



## EFFECTIVENESS OF INTERACTIVE TEACHING FOR DEVELOPING CREATIVITY OF IX STANDARD STUDENTS

**Dattatray S. Thorat**

Asst. Professor  
Raireshwar Dongari Vikas Parishads  
Adhyapak Mahavidyalaya,  
Dhankawadi, Pune 43

**Sulbha M. Gawade**

Asst. Professor  
Raireshwar Dongari Vikas Parishads  
Adhyapak Mahavidyalaya,  
Dhankawadi, Pune 43

### Introduction:

Education is one of the main key for the development & Improvement in human welfare. It is a process of socialization. Teaching is such a social process which aims at maximizing of information and motivating student and creating positive classroom environment. The interactive teaching helps to bring success by generating desirable classroom environment. It helps to create interest in learning

### Objectives of the Study

- 1) To study the present creativity of students learning at IX Standard.
- 2) To prepare programmes for interactive teaching-learning.
- 3) To use interactive teaching methods in Marathi subject.
- 4) To study the effectiveness of interactive teaching by post-test.

### Hypotheses of Research

#### Research hypothesis

There will be a positive effect of interactive teaching on developing creativity.

#### Null hypothesis

- 1) There is no significant difference between the performance of the students from control and experimental group in pre-test.
- 2) There is no significant difference between the performance of the students from control and experimental group in post-test.

### Research procedure

#### Research Method:

Experimental Method

#### Interactive teaching programme:

1. Completing the sentences
2. Discussion
3. Puzzles
4. Role play
5. Questioning

#### Experiment Design:

The pretest-posttest Equivalent group Design

R O<sub>1</sub> X O<sub>2</sub> O<sub>1</sub> O<sub>3</sub> = pretest  
R O<sub>3</sub> C O<sub>4</sub> O<sub>2</sub> O<sub>4</sub> = posttest

#### Phase I (pretest):

In this phase the investigator administered pretest on all pupils(60)

## Phase II

Investigator gave a treatment of Interactive teaching programme to an experimental group and the control group was treated with traditional teaching method for the period of 15 days

## Phase III (posttest):

Investigator administered a post test on both the groups and compared the result .

## Statistical techniques.:

Present research study is related to check the effectiveness of Interactive teaching method. For analysis and interpretation of the data investigator used mean, SD, 't' Value as a statistical techniques.

## Analysis & Interpretation of Data

The collected data is analyzed and interpreted with mean SD & 't' test.

Group	No.OF Sample (N)	Mean	SD
Control Group	30	9.07	2.02
Experimental Group	30	15.2	1.96

The 't' test is applied to test the significance of difference between the mean test scores of the experimental group and the control group. There is two tail hypothesis and the difference between mean as 6.13. the 't' value is 11.56 and df is 58. The 't' value is 2.000 at 0.5 level and 2.660 at 0.01 level. The 't' value is more significance, so null hypothesis was rejected.

## Conclusion

- 1) The use of Interactive teaching method impact positively on the creativity of IX standard students.
- 2) The interactive teaching method was found to be more effective than traditional method for developing creativity.
- 3) The interactive teaching method helped to create desirable classroom environment for developing creativity of IX standard student
- 4) The study is very effective in educational field.

## Bibliography

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