

PARENTAL COGNITIVE STIMULATION OF 5TH GRADE STUDENTS IN RELATION TO THEIR ACADEMIC ACHIEVEMENT

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ABSTRACT

The Present Study aims to explore Parental Cognitive Stimulation of 5th grade students in relation to their Academic Achievement. The present study has provided the research based results and will help the parents, teachers and student to understand that how parental cognitive stimulation can play a positive role in the better academic achievement of primary students. Sample of 100 children and parents of 5th grade children were selected for the present study. To assess high and low parental cognitive stimulation the parental cognitive stimulation scale prepared by S. K. Bawa and Husanpreet was used. Mean, SD and Correlation were used for analysis of data. From the analysis it was concluded that There exists significant relationship between parental Cognitive Stimulation and Academic Achievement of 5th grade private school boys and girls .There exists significant relationship between Parental Cognitive Stimulation and Academic Achievement of 5th grade Government school boys and girls.

Keywords: Parental Cognitive Stimulation, 5th grade students, Academic Achievement.

INTRODUCTION

Education is as old as human race. In real sense, it is the process to humanize people and to make life progressive, cultured and civilized. Quality education is the focus of overall education system. By quality education we mean the education that provides skill, proficiency and desired knowledge to respond effectively to growing challenges of society. It is also the source of enlightenment for person and provides him grounds for his overall development. Each individual has his own characteristic for collecting and organizing information into useful knowledge and their application in education. Education plays an important role in the life of an individual at every stage but also in deterring his status in the society and academic achievement is the important goal of education in case of students; knowledge, attainment and skill acquired in school students is judged with the help of examination which can be teacher made or standardized tests. A good academic record leads to a better future prospects. So, it is very important for a person to have a good academic profile. Academic achievement also boosts the confidence and morale of a person to face the life problems and helps in developing a well adjusted personality.

Academic achievement is a measure of knowledge, understanding of skill in a specified subject or group of subjects it refers to the achievement in a separate subject or total scores of several subjects combined. It is concerned with the quantity and quality of learning attained in a subject or group of subject after a period of introduction. It usually designated by the test score or marks assigned by the teacher. Assessments of academic achievement help both the students and the teachers to know where they stand.

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Parent involvement typically involves parents' behaviors in home and school settings meant to support their children's educational progress. Measures of parent involvement commonly include the quality and frequency of communication with teachers as well as participation in school functions and activities. Parent involvement also characterizes parents' values and attitudes regarding education and the aspirations they hold for their children. Although values and attitudes may not directly influence academic outcomes, they may enhance academic achievement indirectly by promoting children's motivation and persistence in challenging educational tasks.

High parental cognitive stimulation means high recognition, comprehension memory and thinking by parents that influence child's outcomes and activities. High parental cognitive stimulation generally has a positive effect on children's behaviour. Emotional support includes parents and children interaction between them i.e. parents talking to the children while working and parents discipline children without spanking. It is identified that there are four benefits of high parental cognitive stimulation in children's lives. These include parental nurturing, physical protection, material support and transmission of cultural knowledge and ways of behaving that are needed for the child to be successful for a society. Low parental cognitive stimulation means low recognition, comprehension memory and thinking by parents that influence child's outcomes and activities negatively. Parents heaving low cognitive stimulation neglect their children and parent's negligence make child, unresponsive and defensive. Low parental cognitive stimulation leads the children towards frustration and the illness psychological as well as physical. It is argued that low parental cognitive stimulation influences the children's attitude pessimistically. Parental cognitive stimulation refers to a relationship that is established between children and his parents though material communication and interaction. It has several dimensions acceptance, rejection, encouragement, discouragement and reward, punishment. Parental encouragement means an attitude on the part of the parents which is characterised by keen interest in love and affection for the child. Children keep communication channels open and listen with open mind the child's side of a problem where there is a conflict. On the other side of coin, a discouraging parent who does not appreciate the child instead emphasizing on his faults and defects and has no faith in him. These parents create a home atmosphere of rapport and democratic attitude where in no one member dominates or is given due attention. Rejecting parents are mostly the product of disturbed home environment. Parents can stimulate cognitive development by taking an interest in the children's learning by believing in the child by establishing a cognitively rich environment. Parents' cognition about their role has been identified as a major contributor to their willingness

STATEMENT OF THE PROBLEM

"TO STUDY PARENTAL COGNITIVE STIMULATION OF 5TH GRADE STUDENTS IN RELATION TO THEIR ACADEMIC ACHIEVEMENT."

OPERATIONAL DEFINITIONS

Parental cognitive stimulation Parental Cognitive stimulation is the total encouragement, assistance or support given by parents to enhance the mental growth of a child. It is the encouragement provided by the parents to develop the child's mental abilities in form of reading, writing and using computers or other technologies and so on. It is focused on the forms of parents' aspirations concerning their children's future.

Academic achievement Academic achievement is measure of knowledge understanding of skills in a specified subject or group of subjects. It is the extent to which the learner is profiting from instruction in the given area of learning i.e. achievement is reflected by the extent to which skill or knowledge has been acquired by a person though the training imparted to him.

OBJECTIVES

The investigator formulated the following objectives keeping in mind the significance of the problem and the research work already done in the area.

1. To study the relationship between parental cognitive stimulation and academic achievement of 5th grade private school boys.
2. To study the relationship between parental cognitive stimulation and academic achievement of 5th grade private school girls.
3. To study the relationship between parental cognitive stimulation and academic achievement of 5th grade Government school boys.
4. To study the relationship between parental cognitive stimulation and academic achievement of 5th grade Government school girls.
5. To compare the academic achievement of 5th grade boys with parents exhibiting low and high cognitive stimulation.
6. To compare the academic achievement of 5th grade girls with parents exhibiting low and high cognitive stimulation.

HYOPTHESIS

1. There is no significant relation between parental cognitive stimulation and academic achievement of 5th grade private school boys.
2. There is no significant relation between parental cognitive stimulation and academic achievement of 5th grade private school girls.
3. There is no significant relation between parental cognitive stimulation and academic achievement of 5th grade Government school boys.
4. There is no significant relation between parental cognitive stimulation and academic achievement of 5th grade Government school girls.
5. There is no significant difference between academic achievement of 5th grade boys with parents exhibiting low and high cognitive stimulation.
6. There is no significant difference between academic achievement of 5th grade girls with parents exhibiting low and high cognitive stimulation.

SIGNIFICANCE OF THE PROBLEM

Parental influence is still one of the greatest factors in determining the ways in which the child will grow and develop. One of the most important jobs of parents is to help their children to uncover and nurture their unique gifts by providing children with a variety of experiences. The type of stimulation provided by the family members leave a long-lasting impression on the child's mind. Stages of development are filled with many physical, cognitive, social, and emotional changes. At the same time, the increase in academic demands and the complexity of the school structure make the task of academic success for adolescents even more difficult. The parental cognitive stimulation is also one of the main factors that affect the academic achievement of students and there by influencing his future academic achievement. The encouraging attitude of parents is a strong stimulus for developing their interest in learning and way of thinking. The parental encouragement is more than praise. By stimulating the children parents' express faith in children as they are. It further becomes the backbone

of an individual's future life. Stimulation should go on throughout life. Stimulation provided by parents is of great significance in developing the psychological and academic behaviour of the child. The parents because of experience, training and education can give much active assistance to the child in his better mental development. Parents play a vital role in directing the child in providing healthy learning experience. These But a very few studies has yet been carried out regarding to the parental cognitive stimulation. The present study will provide the research based results and would help the parents, teachers and student to understand that how parental cognitive stimulation can play a positive role in the better academic achievement of primary students.

SAMPLING PROCEDURE

The study was conducted on 5th grade students and the parents of these children. Thus, it necessitated to collect data from the parents of these children. The data were collected from Ludhiana, district of Punjab. The children who were in the age group of 8-12yrs were the respondents of the present study. The investigator selected sample of 100 children and parents of these children.

SAMPLE OF THE STUDY

Sampling is that statistical method which is a miniature picture or a cross section of the entire group or aggregate from which sample is taken. In other word a sample is the true picture of the universal which possesses all the characteristics of the universal. The present study required collection of the data for three variables from five districts of Punjab. To make the data representative to the different districts of the Punjab, stratified random sampling technique was applied. The data were collected from each stratum on random basis.

In the present study ,random sampling method was used as it happened to be most convenient under prevailing circumstances. The sample of the present study comprised of 100 adolescent students of Ludhiana district.

DELIMITATIONS

- 1) The study was delimited to 100 students of only.
- 2) Only 5th grade students were selected for the study.
- 3) The study was delimited to the school of Ludhiana district only.

STATISTICAL TECHNIQUES USED

To test the significance of the variables under study, various statistical techniques i.e. Mean, SD, t -test, Correlation were applied.

CONCLUSIONS

1. There exists significant relationship between parental Cognitive Stimulation and Academic Achievement of 5Th grade private school boys.
2. There exists significant relationship parental Cognitive Stimulation and Academic Achievement of 5Th grade private school girls.
3. There exists significant relationship between Parental Cognitive Stimulation and Academic Achievement of 5Th grade Government school boys.
4. There exists significant relationship between Parental Cognitive Stimulation and Academic Achievement of 5Th grade Government school girls.
5. There exists significant difference in academic achievement of 5Th grade boys with parents exhibiting low and high Parental Cognitive Stimulation

6. There exists significant difference in academic achievement of 5th grade girls with parents exhibiting low and high Parental Cognitive Stimulation.

SUGGESTION FOR FURTHER STUDY

The studies may be conducted in future on the aspects of the present problems.

1. The study may be conducted on B.Ed students.
2. The study may be conducted on students of degree colleges.
3. The research work may be replicated on wider sample.
4. The study may be conducted on comparison of the adolescent students of different district.
5. It is suggested that similar investigation may be extended to different age group which may reveal different results.
6. The study of Parental Cognitive Stimulation can also be carried out in relation to career values, mental health, spiritual intelligence and happiness of students.

REFERENCES

- Biswas A & Aggarwal J.C. (1971) Encyclopedic Dictionary and Directory of Education. The Academic Publishers (India) Karolbagh. New Delhi.
- Crow, L.D. and Crow., (1961). Adolescent development and adjustment, Mc Grow –Hill Book Company, United States.
- Deslandes, R; Royer, E.; Turcotte, D. and Bertrand, R. (1997). School Achievement at the Secondary Level: Influence of Parenting Style and Parent Involvement in Schooling. *Journal of Education*, 32(3), 191-207.
- Good, C. V. (1959). Dictionary of Education, New York: Pleasure Hill Boom Co. Inc.
- Hickman (2000). Influence of Parenting Styles on the Adjustment and Academic Achievement of Traditional College Freshmen. *Journal of College Student Development*, 41(1), 41-54.
- Hickman (2001). The Differential Influence of Authoritative Parenting on the Initial Adjustment of Male and Female Traditional College Freshmen. *Journal of the First-Year Experience and Student in Transition*, 13(1).
- Inge, B. Wissink (2006). Parenting Behaviour Quality of the Parent Adolescent Relationship and Adolescent Functioning in Four Ethnic Groups. *The Journal of Early Adolescence* , 26(2) 133-159.
- Kauppi (2005) Parenting Style and Academic Achievement for East Indian and Canadian Adolescents. *Journal of Comparative Family Studies*, September.
- Parker and Jda (2001). The Relationship between Emotional Intelligence and Alexithymia, Personality and Individual Difference, 1, 107-105.
- Rebecca, p. Ang (2005). Parenting Styles and Adolescents Adjustment to Self-Perception and Relationships. *Social Service*, 2, 1-3.
- Trow, W.C. (1967). Psychology in Teaching and Learning, Boston : Youghton Mifflin. Co.