CLASS - IX
Subject : Science
Time Duration : 45 Minutes
Topic : Habitat(Aquatic)

Instructional Objectives :
- To acquire new concept.
- To enrich and classify known concepts.
- To develop and awareness of thinking strategies.
- To understand the nature of conceptual activity.

Performance Objective :
The student will be able to
- recognize examples correctly.
- differentiate examples into groups.
- state the important characteristics.
- state the concept.

Syntex
The teacher says that he has a concept in his mind. He presents unlabelled examples as below :-
Labeo, Lion, Dolphin, Tiger, Camel, Electric ray.

Students are asked to discuss among themselves the important characteristics or attributes. Then students are asked to give additional examples.

Students inquire which examples including their own are positive ones.

One of the students : Man

Teacher : No it is a -ve example.
Another student : Raja

Teacher : Yes, it is a +ve example. All these are examples of Aquatic Organization.

Then the teacher will explain the essential attributes of the concept.

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>They have flattend body.</td>
<td>They are terristrial animal.</td>
</tr>
<tr>
<td>They swim with the help of fin.</td>
<td>They have hairs on the body.</td>
</tr>
<tr>
<td>They respire with the help of gills.</td>
<td>They respire with the help of lungs.</td>
</tr>
<tr>
<td>They have scales on the body.</td>
<td>They have well developed brain.</td>
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</tbody>
</table>

Teacher - well students, tell me how did you arrive at the concept.
(Teacher will describe rule & hypotheses. Like this other science concepts will be taught).