



Understanding Level of High School Students towards Teaching Methods

KEYWORDS

K.Ahalya Sundari

Research Scholar, Dept of Education, S.P.M.V.V, Tirupati, A.P.-517502

M.Rajendra Nath Babu

Senior Research Fellow(UGC), Dept of Education, S.V.University, Tirupati, Chittoor, AP-517502

Prof V.Dayakara Reddy

Head, Dept of Education, S.V.University, Tirupati, A.P.-517502

ABSTRACT Present study was undertaken to investigate the impact of teaching methods towards the understanding level of high school students with reference gender and management. A sample of 320 high school students were selected by using simple random sampling technique from in and around of Tirupati Town. Attitude scale on understanding level of high school students towards teaching methods was employed and to collect the data mean, S.D, t-test was used. girls have more understanding levels than the boys.

Introduction:

Teaching is the pious profession. Teacher plays dominant role in the society. Teacher is the maker by family, community and the nation. The teacher leads the students from the darkness of ignorance to the light of knowledge of understanding and helps to keep the lamp of civilization burning.

In teaching learning process teaching methods play an important role in understanding the content, the effective teacher and his methods can shape the personality of the students in the present period of modernization in the education of children we should consider not only the normal but the exceptional children slow learners gifted, and different teaching methods should be employed accordingly.

"As the compass gives direction to the navigator & shows the direction store in the same way the teaching methods give direction to the teaching learning process" and helps for better understating of the concepts. Thus gives good citizens for the prospering society.

Students learn at different speed and react differently. Therefore for effective teaching it has to be focused that every student gets equal chance to learn and for that a good teaching methods are to be adopted.

The teaching method should be appropriate to the subject end to the understanding level students so that the concepts formed in the mind are clear then the students thoughts will be perfect. Then the mind is set to be free, and we know free mind can do miracles on the earth.

Statement of the problem:

"Understanding level of high school students towards teaching methods in Tirupati Town."

Objectives:

To identify the effectiveness of variables with regard to the understanding level of high school students towards.

Hypotheses:

Below cited hypothesis were formulated by the investigator.

H1: These exists no significant difference between boys and girls understanding level towards teaching methods.

H2: There exists no significant difference between students belonging to different management school on their understanding level towards teaching methods.

Methodology:

Method:

For the present study the survey method was employed by the investigator.

Sample:

In this study, population 320 students were selected as the sample by using sample random sampling technique. The sample represented the variables namely, name, rural, urban, teaching material and management.

Description of tool:

In the present study the "Attitude scale towards the understanding level of high school students" was prepared. The attitude scale consists of 42 items and subjects are given with four options "strongly agree", "Agree", "disagree", "strongly disagree".

Scoring:

Among 42 items, some are directly scored while others have to be reverse-scored. In the direct scoring a response of 2 as 2; 3 as 3; and 4 as 4; in reverse scoring items a response 1 was scored as 4; 2 as 3; 3 as 2, 4 as 1.

Analysis and Interpretation of the data:

The collected data were analyzed by using both descriptive and inferential statistics i.e. standard deviation, and 't' test. Plan for data analysis was decided as follows. The collected data were analyzed based on hypotheses and objectives using descriptive and inferential statistics.

Hypothesis testing – 1:

There exists no significant difference between boys and girls understanding level towards teaching methods.

The above hypothesis was tested by employing t-test.

Table 1: Attitude scores of boys and girls of high school students understanding level towards teaching methods.

Gender	N	Mean	SD	T-Value
Boys	157	155.032	14.945	2.35**
Girls	163	158.883	14.675	

Note: **: Significant at 0.01 level

In the table -1 the mean values of boys understanding level towards teaching method is 155.032 and standard deviation is 14.945.

tion is 14.945. In comparison the mean and SD of girls is 158.883 & 14.675. From this it is clear that girls have more understanding levels than the boys. Calculated t-value 2.35 is greater than the table t-value 2.32. Hence the null hypothesis is rejected. Therefore we conclude that there exists a significant difference between boys and girls understanding level towards teaching methods.

Hypothesis testing -2:

There exists no significant difference between students belonging to different management schools on their understanding level towards teaching methods.

The above hypothesis was tested by employing t-test.

Table 2: Attitude scores of government and private school students' attitude on understanding level of high school students towards teaching methods.

Management	N	M	SD	T-Value
Government	159	160.553	14.033	4.338**
Private	161	152.835	14.528	

Note: **: Significant at 0.01 level

In the table 2; the mean value of the understanding level of teaching methods for high school students is 160.553 and SD is 14.033 and the mean & SD for understanding level towards teaching methods of private school students is 152.835 and 14.528. From the table-2; it is clear that government school students have more understanding levels than the private school students. Calculated t-value 4.338 is greater than the table t-value 2.32. Hence the null hypothesis is rejected. Hence we conclude that there exists a significant difference between students belonging to different management schools on their understanding level towards teaching methods.

Findings of the study:

- ❖ These exists a significant difference between boys and girls understanding level towards teaching methods.
- ❖ There exists a significant difference between students belonging to different management schools on their understanding level towards teaching methods.

Educational implications of the study:

- ❖ Different teaching methods should be used according to class and ability of the learner.
- ❖ Teaching methods should be according to the context.
- ❖ Teacher should plan methods before teaching learning activity.
- ❖ Teacher should use different teaching methods according to individual differences.
- ❖ Teaching methods play an important role in teaching learning process.

Conclusion:

Hence, in the teaching learning process the methods of teaching has magnificent role. As the education is evaluated, then one or the other method in employed to incorporate the concept it may happen individually or for the group of members.

REFERENCE

- Adams, M. & Brown, S. (Eds.) (2006) Towards Inclusive Learning in Higher Education: developing curricula for disabled students. Abingdon: Routledge. | ➤ Biggs, J. (1996) Enhancing teaching through constructive alignment. Higher Education, 32, pp.347-364. |