

To Study Difficulty Level of The Lesson According To Biology Teachers Point of View

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Abstract

Students evaluation is necessary because through evaluation teachers come to know the students withdraw from the study and the students expectation. Teachers role is very important to know the student. Students feel some topics very easy and some feel very difficult. According to that level teacher has to decide the different strategies techniques of teaching students satisfaction, empathy, assurance, reliability, responsiveness are correlated with various dimensions. Biology subject is one of the very interesting subject because it is directly related to human being and the direct environment. But there is very complexity in the nature of subject e.g. different concepts.

Keywords: Teachers point of view, application, study techniques.

Introduction

Education makes the students capable of facing educational challenges. Teacher is a key person to open the lock of these educational or learning problems. All students in the class have individual differences that means the understanding capacity of particular term concepts in a particular topic. Teacher has to identify the differences and has to decide the teaching methods, strategies so that all students in the class can understand. Researcher conducted questionnaire for teachers to know the different techniques strategies teachers use while teaching before teaching and how do they handle the students learning barriers. Before application of study technology on the XI standard Biology students researcher wanted to know all these information because study technology by Hubbard suggested many barriers of learning with their remedies.

Objectives of the Study

1. To study the most effective teaching aid.
2. To study the flexibility in lesson plan as per situation in the classroom.
3. To study lesson planning sources.
4. To study the active participation of students through lesson plan.
5. To study the most effective teaching technique.

Materials and Methods

In the present study, sample size of 25 teachers of Xi stanbdrd Biology subject were selected using convenience random sampling techniques. A research tool was designed consisting

knowledge questionnaire, experience and practice questionnaire. The questions had 4 options and only one correct answer.

Table: Teachers Responses

| Questio ns | A | | B | | C | | D | |
|---------------|----------|------|----------|------|----------|------|----------|------|
| | Fre q | % | Fre q | % | Fre q | % | Fre q | % |
| 1 | 9 | 28.1 | | | | | 23 | 71.9 |
| 2 | 17 | 53.1 | 1 | 3.1 | 5 | 15.6 | 9 | 28.1 |
| 3 | 22 | 68.8 | 1 | 3.1 | 5 | 15.6 | 4 | 12.5 |
| 4 | 23 | 71.9 | 5 | 15.6 | 1 | 3.1 | 3 | 9.4 |
| 5 | 2 | 6.2 | 4 | 12.5 | 23 | 71.9 | 3 | 9.4 |
| 6 | 7 | 21.9 | 1 | 3.1 | 15 | 46.9 | 9 | 28.1 |
| 7 | 15 | 46.9 | 2 | 6.2 | 14 | 43.8 | 1 | 3.1 |
| 8 | 16 | 50.0 | 2 | 6.2 | 9 | 28.1 | 5 | 15.6 |
| 9 | 4 | 12.5 | 6 | 18.8 | 14 | 43.8 | 8 | 25.0 |
| 10 | 24 | 75.0 | 8 | 25.0 | | | | |

Table shows that all the respondents were XI standard Biology state board teachers, total samples collected were 32.

Statistical Analysis and Interpretation

The raw data were coded, entered and analysed using the SPSS (for Windows version 16).

The data was presented in tabular form with frequency and percentage values.

Both qualitative and quantitative data are collected by the researcher and these are the basis of survey

1. Most effective teaching aid d (71.9%)
2. Flexibility of lesson plan as per situation a (68.8%)
3. Sources for planning Biology lesson a (68.8%)
4. Students' participation while learning a (71.9%)
5. Teaching method/technique c (71.9%)

Major findings of the Study

- a. Most of the teachers in the population feel LCD player is the most effective teaching aid in the teaching.
- b. Teachers cannot predict the exact situation in the class prior teaching so maximum teachers make the plan flexible according to situation.
- c. While preparing a lesson plan teachers use textbook as a source.
- d. Majority teachers feel maximum active participation of students while teaching is possible by asking questions.
- e. Maximum teachers follow discussion method rather than direct instruction.

Conclusion And Suggestions

1. The teachers feel LCD projector is the most effective teaching aid so schools have to start the digital learning technique.
2. Students have the individual differences so all students cannot respond the same to the particular content so teachers have to make the lesson flexible.
3. Most of the teachers refer only textbook while planning the lesson, but for the best lesson plan teachers should refer different sources like internet or previous teacher's plan.
4. Maximum participation of students should always be welcomed by teachers. Most of the teachers use question-answer strategy.
5. Majority of teachers stress on the discussion method. It is the best method for teaching for better understanding of the content.

References

1. John W. Best and James V. Khan, (1995); Research in Education, Seventh Edition, New Delhi, Prentice Hall of India.
2. Carter V. Goud (1972); Essentials of Educational Research Methodology and Design, New York.
3. <Marathi>
4. Sidhu Kulbrisingh; Methodology in Research in Education.
5. Best J. W., Khan J. V. (1992); Research in education, New Delhi, Prentice Hall of India.
6. Kaul L (1992); Methodology of Educational Research, New Delhi, Vikas Publishing House Pvt. Lt.
7. <Marathi>
8. <Marathi>
9. Cristine P. Parel and others; Sampling and Procedures, New York, Agricultural Development Council, 630 Fifth Avenue (1984)
10. Text book of XI standard Biology, SSC Board