



FAMILY CLIMATE AND ACADEMIC ACHIEVEMENT OF SECONDARY SCHOOL STUDENTS

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ABSTRACT

The present study was chalked out to study Family Climate and Academic Achievement among Secondary School Students . The investigators have adopted normative survey method for the present study. A sample of 300 students from secondary schools was selected by random sampling technique. Family Climate questionnaire developed and validated by the researcher was used in the study. Academic Achievement scores obtained from the school by the student was used for this study. For the analysis of data, the descriptive statistics like mean, standard deviation and 't'-test was employed. The findings revealed that no significant difference was found in the Family Climate and academic achievement among students in relation to gender, Locality , Types of Institutions and Medium of Instructions. There is a significant relations between Family Climate and academic achievement of secondary school students.

KEY WORD: Family Climate, Academic Achievement, Secondary school

INTRODUCTION

The influence of the **family educational climate** is specified by the value and the style of help that children receive from the family; this is unswayable by elements of the family context, like the dynamic of liaison and propelling relationships, attitudes towards values, expectations, etc. The educational condition attributed to the family is vastitude all doubt or discussion, as there is an ever-increasing sensation of the importance of the parents' role in the progress and educational minutiae of their children. Family preliminaries the most important and most weighty factor in determining the wonk performance attained by the student. Among family factors of greatest influence are social matriculation variables and the educational and family environment.

Academic achievement is the extent to which a student, teacher or institution has achieved their short or long-term educational goals. Wonk victory is wontedly measured through examinations or continuous assessment. As students may come from variegated cultural preliminaries and undergo variegated learning environment, it is important to identify the learning styles of students so that to modernize the overall outcome of the wonk performance among the students. Being worldly-wise to understand the students learning styles and its effect towards wonk victory is then therefore important to the teachers to help the students improving the wonk achievement

Secondary school students here mean students studying IX standard in state board level

REVIEW OF RELATED LITERATURE

J.M.Muola [2010], carried out a study on the relationship between achievement motivation and home environment among pupils of standard eight. The study was carried out on 235 pupils from six



urban and rural primary schools randomly selected from Machakos district. Two questionnaires, the simple profile and home environment were used to provide information on the pupils' levels of academic motivation and home environment. A significant positive relationship was found between six of the home environmental factors and achievement motivation. Although, these correlations were low, showed that pupils' achievement motivation to do well in academic work was to some extent dependent on the nature of their home environment.

Akomolafe, M. Jude [2011], investigated the impact of family type on secondary school students' academic performance. Three hundred senior secondary school students were randomly chosen as the sample of the study. Proportionate stratified random sampling technique was adopted. The demographic questionnaire was used to collect respondents' bio-data while their promotion examination results were used as a measure of academic performance. Three hypotheses were raised and tested at 0.05 level of significance. Analysis of Variance and t-test analysis were used to analyze the data. The results showed that family type significantly influenced academic performance of secondary school students. The study also revealed that parents should be given adequate training on how best they can assist their children to attain maximum success.

STATEMENT OF THE PROBLEM:

The present study is **"Family Climate and Academic Achievement of Secondary school Students"**

NEED AND IMPORTANCE OF THE STUDY

The purpose of this study was to compare the school experiences and cognitive abilities of Secondary school students based on their family climate, which leads to the academic achievements, in the present situation families become more mechanistic in the social approach. Parents keep their kids away in the name of study, Family security, is the factor influencing on their academic achievement.

OBJECTIVES OF THE STUDY

1. To find out the level of Family Climate and Academic achievement of secondary school students.
2. To study the difference in Family Climate with respect to Gender, Locality, Types of Institutions and Medium of Instructions
3. To study the difference in Academic Achievement with respect to Gender, Locality, Types of Institutions and Medium of Instructions
4. To find out the relationship between Family Climate and Academic Achievement of secondary school students.
5. To find out the relationship between Family Climate and Academic achievement of secondary school students with respect to Gender, Locality, Types of Institutions and Medium of Instructions

HYPOTHESES:

1. There is no significant difference in Family Climate of secondary school students with respect to Gender, Locality, Types of Institutions and Medium of Instructions
2. No significant difference in Academic Achievement of secondary school students with respect to Gender, Locality, Types of Institutions and Medium of Instructions
3. There is significant relationship between Family Climate and Academic Achievement of secondary school students.
4. There is significant relationship between Family Climate and Academic Achievement of secondary school students with respect to Gender, Locality, Types of Institutions and Medium of Instructions

METHODOLOGY OF RESEARCH:

The study will adopt a Normative Survey Method. The variables studied are the Family Climate and Academic Achievement.

POPULATION:

IX Standard students of secondary school in Sivagangai Educational District.

SAMPLE:

The sample consists of 300 IX standard students from both Government Aided and Matriculation schools in Sivagangai Educational District, Tamilnadu.

TOOLS:

1. Family Climate questionnaire developed and validated by the researcher will be used for the study
2. Academic Achievement scores obtained from the school by the student is to be used for this study.

DATA ANALYSIS:

The data collected for the variables will be analyzed by using Descriptive Analysis and Inferential Analysis. Under Inferential Analysis Differential Analysis and Correlation Analysis will be used.

DESCRIPTIVE ANALYSIS**Table -1**

Showing the Mean, and S.D of Family Climate of secondary school students with respect to Gender, Types of school, Locality and Medium of Instruction

Variables	N	Mean	SD
Family Climate	300	69.95	11.35
Boys	163	70.82	11.70
Girls	137	69.11	10.61
Government	100	68.92	13.33
Aided	100	71.55	10.25
Matriculation	100	69.37	10.11
Rural	150	69.91	11.15
Urban	150	69.98	11.58
Tamil Medium	200	70.23	11.93
English Medium	100	69.37	10.11

Table -2

Showing the Mean, and S.D of Academic Achievement of secondary school students with respect to Gender, Types of school, Locality and Medium of Instruction

Variables	N	Mean	SD
Academic Achievement	300	366.57	47.54
Boys	163	365.73	46.81
Girls	137	367.56	48.52
Government	100	358.11	46.90
Aided	100	368	49.52
Matriculation	100	373.6	45.24
Rural	150	360.48	46.76
Urban	150	372.66	47.67
Tamil Medium	200	363.05	48.36
English Medium	100	373.6	45.24

DIFFERENTIAL ANALYSIS

Table -3

Showing the Mean, S.D and 't' values of Family Climate of secondary school students with respect to Gender, Types of school, Locality and Medium of Instruction

Variables	N	Mean	SD	't'	's'
Boys	163	70.82	11.70	.0.0001	NS
Girls	137	69.11	10.61		
Government	100	68.92	13.33	0.119	NS
Aided	100	71.55	10.25		
Government	100	68.92	13.33	0.788	NS
Matriculation	100	69.37	10.11		
Aided	100	71.55	10.25	1.63	NS
Matriculation	100	69.37	10.11		
Rural	150	69.91	11.15	0.96	NS
Urban	150	69.98	11.58		
Tamil Medium	200	70.23	11.93	0.512	NS
English Medium	100	69.37	10.11		

Table -4

Showing the Mean, S.D and 't' values of Academic Achievement of secondary school students with respect to Gender, Types of school, Locality and Medium of Instruction

Variables	N	Mean	SD	't'	's'
Boys	163	365.73	46.81	0.739	NS
Girls	137	367.56	48.52		
Government	100	358.11	46.90	0.148	NS
Aided	100	368	49.52		
Government	100	358.11	46.90	0.404	NS
Matriculation	100	373.6	45.24		
Aided	100	368	49.52	0.018	NS
Matriculation	100	373.6	45.24		
Rural	150	360.48	46.76	0.026	NS
Urban	150	372.66	47.67		
Tamil Medium	200	363.05	48.36	0.064	NS
English Medium	100	373.6	45.24		

Table -5
Showing a relationship between Family Climate and Academic Achievement

Variables	N	r	p
Family Climate and Academic Achievement	300	0.0826	S
Boys	163	0.139	S
Girls	137	0.051	NS
Government	100	0.0954	NS
Aided	100	0.144	S
Matriculation	100	0.0073	NS
Rural	150	0.0624	NS
Urban	150	0.123	S
Tamil Medium	200	0.131	S
English Medium	100	0.007	NS

FINDINGS

DESCRIPTIVE ANALYSIS:

FAMILY CLIMATE:

- The level of Family climate of secondary school students seems to be high level. Mean score of boys' Family climate is greater than the girl's students.
- The students studying in Aided schools are at a higher level than the students studying in Government schools with respect to Family climate.
- The students studying in matriculation schools are at a higher level than the students studying in Government schools with respect to Family climate.
- The students studying in Aided schools are at a higher level than the students studying in Matriculation schools with respect to Family climate.
- Mean score of urban school students Family climate is greater than the rural schools students.
- Mean score of Tamil medium school students Family climate is greater than the English medium schools students.

ACADEMIC ACHIEVEMENT

- The level of Academic Achievement of secondary school students seems to be high level.
- Mean score of girls' Academic Achievement is greater than the boys students.
- The students studying in Aided schools are at a higher level than the students studying in Government schools with respect to Academic achievement.
- The students studying in matriculation schools are at a higher level than the students studying in Government schools with respect to Academic achievement.
- The students studying in Aided schools are at a higher level than the students studying in Matriculation schools with respect to Academic achievement.
- Mean score of urban school students Academic Achievement is greater than the rural schools students.
- Mean score of English medium school students Academic Achievement is greater than the Tamil medium schools students.

DIFFERENTIAL ANALYSIS

FAMILY CLIMATE:

- ✓ There is significant difference between boys and girls with respect to Family climate among secondary school students.

- ✓ There is no significant difference between Government and Aided with respect to Family climate among secondary school students.
- ✓ There is no significant difference between Government and matriculation with respect to Family climate among secondary school students.
- ✓ There is no significant difference between Aided and matriculation with respect to Family climate among secondary school students.
- ✓ There is no significant difference between rural and urban school with respect to Family climate among secondary school students
- ✓ There is no significant difference between Tamil and English Medium school with respect to Family climate among secondary school students.

ACADEMIC ACHIEVEMENT:

- ✓ There is no significant difference between boys and girls with respect to Academic Achievement among secondary school students.
- ✓ There is no significant difference between Government and Aided with respect to Academic Achievement among secondary school students.
- ✓ There is no significant difference between Government and matriculation with respect to Academic Achievement among secondary school students.
- ✓ There is no significant difference between Aided and matriculation with respect to Academic Achievement among secondary school students.
- ✓ There is no significant difference between rural and urban school with respect to Academic Achievement among secondary school students.
- ✓ There is no significant difference between Tamil and English Medium school with respect to Academic Achievement among secondary school students.

CORRELATION ANALYSIS:

- There is no significant relationship between Family climate and Academic achievement of secondary school students.
- There is positive significant relationship between Family Climate and Academic achievement with respect to boys , Aided, Urban and Tamil medium of secondary school students.
- No significant relations exists on Girls, Matriculation, Rural and English medium secondary school students with respect to Family Climate and Academic Achievement.

DELIMITATIONS OF THE STUDY:

- Delimitation are those conditions that can be controlled by the investigator during the research.
- The study deals with IX standard students only.
- This study is limited to schools located only in sivagangai district.

SUGGESTION FOR THE FURTHER RESEARCH:

- The investigator has offered the following suggestions for further study.
- Influence of family support of secondary level students.
- Effect of the family support on the academic achievement of the secondary level students.
- .Effect of family constrains and learning difficulties of the rural girls students.
- . A comparative study of family climate and academic achievement.
- .A comparative study of family climate and academic achievement.
- .A comparative study on the family climate and rural urban areas.

CONCLUSION:

From the above findings , it is concluded that there is no significant difference in Family Climate and Academic Achievement of Secondary School Students. And also there is a significant relationship among the variables Family Climate and Academic Achievement of Secondary School Students in Sivagangai Educational District.

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