

THE RELATIONSHIP BETWEEN INTERACTIVE SKILLS BY LEARNING META- COGNITION (SELF DIRECTED LEARNING) HIGH SCHOOL STUDENTS IN ISFAHAN

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Abstract

The aim of present study was review relationship between interactive skills by learning meta-cognition of secondary students in Isfahan. Methodology of research in this study was descriptive and correlation. The statistical community this research all secondary students of Isfahan school year 2012-2013 formed using a multistage random sampling method taking a sample $n = 384$ was chosen. Measurement tools used in this study consisted of a revised questionnaire of communication skills Gerag (2004) and its guide for learning questionnaire data were analyzed using Pearson correlation coefficient of lift. The results showed a significant correlation between the interactive skills with Self Directed Learning. As well as between firmness, insight, understanding the message, set the emotions and listening with Self Directed learning there is a meaningful relationship. Based on these results can be expect that citing scores of interactive skills students ready to learn self-direction is ahead of projections.

Keywords: *Interactive Skills, Self Directed Learning, students*

1- Introduction

With the rapid changes that are occurring today are falls consequently require the use of methods and practices in new ways, especially in the field of teaching and education to be fitted. One of the cases on which the success of students and even satisfaction and happy they are going learn their effect. Review of the research literature suggests that accountability of individuals and independent being the main elements in the process they learn is to be fitted. That is a factor in which students can try the student, when faced with issues before the questions get assistance from others with their work from the beginning [1]. On the other hand, a new view of todays education-based interactive and communication skills of individuals especially students has been raised. A collection of interactive skills activities and interactions that cause needs people to be fitted. None of the human potential capabilities, but does not grow in the shadow of interpersonal relations of life. The first objective students teaching students in an environment must be favorable to the relationship, established, friendly and supportive with other students and the teacher. Such a goal is just a favorable outcome of interaction with fitted. According to what the purpose of this study was to investigate the passage, the relationship between skill-learning with interactive meta-cognition among students is the city of Isfahan.

2- Express issue

We live in the era of marvelous change which is fitted out and experience based on each of the types of changes, such as the lift is given. One of these titles is communication. Though when the term applied to the communications to be fitted, the importance of technology, often related to this territory to be fitted. But as much as the relationship between two individuals, the individual and the Group and of the group, increasing with each other and it is a fitted, enjoys attention.

A significant percentage of our daily activities in relation to others and in contact with other humans, perform even when fitted together that we are still only ideas and feelings we are affected by the quantity and quality of our relationships with others. The people of wood and stone, not the glory and woes, but also a human being and especially frequently than those who have expressed dissatisfaction with them closely and feel fitted their dissatisfaction. On this basis it could be said that the mental health of any person has quite a lot to his size and how to interact with other humans as well as their associated with relationship, and eventually even to be fitted to some degree with the equivalent of a health communication mental health [2].

The right to the use of effective teaching skills interactive and depend on the communication with their teachers, and use of, knowledge and skills of teaching texts and create the right environment, thereby learning the students will be students. Specification of a teacher is to facilitate the training process can be fitted, and even the role of educational textbooks and to compensate for the lack of facilities or on the contrary, the best position and subject teaching with the unable to create the optimal connection to the environment and non-attractive to become disabled [3].

In the educational process for the exchange of ideas and information in a two-way interaction between learning and the learner can be fitted and training for teachers, especially teachers, it is necessary to establish a connection with the effective factors are familiar to the process of teaching-learning to facilitate [4].

Hence, understanding the perceptions and feelings of teachers and students towards what class interactions for the program-planning, organizing and what is necessary for a positive change in the dynamics of change and the class is fitted, is importance [5].

Harigie and Dickson (2004)[6] the interactive skills those skills that can lift that can lift them to people involved in the interaction of the individual and the relationship between the production process means that people are; during it, information, thoughts and feel your care through the exchange of verbal and non-verbal messages with each other they fitted in between. These skills are the skills which include minor or petty skills related to understanding of non-verbal and verbal message order to thrill lift, listen, communicate, and the process implicitly compared to the insight in the relationship is the bases of the interactive skills make up the lift up [7].

According to the above-mentioned content that was expressed about the importance of communication and interaction, communication and student-teacher interaction, student students students-student teacher and students-students can play an influence in students fitted for their learning activities have pimples.

On the other hand, we live in the age of knowledge of effective performance, we have a need in such a community, social capital and the skills of the 21st century is a. Including your learning this skill is a forklift operator [8]. In fact, nowadays, with the development of the prerequisite courses, your success in this arena is going to be. The governance process in your comment are fitted in which students with help or without the help of others to identify

needs, set goals, identifying human and material resources to learn the proper strategies for selection and implementation of learning and evaluation of the results of their learning, and fall into the hands of the initiative [9].

Gibbons (2012) [10] steering his gradual changes as an inhibitor of the teacher to disciple considered believes that learners with learning meta-cognition to a huge dream and goal and independent decision-making and fitted in the middle of a valuable recognition. In addition, they can find out how you're learning tasks, in a given context to perform their goals.

In other words, any educational approach or method is said to be that of the responsibility of creating or adapting the knowledge of students and aimed at raising the level of learning.

Research findings show that many cognitive aspects can be motivational, behavioral and academic performance and set up your control, has been very successful as a learner are fitted.

This finding indicates those lift Self Directed Learning , previously of the nose of an academic achievement is for academic success, and must be fitted to learn how to set up your academic performance and your goals in spite of being difficult to protect learning content [11].

According to what passed, interactive skills can be fitted on the amount of interest in the students, orientation of the effective learning strategies as a result of this relationship is that the meta-cognition on performance and academic achievement is an impact-knowledge learners. On this basis, and given that in search of resources, a study of the relationship between self-learning with interactive skills in high school students in Iran have been found, and more research in the field of coaching on the students learning has taken place, one of the reasons for the present study was the same applies.

As well as research, usually to a single structure the next learning meta-cognition have been fitted. Since this structure is associated with social skills can be fitted, therefore in this study was that it tried to structure research group at the same time he was assessed and the recognition of their new coaching about learning and its relationship with the interactive skills in students make clear. So the aim of this study was to assess the relationship between the interactive skills, with your guide in learning between students in Isfahan was secondary.

A variety of teaching methods for teachers to choose lift work. Some teachers explain their devotion, high solve examples and exercises, but sometimes, in the meantime, a simple but important point is fitted to the forgotten: that if students are not involved in the learning process, the best trained and the best methods of work are not so much of the brand.

The ultimate goal is not to teach class events, but also the changes in the behaviour of learners that indicates teaching has been successful or not. The final criterion for good teaching, how to instruct server performance, but whether this is the most important thing learned or not learners plays a catalytic role, teacher is to help issues occur, but the main objective is to enable the learner.

Achievement of a teacher is that the learners are eager to learn and does not interfere with the process of learning, he has to propel by active learning [12].

Also, this approach to the learner the opportunity to modify, change, exploration, problem solving and reasoning is given, and this will require the deployment of active learning methods and training.

In an active manner with the aim of strengthening the knowledge, thinking and learning skills and create insight research and with his student enabled action to be a plus in this way the main role in the student is responsible for training and teacher streams the main role in the training and role of teacher manuals and Garry Conn is the best platform for intellectual

growth the learner it is that he is with the help and guidance of Your coach, your thoughts and be enabled to work and throw it out of the recession and avoid [13].

But the relationship between fundamental and applied research of robustness, there is more knowledge gained by basic research, and this is a knowledge base for the planning of scientific activities, provides a lift makes. It was also fitted to be the node of a path or be applied research guide. So the results of this research also can be fitted in research related to the development of social skills and academic progress of the students in the academic and research centers, as well as the use of its results in providing solutions to problems and academic-students in the education of Psychology counseling centers to be used.

In fact, by taking advantage of these results, it can be fitted in order to better planning to upgrade the quality of education and correction methods of interaction and communication students take step by step.

According to the above-mentioned content can be fitted to the importance of the interaction of teacher and students and students with each other and its impact on their students ' Learning Guide PDF win. Therefore, the aim of the present study is as follows: to assess the relationship between the interactive skills, with your guide in learning between high school students in the city of Isfahan.

3- Hypothesis of study

✓ *There is a significant relationship between coaching skills with Self Directed learning of secondary school students, the city of Isfahan.*

1. *There is a significant relationship between skills to express with Self Directed learning of secondary school students, the city of Isfahan.*
2. *There is a significant relationship between skills insight with Self Directed learning of secondary school students, the city of Isfahan.*
3. *There is a significant relationship between skills to understand message with Self Directed learning of secondary school students, the city of Isfahan.*
4. *There is a significant relationship between skills set of emotions with Self Directed Learning of secondary school students, the city of Isfahan.*
5. *There is a significant relationship between skills of listening with Self Directed learning of secondary school students, the city of Isfahan.*

4- Methodology of research

In this study was used descriptive-correlation method. The statistical community this research all secondary students of Isfahan school year 2013-2012 formed according to which education was declared a city 210000 persons. So many examples of this research 384 students in Isfahan high school formed by random cluster sampling method taking a few steps were selected.

First Hypothesis

There is a significant relationship between skills to express with Self Directed learning of secondary school students the city of Isfahan.

In order to test this assumption also Pearson was used. By this test the hypothesis of zero correlation tests using the rate that fitted in with their learning skills coaching relationships implicitly equal to zero. If the level value of the test statistic significant r alpha set (0.05) decline in the smaller area of the assumption of zero is placed so it can be with a probability of 95 percent rejected the assumption of zero. The assumption of zero and assume the contrary hypothesis would be research on the following:

H0: $\rho = 0$

H1: $\rho \neq 0$

Table -1 Results of test the correlation you're learning guide and two variable firmness

Variable	Pearson	Significant
Firmness in relationships* Self Directed Learning	0.12	0.01

As seen in table -1 has been reported using r Pearson is equal to-12/0. This significant level of less than 0.05, so the statistics with non-zero assumption that 95 percent correlation to be verified. Therefore, a significant correlation between firmness in their learning and coaching there. According to the obtained coefficient mark the relationship between these two positive samples in the study group variable (direct) and with increasing firmness in their learning, we are seeing an increase in coaching.

Second Hypothesis

There is a significant relationship between skills insight with Self Directed learning of secondary school students, the city of Isfahan.

In order to test this assumption also Pearson was used. By this test the hypothesis of zero correlation tests using the rate that fitted in with their learning skills insight coaching relationships equals zero. If the level value of the test statistic significant r alpha set (0.05) is smaller in the area used the zero assumption, rejection, so it can be fitted with a probability of 95 percent rejected the assumption of zero. The assumption of zero and assume the contrary hypothesis was fitted in the following:

H0: $\rho = 0$

H1: $\rho \neq 0$

Table -2 Results of test the correlation Insights on the relationships

Variable	Pearson	Significant
Insights on the relationships * Self Directed Learning	0.12	0.01

As noted in table -2 have been reported using r Pearson is equal to 11/0. This significant level of less than 0.05, so the statistics with non-zero assumption that 95 percent of solidarity will be rejected. Therefore, a significant correlation between Self Directed Learning on the relationships and insights there. According to the obtained coefficient mark the relationship between these two positive samples in the study group variable (direct), and with increased insight in your learning, we are seeing an increase in coaching.

Third hypothesis

There is a significant relationship between skills to understand message with Self Directed learning of secondary school students, the city of Isfahan.

In order to test this assumption also Pearson was used. By this test the hypothesis of zero correlation tests using the rate that fitted the skills to understand the message in their relations with the learning guide is equal zero. If the level value of the test statistic significant r alpha set (0.05) decline in the smaller area of the assumption of zero is placed so it can be fitted with a probability of 95 percent rejected the assumption of zero. The assumption of zero and assume the contrary hypothesis was fitted in the following:

H0: $\rho = 0$

H1: $\rho \neq 0$

Table -3 Results of test the correlation Perception of message

Variable	Pearson	Significant
Perception of message * Self Directed Learning	0.18	0.02

As noted in table-3 has been reported using r Pearson is equal to p. This significant level of less than 0.05, so the statistics with non-zero assumption that 95 percent of solidarity will be rejected. So meaningful and direct correlation between the perception of the message in their relations and there is a guide and learning by increasing the skills of understanding your learning skills increase control message will guide.

Fourth hypothesis

There is a significant relationship between skills set of emotions with Self Directed Learning of secondary school students, the city of Isfahan.

To test this hypothesis of Pearson was used. By this test the hypothesis of zero correlation between the extents of the test using your skill set by learning emotions going against zero. If the level value of the test statistic significant r alpha set (0.05) decline in the smaller area of the assumption of zero is placed, so it can be fitted with a probability of 95 percent rejected the assumption of zero. The assumption of zero and assume the contrary hypothesis research is given below:

H0: $\rho = 0$

H1: $\rho \neq 0$

Table -4 Results of test the correlation Skill set emotions

Variable	Pearson	Significant
Skill set emotions * Self Directed Learning	0.27	0.00

As noted in table -4 has been reported using r Pearson equal to be fitted were 0.27. This significant level of less than 0.05, so the statistics with non-zero assumption that 95 percent correlation fitted refused. So meaningful and direct correlation between the skills set of their emotions and learning there is a guide and with increasing skill set their learning skills increase operator control sentiments were.

Fifth hypothesis

There is a significant relationship between skills of listening with Self Directed learning of secondary school students, the city of Isfahan.

To test this hypothesis of Pearson was used. By this test the hypothesis of zero correlation between the amount of test employing the skills of listening with Self Directed Learning against zero. If the level value of the test statistic significant r alpha set (0.05) decline in the smaller area of the assumption of zero is placed, so it can be with a probability of 95 percent rejected the assumption of zero. The assumption of zero and assume the contrary hypothesis research is given below:

H0: $\rho = 0$

H1: $\rho \neq 0$

Table -5 Results of test the correlation skills of listening

Variable	Pearson	Significant
<i>Skills of listening * Self Directed Learning</i>	<i>0.27</i>	<i>0.00</i>

As seen in table-5 has been reported using r Pearson is equal to 25/0. This significant level of less than 0.05, so the statistics with non-zero assumption that 95 percent correlation fitted refused. Therefore, a significant correlation between your learning skills in listening skills going there and seeing an increase by increasing the skills of listening, we're going to learn their skills.

Discussion and Conclusions

Due to the necessity of active teaching methods, students will learn meta-cognition and in considering the proper implementation of its learning methods of continuous activity guide, student and exchange with other students and teachers, is such a practice, increased communication skills of its operator with Self Directed Learning among learners in knowledge-fitted.

On the other hand, students with learning meta-cognition in learning and classroom time than an inevitable side to apply the clear opinions on the accuracy of other classmates and teachers receive and on the other hand, is obliged to provide thinking, processing, understanding and answers in a logical and arguable opinions of them in order to accept or reject, and both of these requires special consideration of the framework for establishing a logical connection between them is consistent and, therefore, the measures seem to be fitted. Strengthening the conditions suitable for interactive communication skills of students such as listening, precision, the observance of the rights of others, respect for the opinions of others, accepting the opposite opinion, respect the customs of dialog and conversation, silence when necessary and. .. Provide a meta-cognition, learning, with achieved.

Due to the fact that students, especially students in the high school section of such intense anxiety, adolescence and maturity, career and future, passing the University.. Of, and given that the horrors of getting poor scores, and the ridicule of family, friends, blame, fear of disability to continue studying and entry to University has always been students the high mental harassment and the player of that outcome measures of anxiety and reduce the formation of learning

At the same time, there seems to be in the low and high anxiety showed students cause disturbance in academic performance, interruption in learning, weaken the ability of his talents and the lack of prosperity can be fitted with a sort of firmness. Therefore persons in control communication People who have an internal locus of control more firmness.

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