

D.A.V. PUBLIC SCHOOL, VELACHERY, CHENNAI-42

CLASS : X

SUBJECT: BIOLOGY

CHAPTER: 9 HEREDITY AND EVOLUTION

ACTIVITY: TRAIT TREE

METHODOLOGY OF ACTIVITY:

- The teacher discusses about the traits which are inherited from generations such as earlobe attachment, eye color, dimples, chin shape etc and traits which are acquired during lifetime such as knowledge, muscles, talents.
- Students are asked to list out their own acquired and inherited traits and prepare a trait tree.
- The trait tree can be displayed on the chart paper showing the acquired traits as green leaves and inherited traits as brown leaves on the branches of the trait tree.
- The students can display their tree and compare them with other members of the class.
- Students understand that certain characters which are inherited are dominant than the other characters.

CURIOSITY QUESTIONS:

What would happen if traits are not inherited by human individuals from generations?

ANSWER GUIDE:

Think About

- Do siblings have the same genetic characters?
- How are certain traits expressed by few individuals?



TRAITS TREE

GREEN LEAF - Acquired
trait

BROWN LEAF - Inherited
trait