

Study the Relationship between Job areas (background, certificate(degree), Field of study) of the Teachers with academic failure of the Students in the Sixth grade of the Elementary School in Boroujerd

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Abstract: The purpose of this study was to investigate the Relationship between Job areas (background, certificate(degree), Field of study) of the Teachers with academic failure of the Students in the Sixth grade of the Elementary School in Boroujerd.. The statistical population of this study included all teachers and pupils in the sixth grade of primary school in the year of 2015-16 in urban society of Bojnourd . The number of students in the sixth grade of Bojnourd was about 3679 and the number of teachers in this grade was 104. The sample size for teachers was 86 and for the students was 351. Then , A questionnaire about the class management style was distributed among teachers. In order to measure academic failure, the grades of mathematics and experimental sciences of each class were taken at the end of the questionnaire. The results of this study show that there is a significant relationship between Job areas (background, certificate(degree), Field of study) of the Teachers and academic failure of the Students in the Sixth grade of the Elementary School which in its role it can cause increasing or decreasing of student's academic underachievement

Key words: academic failure, teachers' job areas

INTRODUCTION

The mission of the teaching process is to teach students who are able to learn; hence, all efforts of the teacher emphasized on this fundamental activity. Nowadays, new methods have been proposed to teach based on educational theories and researches by which the teacher can lead the process more easily and successfully toward achieving educational goals ;But the success and effectiveness of these methods requires the availability of appropriate classroom conditions; in other word, it means providing a satisfactory level of peacefulness; accepting and accompanying students with a teacher. According to the idea of most of the teachers, if the behavioral problems occur abundantly in the classroom, communication is disrupted in the teaching process, and they are unable to train, and besides ,students will not be able to learn. More importantly, even if the teachers have good teaching skills; Again, they scared of beginning ill-treatment by students.(11)

The statistics from the researches in the schools of our country indicate that the academic underachievement such as flunk (being rejected) , Early school dropout, or other forms, only cause wasting a large amount of financial resources and human talents in the society besides it leaves many bad effects in the society(10) . In the recent years, there have been few studies at the university or ministry of education about the causes of academic failure. In this regard, the present study attempts to investigate the relationship between the style of interactive management of the teacher and academic failure of students in sixth grade of elementary school in Boroujerd.

Each year, a great budget of the country is spent on education. and the largest specialists of the country work in organization of education .after universities, in terms of the quality and expertise of the human resources, the most professional force is belonged to this organization. Each year, millions of people in a community spend their most important hours of their lives in schools, and the products of this system are supposed as the maker of any country's future. Therefore, the discussions about its effectiveness and its efficiency have particular importance. Apart from what mentioned above, the cost of learner's learning opportunities lost in this organization, unlike other organizations, unfortunately cannot be compensated.

The basis for the political, economic, social and cultural development in any country is the education system of that country, although the impact of the above factors on education cannot be ignored, but the influence of education on growth and development of countries and the mentioned cases are undeniable.

Literature and research background

Academic failure

By academic failure ,we mean reduction of academic and educational(training) performance of students from a satisfactory level to an Undesirable one(7) .

The term, decline or loss in education has been taken from the language of economists. If the final product of this organization is human resources, the term of loss or decline refer to that part of capital and raw materials that have not yielded the desired result in human resource production(10). The academic failure involves a number of issues such as failing, leaving school, etc. here, it means reducing the student's performance level from the satisfactory one to the unfavorable level. so that, if there is a gap between the potential and the actual talent of student, this distance indicates academic failure. The best indicator is the comparison of previous and current performance of the student. The concept of academic failure or unachievement is surely much wider and more realistic than the numbers which are being proclaimed, and that is don't use of unlimited learning capacity and the initiative of the students that are born with it, and only in the first years of their life, they will be allowed to use them. then educational systems because of their policies, programs and plans strongly weaken these abilities.(2)

Academic failure is one of the difficulties of education system , which not only threatens the material and human resources of any society, but also cause that the educated individual not be able to be fully productive. obvious indication of academic failure in school can be seen in the form of permanent absence of school, dropout of school before the due date, repetition of academic degree and being under probation ,continuously(3).academic failure of students not only waste the material and spiritual wealth of a country, but also may cause children, Adolescents(teenagers) and young people being at risk of psychological damages(4). The waste of material resources due to academic failure is included government, students, and families, so that part of the current costs and government investment will be wasted. on the other hand, the Families lose their money in such a case for paying tuition, stationery, transport, etc.(2)

Research background inside the country

Masoumi et al. (2007), in a research entitled "Study the causes of academic failure of high school students in mathematics in Khorramabad ". by using cluster sampling, among the two educational districts of Khorramabad, randomly were selected some schools which include 800 students of high school and 60 individuals of math teachers . for each group, separately, two questionnaires with 36 questions were considered. each of them include 5 options (very low, low, moderate, high, very high).every 6 question of the questionnaires dedicated for one of the research hypothesis . Research hypotheses examined the roles of teacher, student, organization, school, society and family factors in academic failure. By Xi-test, all research hypotheses were approved with 95% confidence, and by using fuzzy numbers, qualitative options were changed to quantitative ones. Therefore, the hypotheses were valued and prioritized. In the order of priority, the group (a) failure or drop out in this lesson considered as school, society, student, organization, teacher and family, and group (b) these factors, respectively can be Announced as student, school, family, society, teacher, and organization.

Elham pour (2005) in a research entitled "Factors influencing on the girls Student's academic failure in Third-grade in Ahvaz", which was conducted with the aim of identifying the important factors of academic failure in third grade of elementary school in Ahvaz in 2000-01. among all 3rd grade elementary school students in Ahvaz who were rejected al least once, ,200 students were randomly selected .to collect data we used of two measuring scale with 95 variables include the causes and the index of academic failure. . Factor analysis showed that 6 factors can be extractable. The extracted factors all to gather indicate for about 8.43 of variance in academic failure. These factors respectively in terms of variance are: problems related to teachers and teaching subjects, family issues, problems related to curriculum design, student's physical and mental health issues, general issues and educational management problems. all of the extracted factors have satisfactory reliability and validity. The correlation coefficients of six factors with the number of years of failure were significant at the expected level.

In a study entitled "study the causes of academic failure in mathematics in the first year of upper elementary school in west of Gillan" (Shahvarani et al, 2004) by selecting a sample of 100 people in two groups which the first group consist of math teachers and the second group, include managers, assistants and counselors .among these groups a closed-response questionnaire was distributed. The questionnaire consisted of 25 questions, each of 5 questions belonged to a research question. Research questions were studied the role of some factors such as organization, society, student, teacher, and school in academic failure. By using chi-squared test, all research questions were approved with 95% confidence. The dropout factors in this lesson respectively include: student, society, school, teacher and organization.

In another investigation by the name of "study the important factors of academic failure in boys' high schools in Ahwaz" (Shekarshekan et al 2000) ,in order to examine the important factors of academic failure in boys' high schools in Ahwaz, for about 400 students from the first to the fourth grade of the three major of mathematics, experimental science and literature were randomly selected. The causes and the index of

Academic failure were supposed as the scale of the questionnaire. These two questionnaires were made by researchers. In this research, four hypotheses were tested: 1. various factors resulting from the analysis with the number of student failure have simple correlation. 2. various factors resulting from the analysis with the number of re-education of students during the education time have a simple correlation. 3. various factors resulting from the analysis with the number of student rejection in educating time have multiple correlation. 4. various factors resulting from the analysis with the number of re-education(recurrent) of students during the education time have a multiple correlation. Factor analysis on the data obtained from the scale of the causes of academic failure has identified 10 factors as the most important factors of academic failure in high schools of Ahwaz.: 1. Issues related to Educational programming, 2. family and health problems, 3. Environmental problems, 4. Social-behavioral problems, 5. Issues related to Growth, 6. problems related to The exam, 7. The issues of textbooks, 8. Educational issues, 9. General problems, 10. Family disputes, among the mentioned factors, Issues related to Educational programming , problems related to The exam, The issues of textbooks, and educational issues have a low, but significant, correlation with "rejection(dropout) of students 's index. Also, the factors of family and health problems, environmental problems – institutional, educational problems, general issues and family disputes have a significant and positive correlation with the rate of students' recurrent. A multiple regression analysis revealed that only factor 6,problems related to exam, with a rejection rate of students have an independent correlation. On the other hand, factors number 2,9,8,3 refer to family and health problems , General problems, Educational issues, Environmental problems have a multiple correlation with recurrent rate of students.

Background of research abroad

Larry (1989) in the state of New Jersey in America, has done a study entitled "Student 's educational Achievement Factors". In this research, a number of successful and unsuccessful students were studied. in this study, to examine the factors which influence on the success or failure of academic achievement was considered social, emotional, family and cognitive variables from the viewpoint of students, teachers and parents.(8) the results of the study show that based on parents and teachers opinions, unsuccessful students needed to be socially and socially approved, and it seems that they were not socially accepted.

Kim (1993) in a research entitled "the study of Educational factors on student learning, the influence of their role and their importance on students' performance" . The results emphasized on the great impact of students 'characteristics and behaviors on their performance. Also, the characteristics of teachers and their academic ability, conditions and educational environment were also supposed as important factors affecting students' performance.(12)

Bowman (1992) conducted a study entitled "The motivation of young people to leave school" in the United States, the result of his study is as below.7.4 percent of students belonged to filthy rich and middle classes(wealthy) students and close to 1.3 percent of teenagers belonged to Low and middle class(on the decline)and half of young people from the lower classes dropout of school. Also, the parents' education of those who dropped out of school, were far fewer than those who graduated from high school. (5)

Zimmler Valli (1991) Examine and compare the performance of high school students in full families, single parents, and. Remarriage ones . According to the findings of this research, the difference in performance and scores of single-parent students and parents with remarriage and the students who lived in a suitable family(two parents) was completely significant.

Jatin in Washington (1990) conducted a research entitled "Studying the Parents' Role in Their Children's Educational Achievement". In this research, more pay attention to the role of those parents who have successful children in education. The researcher has studied various sources (more than 86 sources) and concluded that the parents, by using the following methods,can help their children academic achievement:

Motivating and developing attitudes

Socializing the children correctly

Providing new areas of learning

Providing structural information to solve problems

Encouraging and ascribe the success of children to their own abilities

Having high expectations for academic achievement and acquisition of important jobs.

Eccestrom et al. (1986) in a research entitled " Who is drop out of high school and why? " found that one of the main factors behind school dropout of students is having single-parent families The effect of father's absence on the educational achievement was more greater than that of the mother's (13).

Hudges (1975), a study entitled " children Not attending in school," studied the number of 110 children who did not go to school between 1973 and 1974, whose findings showed that Factors such as family income below average, the quality of housing, the presence of the father in the family and the number of family members are among the factors influencing on the absence of students at school. Half of the studied children had fathers whose mother was isolated or died, or left home for a long time, or were ill. Also, the findings

showed that the number of family members influence on not going to school. So the larger the family, the probability of school dropping out is increased.

Romain (1956) studied 84 students who deprived of father who had first come to school counselor due to academic failure. The main problem was compatibility in the case group. Like many others, Roman believed that Father was a model for improving these conditions. In Roman research, racial and socio-economic factors were not investigated.

METHODOLOGY OF THE RESEARCH

This research is supposed as a quantitative research and is considered as a practical purpose .it has a descriptive-correlation approach. In this research, the statistical population included all teachers and students of the sixth grade of elementary school who are currently studying in the city of Boroujerd in the year of 2015 to 2016. The number of boys in the 6th grade in Borujerd city is 1,892 and the number of girls was 1,687 people which totally were equal to 3,679. The number of female teachers at the sixth level was 56 and male teachers were 48 which totally were equal to 104 (Boradjerd Education Department). Sample size is obtained using Krejcie and Morgan tables. To determine the sample size for teachers, 86 individuals have been identified. The sample size of the students based on the same table is 351 individuals who were selected randomly from elementary schools. For data collection, the Dinarwand class management style questionnaire (2015) with 12 questions based on the 5-degree Likert spectrum is used. to measure academic failure of students ,the researcher used of students scores. For this purpose, the grades of mathematics and experimental sciences were obtained for each student in each class at the end of the questionnaire. In a study which is conducted by Dinarwand (2015) ,the reliability coefficient of this questionnaire is measured and is equal to /76 . to analyze data ,we used of descriptive statistics .and in order to test the hypotheses, we used of inferential statistics. On the other hand, to determine the relationship between hypotheses ,we used of Pearson correlation and linear regression. for calculating the normalization of a society, it was used of Kolmogorov–Smirnov test

Test of research hypothesis test of Normalization of data

A test of normalization should be made before any tests that are carried out with the assumption of normal data.

Table 1: the result of Kolmogorov–Smirnov test about variables of classroom management style and academic failure

Variable	Kolmogorov–Smirnov test	Significant level	situation
Job's area	.745	.253	Normal
Academic Failure	.718	.220	normal

If the significance level in the Kolmogorov-Smirnov test is greater than / 05,the data can be assumed as high normal confidence.According to the output of the Kolmogorov-Yernov test, because the meaningful level for the questionnaires is ($p > /5$), hence , it is indicated the normal distribution of the studied population.

Research Hypothesis

There is a relationship between Job areas (background, certificate(degree), Field of study) of the Teachers with academic failure of the Students

H0 : there is no relationship between Job areas (background, certificate(degree), Field of study) of the Teachers with academic failure of the Students

H1: there is a relationship between Job areas (background, certificate(degree), Field of study) of the Teachers with academic failure of the Students

The table 2 refer to the hypothesis of this research ,in which R2 is equal with .084 .sig is .005 .Beta coefficient is equal to .655the therefore it is proved that there is a relationship between Job areas (background, certificate(degree), Field of study) of the Teachers with academic failure of the Students .and this hypothesis is confirmed.

Table 2 .the regression related to hypothesis of research(the relationship between interactive style and academic failure)

Alpha	Beta coefficient	Correlation coefficient(R2)	Significant level(sig)	result	relationship
/05	/655	/084	0/005	relationship	direct

CONCLUSIONS AND SUGGESTIONS

"there is a relationship between Job areas (background, certificate(degree), Field of study) of the Teachers and academic failure of the Students " this hypothesis is confirmed.the results of this study is inconsistent with Masumi et al(2007)Kim(1993),Shekarshekan et al(2000) and also Shahvarani et al(2004) and Elhampour(2005).

Education and home ,how to spend leisure time ,job safety ,educational degree and the place of being educated ,educationa training training courses and talent are considered as the prerequisites of 'successful teachers'. The class is the place where students and teachers interact, and teaching is the main element of this interaction. To be effective in teaching, the two sides of the interaction must have a balanced life, which means that the teacher must first and foremost in terms of individual and family life don't be worry about providing basic living conditions in order to be able to live comfortably according to diverse conditions and needs of the present day. He should attends in classes so calmly that he or she will be able to handle and monitor students one by one creatively and put them correctly into education and learning process [15]. Second, professionally, based on the requirements of the advancement of science and technology, communication, personality and expectations of customers (students, parents, and society), acquire the needed knowledge and information, and, in addition to the usual teaching methods that is more pay attention to lecture And Teacher- centered class, , also use an active, team and student-centered approach in his classes. Also Akbari (2005) and Hammund achieved similar results in their research. According to the fact that teachers 'career fields affect the students' academic failure, it is suggested that in employing of them ,pay attention to these matters and teachers with appropriate academic disciplines and higher education levels are employed. It can also reduce the academic failure of the students by providing the necessary training and transferring of information from experienced teachers to rooky(inexperienced) ones.

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