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Proposed Strategies for the Education of Gifted Students in Primary Schools and Opinion of Teachers on It

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The research aims to provide proposed strategy for the education of gifted students in primary schools and opinion of teachers on it, the research population specified for primary schools in Qadisiyya Goveranate/ Republic of Iraq. There are 159 schools, 30% of them selected randomly to make modal pattern of research that is only 48 schools, then 5 male and female teachers were chosen on this pattern thus the sample of 240 male and female teachers were selected randomly.

As it proposed strategy has been prepared for the education of gifted students and it consists of three grade (educational methods, implementation and follow up) at 10 paragraphs of each grade, thereby the proposed strategy paragraphs reached to 30 paragraphs and it is called (3ten), the procedures calculation related to honesty and consistency adopted for proposed strategy presented on basic sample and both scholars analyzed and statistical handling resulted in approval of male and female teachers on proposed strategy for education of gifted students in primary schools and on all three grade and in the light of research findings we are recommending some recommendations and proposals to conclude the current research.

Recommendations:

- 1- To approve proposed strategy for the education of gifted students in primary schools.
- 2- To approve and apply the methods brought by proposed strategy.

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Proposals:

- 1- To find out the gifted students in primary, high school and university levels.
- 2- To conduct a comparative study regarding take care of gifted students in Iraq and certain Arab countries.

Problem of the research

The giftedness has become an important topic in the field of scientific research in a large number of developed countries and this interest has been accompanying with a full belief that the scientific progress cannot be achieved without care of gifted pupils in their country. From this baseline specialized educational institutions were established to encourage and take care of them and provide them facilities for educational services to increase opportunities and extracurricular activities, in this field we faced a number of questions remarkably raised that is there any special care about gifted students in our country? What is nature of this care? Is there any specific tool used? What is point of view and philosophy in which educational institutions are going in case of there care available there? And are there strategies for education of gifted students in schools?

By the experience and knowledge of researchers about schools in Iraq and philosophy and their supervision of many seminars of higher studies, there it became bookmark that they have no such care and there is no specific strategy to train them through deep examination and initial research on the subject it was noted that there is care but without clear features it





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brings every time certain discretions like speeding and opening of distinguished schools and other designations and it came as reaction to what raises about giftedness and need of their care as there is no specific method or strategy for their education. It is legitimate question to a problem that requires solutions from this standpoint problem of research came.

Importance of research

The education is compulsory but it has no effective factor in pushing the society and its development towards achieving desired goals but also the education is significant element and effective factor in making a new human being. The world looks at it from its different locations and submissions to keep up with next phase which will witness the great changes imposed by new reality to form new ways of relationship and care to interact with large complex confusions in methods of research, technological progress and rapid communications. (Al Shibli 200 page 24), the curriculum has changed and teaching methods have varied and activities activated and assessment bear its duties in honesty manner and its roles and tools multiplied, and it has become compulsory for educational institutions including schools to achieve new roles for contribution in scientific research and discoveries participation in this scientific research, it is for the students who have ability specialty gifted pupils hoping to these aspirations that call to take care of them first and pay attention to them and try to enrich their abilities by activities, sources and technologies and their interaction with scientific laboratories and their engagement in course and scientific research and then search for particular methods for their training to be the best measures as they continue to search after pinpointing and to work on to be the future scientists and starting the original scientific creations and innovation, the gifted students are forefront of scientific theory owners and their care and training is very important and it has a big payoff in the long run. The foreign research and studies shows that the gifted students can be classified in three groups the first group is formed in % 15 of school community it could raise to % 20 of that community and percentage of intelligent people in this group as measured by the

(Stanford Binet) measures for intelligence (116) however the second group multiplied it if formed at (%2) to (%4) from school community percentageof intelligent persons in this group as scaled by Stanford Binet measures for intelligence (123) and more while stating the third group its students are on high level degree of giftedness not more than % 1 in per thousand students and percentage of pupil's intelligence according to same measures reaches to (14) and more. Hence there is need of special strategy for education of gifted students this is the proposed strategy and both researchers hope by their contributions in development of gifted students abilities as a strategy for the education of gifted students not found in the literature of their care and hope a new addition to this literature serve more or less gifted pupils.

The importance of research can be summarized as below:

- It may be first Iraqi research (in the knowledge of two scholars) which provides the proposed strategies for the education of gifted students in primary schools.
- This research contributes in benefitting to the research scholars and teacher by making education strategy to take care their gifted students through applying it.
- This research will encourage some of the research scholars who are interested in talented affairs for suggesting it in secondary schools to present the strategies in it.

Objective of the research: Objective of the research is to: present the proposed strategies towards the education of gifted students in primary schools and opinion of male & female teachers on it.

Limit of research: I am confining the present research on: 1. Primary schools in Qaddissiya province centre. 2. Male and female teachers in central schools.

Definitions of terminologies:

Learning strategy: (Bikri 2002) known as "specific procedures for certain education or lesson, means





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determination of method/ type of excitement or movements that followed the teacher to achieve specific results. (Al Bikri 2002: 122)And scholars defined that: "a group of methods and procedures chosen and implemented by teacher inside and outside of the class systematically to achieve the planned goals for the education of gifted students".

2- Giftedness: (Renzulli: 2003) sort out that: the student normally has ability above medium and high level of innovation and high level of commitment in particular tasks or achievement motivations. (Renzulli, 2003: 188)

And scholars defined that: "the student who has outstanding performance in brain power comparing to the same age group in same era.

1-Opinion: (Jasmani: 1984) defined that: "group of believes which have the person above certain things like he is in the middle in which he lives (Jasmani, 51: 1984).

And scholars defined that: point of view of the male and female teachers by making proposed strategies for education of gifted students in primary schools over their compatibility.

Education and caring of gifted students:

The gifted students in any community are the substantial energy and major fortune which preferably to invest and guidance and take care of it, the history is fulfilled peerless examples in fields of arts, sciences, literature and space discoveries because of these geniuses, and the countries and their communities has cared them and developed by their talents till talented person's product became appreciation of all and pride of nation, there are numerous attention to the gifted persons in foreign and Arab countries and took the following forms and methods:

- 1- Allocation of special classes in regular school.
- 2- Allocation of special schools to the gifted students
- 3- To provide educational environment in regular class for gifted students.
- 4- Academic acceleration to the gifted students.

5- Diversion of course content in each subject till number of works and splitting the works to the sub-units, and the gifted student individually will study each of the unit and complete by using his self education. (Yaseen 1981: 151)

The scholars seeks in addition to some of studies referred that the world prefers to enrich the educational curriculum, this is followed by the current study but with the various methods, larger attention and organizational style in our believe larger thing, which will go on with the gifted for many years and follow-up and evaluation of precise and careful attention to those students, in our believe it is everyone's responsibility to start the educational organization, school, teacher, research scholar and civil society in each state, and this requires supplying materials and physical and moral possibilities and continuing support towards literature innovation and studies related to gifted students education.

Proposed strategies for the education of gifted students in primary schools

Proposed strategies for the education of gifted students in primary schools consists by three main areas, each area consists from these areas 10 sub-tasks so these areas will became with its three branches 30 tasks it called (3Ten), below are the areas and its branches:

First: Grades of teaching methods: 1) Free discussion 2) Brain-Storming 3) Quranic Verses 4) Cooperative Education 5) Internet using 6) Expert's visit7) Experimental laboratories 8) Vision 9) Educational tours 10) Contemplative thinking

Second: Grade of Implementation

- 1- Registration the gifted students in school and Naming a panel headed by Associate and three talented teachers for caring them and allocation of card for each of them.
- 2- Adopting the educational or other method based on the nature of the topic, time and place for education and it's all procedures.
- 3- Provide the activities that support thinking skills and care to gifted students.

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- 4- Diversity of independency tasks and non-traditional duties.
- 5- Involve them in complicated questions with a high level of thinking.
- 6- Basic skills training that achieve learning opportunities of high quality
- 7- Providing modern educational techniques and optimize by using it.
- 8- Make them responsible to participate in scientific research centers and scientific counsel and local community seminars and scientific magazines and journals.
- 9- Applying the scientific enrichment process based on required requirements and a level related to gifted students.
- **10-** Development of scientific trends as curiosity and slow movement towards issuance of judgment, accuracy and honesty in the scientific research and education.

Third: Follow up/ Trailing

- Periodical review for gifted student's level to take necessary amendments or continuing position.
- 2- Follow-up the updated calendar methods in the program and insert renew one.
- 3- Visiting the gifted student's guardians to support, inquiry, guidance and needs.
- 4- Inform them their special achievements by letter and E-Communication and recorded contributions.
- 5- To complete basic necessities and requirements related to gifted students by books.
- 6- To hold a general periodical discussion with gifted to know their thinking progress.
- 7- Naming the first outstanding gifted at end of each program in coordination with the Paradise.
- 8- To evaluate proposed strategic each month and record the notes.

- 9- To hold discussions, competitions and debates among gifted students to know their abilities.
- 10- Enter all observation in detailed which noted during the year in note card related to them, to

provide them the programs during the summer holiday and for the next year to each gifted student.

Explanation about proposed strategies (3Ten)'

Since ancient times gifted has emerged attention mentally and scientifically, while assist to development of people with advanced thinking and high level abilities, and Arab heritage abounded with news of gifted and in Iraq a department has launched in general province of education in the year 1972 as well as established regional schools for caring them in the year 2001. (Jaber 2011: 197). The order issued in this year 2015 to open the special schools related to gifted in each province but these schools couldn't fulfilling their duties and correct roles towards caring of gifted because of several reasons. (Jaber 2011: 197).

The researchers constantly research on methods of gifted education and including appropriate and outstanding qualities, and by using these qualities to develop and work on to provide number of student who will become biggest tributary to scientist of future projects, they will be reach at scientific discoveries, advance theories and contribution in solving the problems which facing their country and concentrating on gifted students education in all study levels specially in developed societies scientifically, personally and Technology by focusing because they are main source in fortunes in country and in entire lifestyle, and the strategies which we are going to present the proposed strategies to gifted students education but modest contribution we can reconcile it and add it as an attempt to access this kind of development programs to take advantages by its literature and to stir up so much interest. And the researchers proposed (three grades) in (30 paragraphs) called it (3 Ten) for caring the gifted and developed their abilities and education which is proposal,





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It does not cost the state or the institution as much as, as well as to provide care to the Gifted students in regular schools and classes without isolating them.

First grade (grades of teaching method) consists from (10 paragraph) as:

- 1) Free discussion: dialogue methods that need to be constant vigilance and fully seriousness and effective participation and when it will be used should be correctly which take into advancement, organization and sequence of ideas and Habituation on analytical thinking. (Al Samrai 2000: 51).
- 2) Brain-Storming: it is generating ideas to students of all ages and brain-storming considered as significant process in exploration phase, which helps students in research and participation process in all the information. (Salamah, 2009: page no 28).
- 3) Quranic Verses: considered one of the magnificent methods in education through it can be developed the trends and tendencies, appreciation and training on the many skills by which to highlight the great ability of the signs of Almighty Allah and showing his creation and appreciation of meter and the functioning of the universe, which develops scientific thinking abilities among students and expand their ability to think about the universe and opened their mental abilities. (AL Umrani 2014: P.no: 90)
- 4) Cooperative Education: style of cooperative education begun since sixties to active the learner role in learning process. (Nabhan 2008: 39).
- 5) Internet: educational institutions started using the internet in sixties and The concept of distance education through training programs where the Internet provides an sufficient examples and ability to obtain information from different countries as soon as and less expensive.
- 6) Expert's visit: experts considered as significant role Individuals in helping to gifted students to achieve their goals, They have the ability to improve education and training. (Kazim.1973: 183).
- 7) Experimental laboratories: those places in which experimental procedures will fixed by the students

themselves or help by their colleagues and under the direct supervision of the teacher about everything which will done.

- 8) Educational Vision: to provide students imaginary position to stand with number of mental creation broad thinking about a series of events and a stepping stone towards outside world with realistic and unrealistic to build this mental developments by introducing the study topics by supervision of the teacher and to maintain the atmosphere of real and physical imagination (28: 2006, irooznia)
- 9) Educational tours: A technique provides the student field experiences which give real meaning to concepts, laws and principles for the participation of all the senses of the students in education and thus provide essential learning process because it gives a continuous direct experience to see things for what they are and work practice in realistic images.
- **10)** Contemplative thinking: this is a style needs a deep thinking by student when learning a particular subject he tries to extract the general aspects of the mental processes to specific targets.

These are the (10) methods which we believe to determine the education of gifted students and goals of care and that contribute effectively by relying on their abilities and development and training and refine these capabilities to show up the real talent of them, and the teacher can choose from these methods or indulged several techniques in one subject in one period and that depends on the educational situation and subject nature to be taught and the facilities and time available for the program and the time of studies periods.

Second phase includes 10 paragraphs (Grade of implementing) as:

1. Enrolling gifted students at the school as it is called a committee chaired by Associate and three talented teachers to care and attention them and allot them, in that should enter personal information and grade which they obtained in previous levels and their special character,

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activities and hobbies that practiced and other information that perpetuated every week during the program.

- Choose educational method, according to subject's nature, time and place of education and all procedures.
- 3. To provide activities that support thinking skills and substantial with gifted pupils.
- To diversify independent functions and nontraditional duties, such as every gifted student should fond of independent function with other and supply this advanced and non-traditional function.
- 5. To involve them in complex questions with a high level of thinking.
- 6. To train on basic skills that meets the high quality of learning opportunities.
- 7. To provide latest training technologies and maximum advantages of them.
- 8. To contribute in scientific research centers and scientific councils, community conferences, journals and magazines.
- 9. To apply scientific enrichment process according to needs and levels of gifted pupils.
- 10. To develop scientific directions such as interest on research and avoiding rashness in passing judgment and development in accuracy and honesty in scientific research and learning.

The third stage (continuation) includes the following ten paragraphs

- 1. Periodical review of gifted student's level to make necessary changes or continue the previous strategy
- 2. Following the various calendar methods in programs and adding new programs.
- 3. Parents' visit for gifted students to support, benefit, guidance and requirement report
- 4. Giving informing on their achievements which are related to correspondence, e-communication and registered contributions.
- 5. Fulfilling the essential needs and requirements of gifted and talented students.

- 6. Conducting periodic public debates with gifted students to know the progress of thinking.
- 7. Naming the top talented and gifted students at the end of each program in coordinating with the committees, so their activities and efforts should be followed.
- 8. Evaluating the suggested strategy each month and make documents of feedbacks which are registered on it
- 9. Conducting GDs, competitions and debates among gifted students to know their talents.
- 10. Enrolling each note throughout the year with all its related details in notes file, to prepare the programs of each gifted student during summer vacations for the upcoming school year.

Supporting needs

The success of provided strategy needs to positive and clear support in order to take care of our gifted students and contributor's roles and tasks to be carried out with spirit and desire, as it begins:

- * Family: The Family's big part is to take care of their children, especially if they are special, skilled and talented, the school can helps them in supplying this strategy and will support to provided comfort and decent place to read and not to be involved in things distract him in continues education as it can also prepare him for success factors in interest and paying attention.
- * School, education and teacher, the school and its prepared curriculum are means of education in achieving their goals through educational institution, and it also alternate of houses and place to provided opportunity for students to complete their education with distinction. (Abul Hija 2010:7)It is big responsibility to provide everything that contributes to increase the giftedness to gifted students and provide what can be possible for pure school environment learning rich with talent as well as have to review their educational methods continuously new information in specialization field and development of syllabus and teaching technologies and boost the knowledge of

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teachers and solve the problem what they face and to prepare them current curriculum entering in their courses and their participation in specialized field.

Gifted student:

He is main concern in all the proceedings as mainly prepared to develop his abilities effectively under continuity of scientific excellence and encourage the giftedness which he has, so he has certain time must contribute to the success of the proposed strategy for education.

Method of Research

- 1- Research Methodology: both researchers selected the descriptive and analytical approach, (to get the information regarding the current situation of the phenomenon under study to determine the nature of phenomenon and to identify the interrelationship in the occurrence of this phenomenon and describe and analyze the influential changes in its growth and development) (Al Nahari Al Surayhi 2011: 206).
- 2- The research community: the research community consists of male and female teachers of primary school for the academic year (2015/2014) in Markaz Al Madina reached to (159) primary schools.
- 3- Research sample: the both researchers elected a simple random sample in research community and it reached to (48) schools, at % 30 of community approximately and number of male and female teachers (240) at 5 male and female teachers were selected randomly from each school.
- 4- Research tool: the proposed strategy for the education of gifted students in primary schools was designed and it contains on three areas and (30 passages) (3 Ten) and after completion of procedures and psychometrics characteristics test the logical truth realized that it is a judgment by

how the sample represents for field behavior that is technology and coverage of basic aspects related to the phenomenon. (Abu Hatab, 986:76) this is by derivation of programs from sources close to the topic of gifted pupils after reviewing equable literature and taking experts opinions which helped in the development of questionnaire of the phenomenon which measures fairly. As it realized from clear truthfulness by submitting it to group of jury in teaching methods and psychology the rate of spending is % 85 and that would be high spending rate for maintaining the program passages. As the both researchers tested after applying a sample of male and female teachers and the rate of determination is (0.88) that is high percentage of determination for research and program applying purposes. (Al Eisawi 1985:58)

After inclusion of proposed strategy in applying instructions at its three levels (1) a little bit (2) agree at medium level (3) agree at high level. Thus high became weighted average (3) and accounting average (1.5) (Al Kindi 1985:1.5) Then the proposed strategy applied on basic sample for research.

5- Analysis of results

1- For the passages of first level (teaching methods):

The passages of this level obtained the series available in the table (1)

Third level – implementation			Second level – implementation			First level – teaching methods		
Sharpne grade	order	Passage Number		ess Order	Passage Number	Sharpness grade		Passage Number
2.81	2	1	2.61	3	1	2.10	9	1
2.67	3	2	2.98	1	2	7.82	2	2
2.48	5	3	2.75	2	3	2.81	1	3
2.55	4	4	2.18	7	4	1.88	10	4
2.94	1	5	2.54	4	5	2.56	6	5
2.22	10	6	2.52	5	6	2.21	8	6
2.31	9	7	1.84	9	7	2.61	4	7
2.40	7	8	1.63	10	8	2.4	7	8
2.38	8	9	2.20	6	9	2.68	3	9
2.41	6	10	2.64	8	10	2.60	5	10





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and show that (Quranic verses and brainstorming) occupied first and second orders respectively at degree unit (2.81, 2.78), and also explain that (the cooperative education and bare discussion) occupied (ninth and tenth) orders units (2.10, 1.88), and this indicates that (male and female) teachers prefer Quranic verses and brainstorming for the teaching of gifted students because, in our opinion, the Quranic verses open their minds and encourage them to continue reading and to research on topics related to the universe and creation as the brainstorming gives an appropriate opportunity for students to share their ideas or to pass their comments without any restriction to address the underlying problem.

2 – The paragraphs of second level (implementation)

The paragraphs of this level have the series available in table (1) and show that (selecting an alternative teaching method according to the nature of the subject and providing the activities that enhance the thinking skills of gifted students and increase their interest) took first and second place respectively degree unit (2.75, 2.89), as these sections demonstrate that (The development of scientific trends such as curiosity and without rushing in making the judgments and the scientific enrichment process is implemented as needed) occupied (ninth and tenth) degree units (1.84, 1.63)

This shows that (male and female) teachers prefer to choose teaching method, according to the nature of the subject and also provide activities that enhance the thinking skills of gifted students, which is, in our opinion, a right step, because each subject or lesson has its own appropriate method to achieve the various teaching goals set for a particular lesson plan, and also the activities that increase the interest of the gifted students by helping them in their training on various kinds of thinking skills. This is what the sections of this level explain, which collected from the tenth orderAnd ninth in respect of gifted he is committed likes questionnaire and accuracy and not to rush to their opinion as the enrichment is common and important not in accordance with requirement of need.

2 – The paragraphs of third level (continuation)

The passages in this level obtained on the series available in table (1) to fulfill the necessary needs and requirements of gifted pupils, and periodic review of gifted students level to achieve what is compulsory for adjustments the arrangement occupied (first and second) respectively and acuity level (2.81,2.94) as it describes that the passages (to conduct general periodic discussions with gifted students to know their thinking and provide naming of previous outstanding gifted pupils at the end of each program in coordination with the committee), the (tenth and ninth) order occupied at (2,31,2,22) level. This is a choice for teachers who prefer to fulfill the necessary needs and requirements of gifted pupils and in our opinion that is correct preference, because the basic and essential needs of gifted pupils are important to practice innovation and special giftedness and if there is any poor physical condition or weak health as well as periodical review of gifted pupils to interact with them and find out the matters about them, firstly we have to explain and provide naming of previous outstanding gifted pupils at the end of each program and it reached to ninth arrangement as well as conducting general periodic discussions with gifted pupils to know their thinking and like this it reached to tenth arrangement.

6-Conclusions

The results of research resulted in approval of teachers on proposed strategy for the education of gifted students in primary schools and on all three levels and passages which are included as no passage obtained minimum accounting average (1.50) as in the first level high acuity level is (2.81) and low level is (2.60) and in second level the high acuity is (2.89) and low level is (1.63) and in second level high acuity level is (2.91) and low level is (2.22).

7-Recommendations and Proposals:

Based on research results and conclusions led in the both researchers recommend the following:

1- To approve proposed strategy for the education of gifted students in primary schools.





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- 2- To approve and apply the methods brought by proposed strategy.
- 3- To form a standing committee in every school to take care of distinguished and gifted students for their profiling and entering training program related to them solve their problems and needs.
- 4- To choose a committee between male and female teachers for their training and engaging into sessions to know how to motivate gifted pupils and their caring and they are distributed to all schools.

Both researchers conclude the study on following proposals: To find out the gifted students in primary, high school and university levels. To conduct a comparative study regarding take care of gifted students in Iraq and certain Arab countries.

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