Advantages of implementing learner oriented teaching methods for slow learner

Shaikh A.A.F., Tejas Aher, S.S. Patil, and Pagare Amol
Department of Applied Science (Anthropological and Behavioral Science), G.G.S.P., NASHIK (M S)
E-mail: arif.shaikh@ggsf.edu.in

Abstract—Various factors regarding learners like irregular attendance, lack of concentration, family background etc. is responsible for ineffective and inefficient teaching-learning process. Such learners (especially slow learner) lag behind the other learners. To overcome these difficulties different tasks were assigned to learners like poster making and its presentation in front of whole class. Because of this activity, result of slow learner was improved. This activity (performed in group) will help to improve qualities like cognitive skill (cognitive domain), psychomotor skill (psychomotor domain) and affective skill (affective domain).

Index Terms— Attendance, Activity, Cognitive Skill, improved

I. INTRODUCTION

Our observation regarding slow learners has been that they have low retention skills. Because of this they lack confidence. The students are unable to apply themselves in day to day life. As we know learning play important role for concept development. Education is essential not only for academic improvement but also development of social skills. Such slow learners cannot represent themselves confidently in society. This does not indicate that the learner has low mental capacity. The problems faced by them arise due to the fact that they cannot find the structure to utilize their abilities to their full potential.
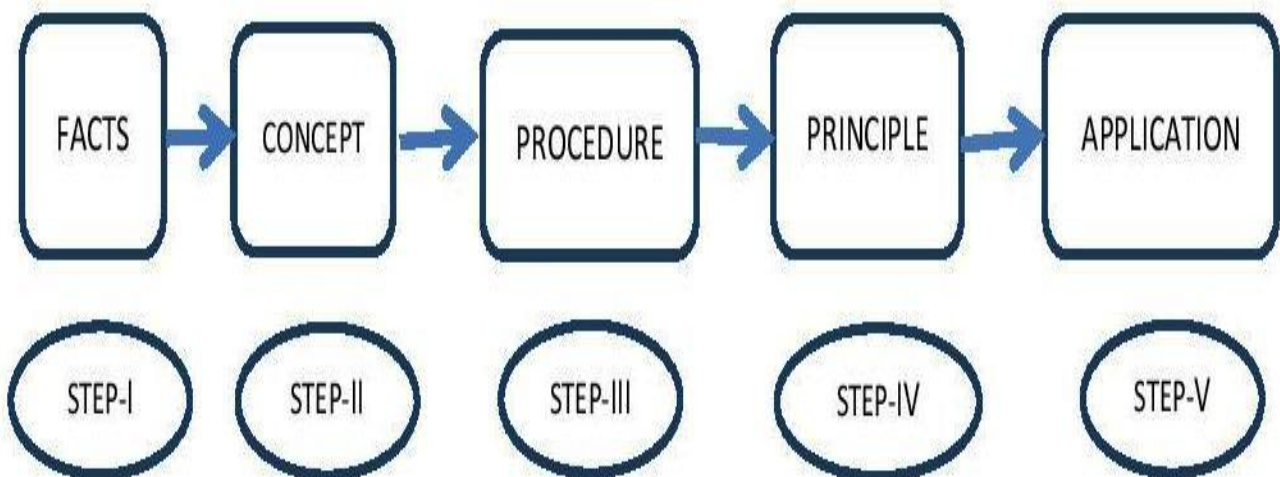
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Learning structure*1:

Fig. 1: Learning Structure

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Student's classified slow learners cannot go beyond the first two steps of the above structure. It is the responsibility of the educator to enable the student for attainment of all the steps of learning strategy [1].

1. Setting of objectives:

At the start of session the educator must define the educational objectives. The objectives must be specific and well defined.

Methodology:-

The teaching methodology that we employed focuses on the complete attainment of educational objectives for the slow learners the steps implemented were as follows:
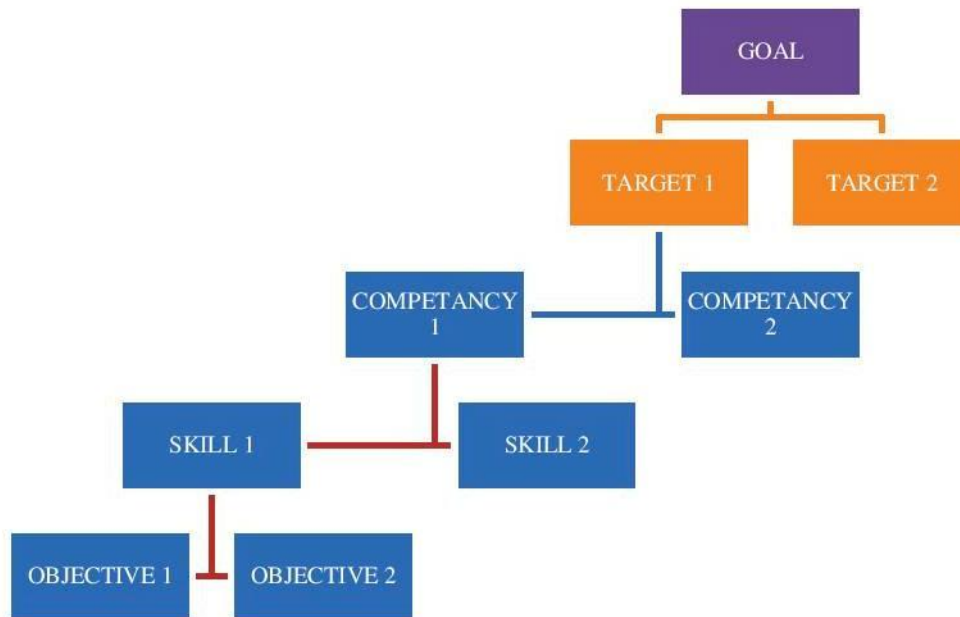
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Fig.2: HIERARCHY FOR OBJECTIVES

The above hierarchy [2] shows the importance of objectives for attainment of educational goals. Once the objectives are defined the educator can guide the learner towards the proper path. It also enables the learner to prepare themselves.

2. Simplification of topics (simple to complex)

After the objectives are defined, the educator must simplify the Abstract and Concrete concepts. Especially for slow learners it becomes imperative that the concepts be presented to them in the most simplified form.

To simplify the topics the educator must divide complex concepts into small fragments and then describe each small fragment separately.

3. Development of facts

For the development of facts we assigned the task of making working posters to slow learners. The purpose of this task was to improve not only cognitive but also affective skills [3].

4. Visualization of abstract concepts

It is quite difficult for slow learners to visualize abstract concepts. It therefore becomes essential for the educator to enable them to visualize abstract concepts. For example, when students prepared a poster on "Working of Blast Furnace" it was much easier for them to describe it's working.

5. Implementation:

A number of posters were prepared by the students, individually and it groups.

After preparing this working poster, slow learners were able to explain the process using their posters in front of the entire class.

II. CONCLUSION

We noticed a positive difference in the attitude of the so called Slow Learners. The students were able to express themselves in a more efficient manner. They developed a liking towards studies. This also contributed towards their academic performance..

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