



EFFECT OF HOME ENVIRONMENT ON ACADEMIC ACHIEVEMENT OF SENIOR SECONDARY SCHOOLS ON STUDENTS IN HARYANA

Dr Devender

Assistant Professor in Pedagogy of Commerce

Smt. Santra Devi College of Education, V.P.O. Samaspur, Charkhi Dadri, (Haryana).

Abstract

Home is the primary societal unit. Family relationships play an important role in an individual's life pattern from early childhood through adulthood. Much of an individual's personality patterning originates at home. The present study aim to examine the effect of home environment on academic achievement of the senior secondary school students. The finding of the study reveals that there was significant effect of home environment on the achievement of students of senior secondary school on students in haryana.

INTRODUCTION:

During the past few decades home environment had been identified as being a contributing factor in a child's educational, cognitive and affective development. Crow and Crow (1965) describes that home is the primary societal unit. Family relationships play an important role in an individual's life pattern from early childhood through adulthood. Much of an individual's personality patterning originates at home. Not only does the child inherit certain family potentialities, but during his developing years, his attitudes, beliefs, ideals and overt behavior reflects the influences on him of home experiences and home environment on the achievement of students of senior secondary school on students.

DEFINITION OF KEY WORDS

Home Environment

Parish, Dostal & Parish (1981) state that the environment of the home in which a child is reared can advance or hinder wholesome personality adjustment home environment.

Family

Clausen (1966) says that the family, has a definable composition and a reasonably stable organization of joint activities, role relationships and definite values and goals in family"

Socioeconomic Status

(Orr & Dinur,1995; Adler et al.1994; Ornstein & Levin, 1993).describe that socioeconomic status refers to the family's socioeconomic state; parent's education, fathers occupations, income and housing value, servant facility, transport and material facilities at home environment.

Achievement:

Achievement refers to students' academic achievement scores on Senior Secondary School 12th annual examination of the Board of school Education, Haryana.

REVIEW OF RELATED LITERATURE:

Parish, Dostal & Parish (1981) state that the environment of the home in which a child is reared can advance or hinder wholesome personality adjustment. Family relationships also determine in large measure the young person's developing attitudes toward home and family life. Forsstrom-Cohen & Rosenbourn (1985) describe that one of the most important influences upon the adolescent is the emotional climate of the family. Some families evidence a prevailing mood of gaiety, joy, optimism and happiness. Other families reflect a climate of fear, depression, cynicism, and hostility, which has a negative effect on children home environment on the achievement of students of senior secondary school on students

Barnard, Bee and Hammond (1984); and Siegel (1984) reported a positive relationship between SES and home environment. They found that the children belonging to families of higher socioeconomic class receive an intellectually more beneficial home environment on the achievement of students of senior secondary school on students.

OBJECTIVE:

The aim of the present study was to examine the effect of home environment on academic achievement of the students of senior secondary school on students in haryana.

HYPOTHESIS:

There is no significant effect of home environment on students achievement of the students of senior secondary school on students in haryana.

SAMPLE:

Sample of the study comprise 724 students of class 12th from different school in Haryana.

SAMPLING TECHNIQUE:

Cluster sampling technique was used for the selection of the sample of the study. The information about achievement score of students was collected from the Result Gazette of the Board of school Education Haryana for the senior secondary 12th Annual Examination.

STATSTICAL TECHNIQUE:

Analysis of variance (ANOVA) and t-test were used to test the hypotheses of the study was to examine the effect of home environment on academic achievement of the students of senior secondary school on students in Haryana.

TABLE 1

Descriptive statistics for effect of home environment on students' Achievement of the students of senior secondary school on students in haryana.

Home Environment Group	N	Mean	Std. Deviation	Std. Error
Higher	242	330.5826	55.14405	3.54479
Middle	247	3000.4130	60.03820	3.82014
Lower	235	280.3362	61.56660	4.01616
Total	724	303.9807	62.36820	2.31790

TABLE 1A

Univariate Analysis of Variance for effect of home environment on students' achievement of the students of senior secondary school on students in haryana.

Source of Variance	Sum of square	Df	Mean Square	F Sig.
Between Group	305778.56	2	152889.28	43.9
Within Group	2506541.2		7213476.4	
Total	2812319.7			

Table 1 presents the data about means of achievement score on the basis of home environment of the students of senior secondary school on students in haryana. The highest mean (330.58) was found for subjects who belonged to higher home environment group, and the lowest mean (280.33) was for those subjects who belonged to lower home environment group.

Table 1a presents the summary of univariate analysis of variance, which shows that p value (0.000) is less than 0.05 and the null hypothesis stating that there is no significant effect of home environment on the achievement of students is rejected at 0.05 level of significance. Thus a significant effect of home environment was found on students' achievement of the students of senior secondary school on students in haryana.

As the results were significant, it was decided to run LSD Post Hoc Test of multiple comparisons. However, only significant mean differences are presented here which contribute the most in making the results significant of the students of senior secondary school on students in haryana.

TABLE 1 B

LSD POST HOC Test of Multiple comparisons regarding home environment on students' achievement of the students of senior secondary school on students in haryana.

Comparison	Mean Difference	Significance
Lower Vs Higher	-50.24	.000
Lower Vs Middle	-20.07	.000
Middle Vs Higher	-30.16	.000

It was concluded from the LSD Post Hoc Test that there was a significant difference in the achievement of the students of senior secondary school on students in haryana. This hypothesis was tested by applying one way ANOVA

CONCLUSION

There was significant effect of home environment on the achievement of the students of senior secondary school on students in haryana. So the null hypothesis that there is no significant effect of home environment on students' achievement of the students of senior secondary school on students in haryana.

References

- Adaval, S.B., Kakkar, Aggrawal and Gupta.(1961). Causes of Failure in High School Examination. Allahabad University. Deptt. Of Education.
- Baranowski, M. D. (1982). Grandparent-adolescent relationship: Beyond the nuclear family. *Adolescence*, 17, 575-584. Barber, B. K., Olsen, J. E.
- Davis, A. :(1944). Socialization and adolescent personality. *Nat. Soc. Stud. Educ.*, I, 198-216
- Davis, A., and Havighurst, R. J.: (1946). Social class and color differences in child rearing. *Amer.Social. Rev.*, 17, 698-710
- Freud, S. (1938). *The basic writing of Sigmund Freud* (A. A. Brill, Ed. and Trans.). New York: Modern Library.
- Gill, S., & Reynolds, A.J. (1999), Educational expectations and school achievement of Urban African American Children. *Journal of School Psychology*, 37, 403- 424.
- Hill, J. P. (1987). Research on adolescents and their families. In C. E. Irwin (Eds.), *Adolescent social behavior and health* (Vol.13, pp. 13-31). San Francisco: Jossey-Bass.
- Kohn, Melvin L (1977), *Class and Conformity: A study in values*. Homewood, 111: Dorsey Press.
- Lanyon, R.L. (1984). Personality assesment. *Annual Rewiew of Psychology*. 35,(57- 58, 667-701, {13})
- Patten P. (2000). How parents and press influence children's school success. NPIN Parents News for September-October 2000 of interest. Site: npin-org / p news / 2000.
- Rachlin, H. (1976). *Introduction to modern behaviorism* (2nd ed.). San Francisco: W. H. Freeman
- Saito, L. T. (1999). Socio-cultural factors in the educational achievement of Vietnamese American high school students. *Dissertation Abstracts International*, 60, (08), 2802.
- Tupes , C., & Christal, R. E. (1958). Stability of personality trait rating factors obtained under diverse conditions. USAF WADC Technical Note, No.58-61

Tupes , C., & Christal, R. E. (1961). Recurrent personality factors based on trait ratings. USAF ASD Technical Report, No. 61-67

Marriage and the Family, 58, 155-166

Vandell, D. L., Minnett, A. M., & Santrock, J. W. (1987). Age differences in sibling relationships during middle childhood. *Journal of Applied Developmental Psychology*, 8, 247-257.

Wachs, T. D. (1989). The nature of the physical micro- environment: An expanded classification system. *Merril Palmer Quarterly*, 35, 399-40.

