</u>

What will I learn ? (Learning Outcome)

- To explore that traits are observable characteristics that are passed down from parent to child and overall combination of traits in an individual makes him unique.

Skills- Comprehending & Applying

What I have to do ? :

- work in group
- exhibit team spirit
- infer information
- recapitulate and associate previous knowledge to new situation
- follow instructions diligently

What do I require ?:

Survey Worksheets, A4 size sheets, pencil, compass and colours

What do I need to know ? :

The basic difference between the traits and the behavior.

Teacher's Activity -Teacher will:

- 1 Divide students into groups of 10 students.
- 2 Guide students in the group to complete the survey based on the traits.
- 3 Have them tally their group information and accordingly draw a Pie Chart

How will I proceed ?

Students' activity:Students will:

- 1 Complete the survey
- 2 Discuss among themselves, tally the group information and draw a Pie Chart.

What have I observed ? :

Trait	Personal Information	Group Information	
	Yes/ No	Number of students having the same trait in the group	Percentage of students having the same trait in the group.
I have dimples in the cheek			
I am right-handed			
I am left-handed			
I have naturally thick, curly and black hair			
I straight, limp and brown hair			
I have black eyes			
I have brown eyes			
I am not color blind and can see red and green colors			
I can roll my tongue			
I can move my ears without holding them			

What have I learnt ? :

Inherited traits are physical characteristics that can be passed down from parent to child.

What am I curious to learn?

Let us find out why are some twins identical and some not?

Let me evaluate myself

Q1.How would you describe yourself?

a) Whom do you look like?

b) Think about your personality, how do you act?

c) What are your likes and dislikes?

Q2. What is the difference between the inherited traits and Inherited behaviors?

Q3. Write some of the special qualities of your family members which you have inherited.

Relation with the family Member	Special quality inherited
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.....	
.....	
.....	