

METHADODOLOGY

CHAPTER - III

3.1 INTRODUCTION

George J. Mouly defines educational research as, "The systematic and scholarly application of the scientific method interpreted in it's broader sense to the solution of educational problems conversely. Any systematic study designed to promote the development of education as science can be considered educational research."

In present chapter each step that has been taken to conduct this research is discussed briefly.

3.2 OBJECTIVES OF THE STUDY

1. To compare the English vocabulary of girls and boys of class VIIth.
2. To compare the English vocabulary of government school students and private school students.
3. To study the impact of caste in to English vocabulary of class VIIth students.
4. To study the effect of parent's income in to English vocabulary of class VIIth students.
5. To study the effect of parent's occupation in to English vocabulary of class VIIth students.
6. To study the effect of family size into English vocabulary of class VIIth students.
7. To study the effect of parent's education into English vocabulary of class VIIth students.

3.3 HYPOTHESIS

In present study researchers has formulated seven null hypothesis which to be tested statistically.

Hypothesis 1	Gender has no significant effect on English vocabulary
Hypothesis 2	There is no significant difference of English vocabulary between government school students and private school students
Hypothesis 3	Caste has no significant effect on English vocabulary
Hypothesis 4	Parents occupation has no significant effect on English vocabulary
Hypothesis 5	Parents income has no significant effect on English vocabulary
Hypothesis 6	Family size has no significant effect on English vocabulary
Hypothesis 7	Parents education has no significant effect on English vocabulary.

3.4 VARIABLES

Independent Variable

1. Gender Girls and boys
2. School Samples are taken from goverment schools and private schools
3. Caste Samples are taken from the population of four caste tha is :
 - General
 - Schedule Caste
 - Schedule Tribe
 - Other Backward Classes
4. Parent's Occupation To study this variable parents occupation has been categorised in to four categories
 1. Service class
 2. Business class
 3. Agriculture class
 4. Labour class
5. Parents income This variable is divided into three categories
 1. Higher income

2. Middle income

3. Lower income

6. Family size

Student's family size is also taken as an independent variable which is again divided into three categories

1. Small family Total No. 4

2. Middle size 4 to 6

3. Large size 6 and above members

7. Parent's Education

Parents' education is also studied in two categories

1. Literate

2. Illiterate

Dependent Variable

In present study only English vocabulary has been taken as a dependent variable

3.5 SAMPLE

In present study population is all students of class VIIth and from the population of class VIIth students a sample of 150 students from four schools are selected purposely that are as follows :

S.No.	School Name	Type of School	Girls	Boys	Total
1.	Nutan Subhash Govt. School, Bhopal	Boys		42	42
2.	Sarojini Naidu Girls School, Bhopal	Girls	38		38
3.	Sardar Patel Govt. School, Bhopal	Co-ed	29	16	45
4.	Arya Samaj Public School, Bhopal	Co-ed	25		25
					150

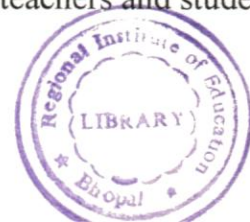
Total 150 students of class VIIth

3.6 TOOLS AND TECHNIQUES

In present study, researcher has developed two tools to yield quantitative measures:-

1. Questionnaire Questionnaire is used to collect information regarding independent variable.
2. Test A group test of selected English vocabulary items has been developed on the basis of class VIIth English Reader Book of M.P. Govt.

To develop the test for English vocabulary, researcher has made deep study of class VIth English Reader Book and has also interviewed some teachers and student



of class VIIth.

Finally keeping in mind the view of teachers and students and objectives of the study test has been developed and to verify the validity and reliability of test research has also conducted a pilot test from the small sample of class VIIth students.

This test of English vocabulary contains 100 vocabulary items in which 4 Noun, 22 Verbs, 24 Adjective and 7 Adverbs Pronoun and Conjunction has been taken to make a integrated study of effect of various independent variable into knowledge o Noun, Verb and Adjective.

3.7 STATISTICS USED

Parametric statistics has been used to test hypothesis.

- t - test is applied for the independent variable which have two groups.
- f - test (analysis of variance is applied for the independent variables which have more then two groups.)