

Study the dimensions of leadership styles and personality characteristics and their relationship to the dimensions of Creative thinking for teachers of physical education in middle schools in Baghdad Governorate

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Abstract---*The study aims to identify the dimensions of leadership patterns (initiation and interest in work, and caring about the human relations) and the dimensions of personality characteristics (control, responsibility, emotional and social balance) and the dimensions of innovative thinking (fluency, flexibility, and originality) among physical education teachers in middle schools in Baghdad Governorate . The study concluded that there is a great harmony and impact between the dimensions of leadership styles (initiation, interest in work, and care about human relations) with the dimensions of creative thinking (fluency, flexibility, and originality) among teachers of physical education in middle schools in Baghdad Governorate. The study recommended the need to pay attention to the final results that were reached by the middle school departments and in relation to the way they deal with physical education teachers. And to the necessity of conducting similar studies on physical education teachers in primary and middle schools in order to reach knowledge of the type of relationship between the dimensions of the three measures they have.*

Type of Paper--- Review

Keywords: leadership styles, personality characteristics, creative thinking, physical education teachers, middle school

Definition of research:

Introduction and importance of research:

The world is witnessing scientific development and progress in most areas of life, so it has become necessary to exert more effort and work in order to keep pace with this continuous progress, and given the importance of teachers in educational work. So, they have received a lot of attention and study by researchers, as leadership patterns have an impact on the performance of workers in the educational process. In addition to that some physical education teachers have personal traits that make them more vulnerable to psychological pressures and more affected by them, unlike teachers who do not care about the pressures resulting through the situations they are exposed to.

Leadership is necessary in all institutions, whether in the public or private sector, as well as in all educational and non-educational areas. So the secret of the success of any institution is the efforts of its successful leaders to influence the workers with them and motivate them to provide their best energies with desire, conviction, contentment and high moral spirit. So the issue of leadership styles receives great attention in view of the great role that teachers play in terms of planning, organizing, coordination, supervision and teaching, and the scientific development witnessed by the times and

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changes it brought about in the methods of learning have undoubtedly contributed to the progress of students and their progress which the institutions should confirm.

The educational aspects of the importance of developing teachers' energies and innovative capabilities through knowledge of the methods and methods that lead to the development of these capabilities for them, and given that students represent the essence and goal of the educational process and its content. Therefore physical education teachers are employed for most of the processes and activities in the educational process as an active and direct contribution to achieving the processes. Educational development leads to achieving the acceptable positive level of good academic achievement, physical preparation and effective educational performance.

Therefore, the physical education teacher is considered the most important element in the educational process as he is able to make the teaching and educational skills, attitudes and abilities that his students acquire strong strings that fit in their personalities through his interactions with them and with them. The strength of any educational system depends mainly on the type of school so whatever the clarity of the goals and whatever the modernity and abundance of educational devices. Whatever the efficiency of management, the value of the benefit provided to students is determined by the teachers. Scientific research has proven that effective teaching depends on the personality of the teacher, the curricula are the same, but the difference between the teachers and what they obtained from the skills and knowledge p Lamia, and their physical characteristics, characteristics, and culture, which depend mainly on the teacher, because he leaves his clear mark on them.

Personality characteristics are one of the main topics in the field of psychology with its various branches because of its role through the various stages of life in the human being represented by his personality, which is a force that emanates from himself and gives him a special nature .By these characteristics he can influence others through the impressions his behavior leaves them. Especially if the teacher of physical education has desirable personal traits among his colleagues and students, he will be more effective in bringing about positive changes in the behavior of his students as it is an effective and important impact in the performance of sports and teaching skills. this takes advantage of the capabilities and capabilities of students by investing time in what is beneficial on them .

The creative teacher is the teacher who has the ability to direct his mental processes and study methods towards the educational goal on his own, and given that the main goal of the physical education teacher is to bring students to the stage of self-education. Therefore the focus in teaching focuses on how to learn the educational content to perform the basic skills of the effectiveness that is taught and teach it. Since the nature of the learning process requires students to learn the basic skills for each game that was covered in the curriculum and to absorb its content and content and to memorize, understand and remember a great deal of mathematical effectiveness and the subject matter that It has been addressed and taught.

The physical education teacher must be provided with basic learning methods that enable him to access scientific facts and then seek to be acquired, understood and preserved by his students, which requires knowledge of methods, methods and patterns of learning and teaching students. So learning methods and methods and methods of practicing sports activities should contribute in developing creative thinking for physical education teachers in middle schools, scientific studies have demonstrated the importance of having creative thinking capabilities (fluency, flexibility, and originality) for the teacher. In addition to the knowledge of specialization and freedom from aggression towards his students and inclination to work with them as well as the ability to renew, change, intelligence and emotional stability as a prerequisite for the success of the educational process.

The trend to study innovation has become a global trend because of its good and positive results and effects on the progress of societies, and it has become largely agreed upon among thinkers that the differences between developed nations Underdeveloped nations are differences in the extent to which these nations possess or do not possess innovative minds (Abd al-Salam Nasif 1979) (7: 89). Quoting Glifford, stated that "innovation has become the key to education in its fullest meaning and the key to solving most of the intractable problems that humanity suffers from, therefore Ali A developing as societies to open our doors wide to get into innovation in all fields, especially in the field of education and in all stages of education. "

The importance of the research lies in its being a participant from the researcher in knowing the type of relationship between the dimensions of leadership styles (initiation, interest in work, and caring about human relations) and the dimensions of personal characteristics (control, responsibility, Emotional equilibrium and social balance) among teachers of physical education in middle schools in Baghdad Governorate with dimensions of creative thinking (fluency, flexibility, and originality) have an attempt to benefit from the results of the study in the future.

the Research Problem:

The scientific and technical development witnessed by the times and the changes that have brought about it have undoubtedly contributed to the advancement of man. This makes educational institutions to emphasize the importance of developing teachers' energies and their innovative capabilities through knowledge of the methods and methods that lead to the development of these capabilities they have. They represent the essence of the process Educational and its content, and the identification of leadership patterns and personal characteristics of physical education teachers, studying and analyzing it acquires a great and distinct importance through trying to know the type of relationship that is related to the capabilities of creative thinking (fluency, flexibility and originality) for teachers of physical education in middle schools.

It is known that the attitudes of teachers of physical education and their positive behavior towards creativity plays a fundamental role in creating a creative atmosphere within the lesson and encourages the development of higher levels of thinking when students. But the problem remains in the nature of personal traits and leadership patterns among teachers in addition to the availability of innovative features in the personality of the teacher of physical education.

Leadership issues, patterns, and personality characteristics of teachers and educational leaders have received the attention of many researchers and thinkers. Some studies have contributed to clarifying the concept of innovation and reaching its importance for humans and society. Studies have proven that a person can only be innovative in a social and educational framework that develops and encourages creative features and capabilities in Personality While some studies touched on the capabilities and dimensions of innovative thinking.

Some studies also addressed leadership styles and personality traits by linking them or identifying the differences between them among male and female teachers. But the researcher did not find a study that dealt with knowledge of the type of relationship between each of the leadership patterns of physical education teachers and their personal characteristics with creative thinking. So from this logic the current study problem tries to answer a question in the mind of the researcher related to trying to know is there a relationship between each of the patterns Leadership (initiation and interest in work, and care about human relations) and personal characteristics (control, responsibility, emotional and social balance) for physical education teachers in middle schools in Baghdad Governorate with dimensions of creative thinking (fluency, flexibility, and originality) to reach final results that serve the teaching process and its employees.

Research Objectives:

Identify the dimensions of leadership patterns (initiation, interest in work, and care about human relations), the dimensions of personal traits (control, responsibility, emotional equilibrium, and social balance) and the dimensions of innovative thinking (fluency, flexibility, and originality) among physical education teachers in middle schools in Baghdad Governorate.

Learn about the relationship between the dimensions of leadership styles (initiation and interest in work, and care about human relations) with the dimensions of creative thinking (fluency, flexibility, and originality) among teachers of physical education in middle schools in Baghdad Governorate.

Know the relationship of the dimensions of personality characteristics (control, responsibility, emotional equilibrium, and social balance) with the dimensions of innovative thinking (fluency, flexibility, and originality) among physical education teachers in middle schools in Baghdad Governorate.

Research Areas:

The human field: physical education teachers in middle schools in Baghdad governorate for the academic year 2019-2020.

Time domain: for the period from 9/20/2019 to 11/21/2019.

Spatial domain: middle school departments and school playgrounds covered in the study.

Research methodology and field procedures:

Research Methodology:

The researcher used the descriptive method in the survey method because it fits with the nature of the research problem.

Research Sample Community:

The researcher conducted a comprehensive survey of the number of middle schools distributed in the governorate of Baghdad for the academic year 2019 - 2020 AD After the civil schools were excluded, and the cluster sample method was used (Muhammad Subhi and Adnan Muhammad 1983) (15: 135), a method that is based on the division of society The statistic into clear partial groups, we call each cluster and then we select a simple random sample from among these clusters. "

In the first stage, (58) middle schools were randomly selected from (1710) middle schools in Baghdad governorate (3.391%), which represents the study community, while in the second stage the research sample was chosen from physical education teachers in

The middle schools covered by the study of (50) teachers are a suitable sample for work, as it is preferable that the sample rate be (1%) if the community size is large, as indicated by this (the return of Ahmed and Khalil Al Khalili 1988) (8: 146) and this size is greater than (30) Individuals, indicating the possibility of a moderate distribution of this size, and (8) teachers were chosen as a sample for the pilot study and they were excluded from the final work sample.

Data collection methods, devices and tools:

The following tools were used:

(Arab and foreign references, Internet, tests and measurement, personal interviews, individual registration form for leadership pattern data, individual registration form for scale of personality characteristics data, individual registration form for data of innovative thinking scale).

steps to carry out the research:

The researcher used three measures: the first (the leadership patterns scale) (Nawwaf bin Safar 2008) (18: 327), the second (the personality characteristics scale) (Fouad Abu Hatab 1980) (13: 72), and the third (the scale of innovative thinking) (Syed Muhammad 1985) (5:10).

The researcher found that the three standards are used and codified on the Arab environment in previous studies that were relied upon, in addition to enjoying high honesty and consistency, and the following is explained to them:

First / Leadership Styles scale:

This scale was prepared by (Nawaf bin Safar bin Mufleh Al-Otaibi 2008) after the LBDQ (Describing Leadership Behavior) standard prepared by (Halpin 1957) was adopted, where the original scale was used as a translation into Arabic which was translated by Professor Dr. Muhammad Hassan Rasmi. The scale (leadership styles), which consists of thirty paragraphs distributed in two dimensions, as follows:

The first dimension / (after initiation and interest in work), which includes (15) paragraphs starting from the number (1 to 15).

The second dimension / (After caring for human relations), which includes (15) paragraphs starting from the number (16 to 30), knowing that each paragraph includes a feeling or feeling experienced by the teacher as a result of his practice of the teaching profession and the examiner is asked to specify the answer to the items of the scale that depends On the five-way Likert method (from 1 to 5) and arranging it as follows: (Not applicable at all (1), does not apply to a large degree (2), applies to some extent (3), applies to a large degree (4), applies exactly (5)).

Second - Personality Characteristics Scale:

This scale was prepared by (Jordan Albert) and translated into Arabic (Fouad Abu Hatab 1980), and by using it we can measure four aspects of the personality that are important in the daily work of the normal person (the teacher) which are (control, responsibility, emotional equilibrium, and social balance).

The scale can be applied in an individual or group way, and the way to answer is by choosing one of the four phrases in front of each paragraph that the teacher believes is closest to him and that is similar to it. The total time for answering the scale is open, and the data is empty on the basis of calculating the score of each feature separately The amount of (18) items is by giving (2) degrees for each phrase that are preferred more, (1) degrees for each phrase that is not marked, and (zero) for each phrase is preferred to a lesser degree. Thus the total score for each personality trait will be (36) degrees, while the overall scale of the scale will be (144) degrees.

Third / Innovative Thinking Test:

The test consists of two parts (the first) prepared from one of the Torrance battery for creative thinking known as the Minnesota test of creative thinking in relation to the University of Minnesota. Torrens worked using this battery, and the battery consists of four sub-tests are (uses, the salaries, attitudes, development or improvement) and each test in it consists of two situations, and each position has a specific time of response of

(5) minutes, .Also,(the second) is a Barron test known as (Barron test of Anagrams) and is used to measure the association or as it is called formations, as it has meaningful words from the letters of each of the two words included in the test and is formed in his Egyptian image of two words (democracy and Tanta) and each word (5) minutes for the answer. Each of the five tests included in the test measures the three capabilities of creative thinking which is (fluency, flexibility and originality) and that the sum of the degrees of these capabilities represents the total degree of creative thinking and thus each respondent it has four degrees:

Fluency / measured by the ability to mention the largest possible number of appropriate answers in the time specified in the time specified in the first four tests of the section as well as the largest possible number of valid words that have meaning in the second part of the test.

Flexibility / measured by the ability to produce the appropriate answers and their diversity in the choices of the first four sections, as well as the number of correct words that have a meaning to be diverse and multiple, i.e. excluding repeated words.

Originality / It is measured by the number of uncommon answers to the group to which the respondent belongs in the tests of the first section and the number of words with meaning that composes them and which were not mentioned by the members of the group in the second section. The idea or word is authentic if its frequency is low and the degree of originality decreases as the frequency of it increases.

The total score for creative thinking / measured by the sum of the degrees of fluency, flexibility and originality, and for the two positions together in each test.

the scientific foundations of the three scales:

The researcher must verify the validity of the three scales to work in the study and their suitability for the Iraqi environment. The researcher did the following:

Validity of scales:

The researcher presented the three scales to the experts and specialists in sports psychology, tests and measurement to estimate their suitability for the research sample, and they all agreed on the validity of the standards, which indicates their enjoyment of the truthful content.

Stability of scales:

The researcher calculated the stability of the scale (leadership patterns) in three ways: (testing and retesting) (David's revolutionary 2020) (2: 198), the method (mid segmentation) (David's revolutionary 2020) (2: 237), and the method (Alpha Cronbach coefficient) (Thaer Dawood 2020) (2: 287), by applying it to (12) physical education teachers from middle schools in the Baghdad Governorate Center and extending them from the working sample as president for the academic year 2019-2020 CE. With this (method of testing and retesting) Pearson's simple correlation was used between the calculated application scores (0.823) which are of Sig and 0.001 which is smaller than the approved significance level of (0.05) which is For the enjoyment of the scale factor of high Stability.

As for the method of (half split), the paragraphs were divided into two groups of paragraphs that carry individual numbers and groups of paragraphs that carry even numbers, and using the Spearman correlation coefficient between individual grades and marital paragraphs degrees, the researcher obtained the calculated value of (0.877), which represents the internal consistency of half The test was therefore corrected by the Spearman-Brown equation, and the scale stability factor (0.934) indicates that the scale has a high stability factor.

The value of the (Alpha Cronbach coefficient) was extracted for the internal consistency over the extent of the paragraphs being connected to each other within the scale, as well as for each paragraph with the scale as a whole, and its calculated value of (0.942) was reached at the level of significance (Sig) of (0.002) which is Smaller than the approved significance level of (0.05), which indicated that the scale has a high stability factor.

As for the stability of the scale (personality characteristics), it was calculated in three methods as well (test and retest), the method (half-split) and the method (alpha-kronbach coefficient) and was applied to the same sample. In (test and retest method) the calculated value was (0.871) It had a significance level (Sig) of (0.000) which was smaller than the

approved significance level of (0.05), which indicated that the cafes have a high stability factor. But by the method of (mid-segmentation) the calculated value reached (0.833) and corrected it with the (Sperman-Brown) equation the scale stability coefficient was (0.908), which indicates that it had a high stability coefficient. (Alpha Kronbach coefficient) for internal consistency and its calculated value of (0.901) was at the level of (sig) indicating (0.000) which is smaller than the approved significance level of (0.05), which indicates that the scale has a high stability factor.

While the measure of (creative thinking) scale has also been calculated in three methods (test and retest), the method (half-split) and the method (alpha-Cronbach coefficient) and applied to the same sample, In (test and retest method) the calculated value was (0.885) It was (0.010) of Sig, which is smaller than the approved significance level of (0.05), which indicated that the cafes have a high stability factor. As for the (mid-split) method, the calculated value reached (0.821) and corrected it with the Spearman-Brown equation. The scale stability coefficient became (0.901), which indicated that the scale was a high stability coefficient, as was done Raj value (alpha Cronbach coefficient) for internal consistency and reached its value calculated the (.946) at the level of significance (SIG) and the amount of (0.002) which was smaller than the significance level adopted the (0.05) which shows the enjoyment of the scale factor of high volatility.

The main research experiment:

The main experiment was conducted on 10/14/2019, as the researcher distributed the forms of standards (leadership styles, personality characteristics, and creative thinking) to physical education teachers in middle schools in Baghdad governorate for the academic year 2019 - 2020 AD. The importance of the study has been clarified in answering items of all scales.

Statistical Laws:

The software (IBM SPSS Statistis Ver24) was used to extract the following: (arithmetic mean, standard deviation, plot modulus, partial correlation coefficient, Pearson correlation coefficient, Spearman-Brown correlation coefficient, Spearman-Brown equation to correlate coefficient, alpha coefficient Kronbach)

Presenting, analyzing and discussing the results:

Display the results of the three dimensions of dimensions:

After completing the distribution of data and collecting the researcher, the data were emptied in order to process them statistically for the three scales in order to achieve the first goal. The researcher applied the three scales to the research sample and after the completion of the analysis and calculating the total scores for each dimension of each scale in addition to the total score for each scale. The mean was calculated, standard deviation, the median values and the torsional coefficient of each scale are as in Table (1).

Table (1)The mean, standard deviations, median and torsion coefficient of the three scales

torsion	median	SD	Mean	Dimensions	Scale	No
9.366	48	6.144	48.56	Initiation and interest in work	leadership styles	1
9.963	44.89	8.1.6	44.86	care about human relations s		
9.363 -	134.89	4.59.	134.84	Total		
9.643	31	1.696	31.49	control	Personality	2
9.835 -	31	3.364	39.49	responsibility		

9.156 -	31	4.81.	.4.69	Emotional equilibrium	characteristics	
9.564 -	48	4.461	43.14	Social balance		
9.664	1.8	4.44	1.6.69	Total		
9.6.6 -	48	4..88	4..45	Fluency	Creative thinking	3
9...4 -	46.89	4.468	49.64	Flexibility		
9.664 -	46	4.169	41.44	originality		
9.364 -	388.89	13.616	388...	Total		

Table (1) shows the values of the mean, the standard deviations, the median, and the convolution coefficient for all three scales. All the values of the convolution coefficient were for the dimensions of all scales smaller than (+1), which indicates the good distribution and homogeneity of the sample.

The results of the correlation between the dimensions of the leadership patterns and the personality characteristics with the dimensions of the creative thinking scale:

In order to achieve the second and third goals of the research, the researcher extracted the correlation between the dimensions of the leadership patterns and the personality characteristics with the dimensions of the creative thinking scale through the use of Pearson's simple correlation coefficient. It became clear that all the dimensions of the (leadership styles) and the dimensions (personality characteristics) were significant with the dimensions (Creative thinking) because all of the calculated (R) values all had p-value, which is denoted by the symbol (Sig) which is smaller than the approved and predetermined value of (0.05), which indicates that they all have sig correlation with the dimensions of creative thinking and total score as in the table (2).

Table (2)It shows coefficients of correlations between the dimensions of the leadership styles and personality characteristics with the dimensions of the creative thinking scale

Total	originality	Flexibility	fluency	creative thinking scale	scales
				scales dimensions	
9.648	9.348	9.696	9.685	Initiation and interest in work	leadership styles
9.999	9.999	9.999	9.991	Sig	
9.89.	9.66.	9.361	9.695	care about human relationships	
9.99.	9.991	9.999	9.999	Sig	
9.641	9.36.	9.3.9	9.686	Total	
9.999	9.999	9.999	9.999	Sig	
9.655	9.364	9.614	9.645	Control	personality characteristics
9.999	9.999	9.999	9.999	Sig	
9.6.9	9.6.	9.636	9.819	responsibility	
9.991	9.999	9.999	9.99.	Sig	
9.669	9.684	9.65.	9.649	Emotional equilibrium	
9.999	9.991	9.999	9.999	Sig	
9.619	9.344	9.364	9.345	Social balance	
9.99.	9.991	9.993	9.991	Sig	
9.89.	9.643	9.656	9.81.	Scale total	
9.99.	9.999	9.991	9.996	Sig	

Discussion of results:

The result of the researcher with the emergence of the significant correlation between the dimensions of (leadership styles and personality characteristics) with the dimensions of the (creative thinking) scale for teachers of physical education in middle schools in Baghdad governorate .The results indicates that the skill of a physical education teacher in planning what works assigned to him and be concern human relations and sincere assistance to the school administration and fellow teachers in physical education.

This is because human social relations are a basic and vital factor for the continued high momentum in the school community and try to innovate and renew in the school sports field.

They enjoy a high social level and are quick to adapt in their lives and their public relations, especially between school administrations and students, and they also have a decent ethics, and this result is consistent with what he indicated (Mustafa Abdel Salam 1985) (16: 69). "It is known that ethics is one of the essential components of the personality that play a great role in the ability of the individual to influence others,

The researcher also believes that the reason for the physical education teacher in middle schools being subject to the instructions and orders issued by the authority responsible for him (administration) and adherence to them, as well as being subject to the application of the teaching plan and not to violate or deviate from its texts, since most of the principals Middle schools have been chosen from the leading figures who are confident in their capabilities, and physical education teachers in middle schools can do all the requirements and work efficiently and impose their respect among all teachers in the school as a result of their dealings.

However, the directors of some middle schools cannot change some ideas and convictions when Physical education teachers and therefore their personality characteristics fluctuate between positive and negative, and this indicates that their behavior is subject to what is required of them by different circumstances and situations. They prefer the involvement of administrators and teachers in carrying out some work and delegate them to some of the Tasks with the follow-up of these tasks in carrying out some actions. So all of this leads to an increase in their performance in class leadership, as it exhibits qualities of courage, activity, kindness and adventure and does not know the danger. This result is consistent with what was indicated by (Aladdin Hussein 1986) (9: 95 "That the teacher who is characterized as practical, his thinking is based on objective facts, firm and quick solution to practical issues."

It also agrees with what stated by (Fouad Abu Hatab and Amal Sadiq 1977) (14:

138) that "a competent teacher is the one who can control his emotions and his sobriety in various situations."

This result is also consistent with the findings of the study (Youssef Nabrawi and Ali Yahya 1989) (19:27), which indicated the high feature of control.

The researcher also believes that learning methods, and positive study habits should contribute to developing creative thinking for physical education teachers, and this result is consistent with what (Saeb Ahmed 1981) (6: 97) reached "with a relationship between academic achievement and mental capabilities."

It also agrees with what he (Ibrahim Abdel Karim 2001) (1:12) indicated "We note today that nations have not measured their material or natural resources, but have become a measure of progress with what this or this nation possesses of innovative human resources." Some studies, including the study (Hussam Al-Din Azab 1974) (3: 381) have found that "innovators have the ability to confront new situations, flexibility and tolerance, the group's participation in its activities and influence it, and their ability to reach leadership positions."

The result is also consistent with what was indicated by (Zain El Abidine Abdel Hamid 1974) (4: 9-22) and (Abdel Salam Abdel Ghaffar 1977) (10: 200-201) "Besides these mental capabilities, innovative production in particular needs to There are a number of motivating factors, such as a tendency to out-thinking and emotional factors such as self-confidence, risk-taking and independence in thinking. This matter made many interested in education issues assure that the individual was given the necessary skills to reach the basic sources of knowledge, and this corresponds to what he indicated (Abdullah Abdul Dayem 2001) (11: 23). "On this basis, the developed countries concerned with education by teach their students allocate hours weekly to teach thinking first and develop it to reach the degree of creation second."

The researcher also notices that physical education teachers in middle schools feel that they are responsible for their actions, especially as for their administrations. So we see them do not tolerate the responsibilities incumbent on them and therefore they deal with them very seriously and continue their work without tiredness or boredom. But they cannot change some ideas and convictions when their fellow teachers. Therefore their personality characteristics fluctuate between positive and negative. This indicates that their behavior is subject to what dictated by different circumstances and situations, and this result is also consistent with the findings of a study (Youssef Nabrawi and Ali Yahya 1989) (19:42), which indicated a rise in poison Responsibility.

The researcher also believes that the task of education is no longer transferring information only to the teacher of physical education but rather seeks its programs and activities towards training. Upgrading their skills and more importantly developing the ability of each teacher to understand and advanced thinking, that obliges those involved in physical education to reach the best formulas and methods possible to provide Physical education teachers with scientific and pedagogical cognitive skills to develop the creative capabilities available to them.

This result is consistent with what he indicated (Ayyad Ismail 2004) (12: 25) "that the method of learning and followers of positive study habits of students can contribute to the development of creative thinking, especially among university students who can adopt appropriate habits that may lead to the development of their mental abilities as well as they help in learning and gaining experience. "Physical education teachers in middle schools also realize that they are dealing with multiple groups of society as they are studying students from different segments Social. Therefore they have a high level of social contact, especially in the surrounding community, which gives the physical education teacher a high profile social image, and hence they have a negative characteristic of social attribute, and this result is consistent with what he reached (Muhammad bin Muhammad 2008) (17: 208) which indicated a high social feature.

Conclusions and recommendations:

Conclusions:

- There is a great harmony and impact between the dimensions of leadership styles (initiation, interest in work, and care about human relations) with the dimensions of innovative thinking (fluency, flexibility, and originality) among physical education teachers in middle schools in Baghdad Governorate.
- There is a great harmony and impact between the dimensions of personality traits (control, responsibility, emotional equilibrium, and social balance) with the dimensions of creative thinking (fluency, flexibility, and originality) among physical education teachers in middle schools in Baghdad Governorate.

- The direct effects of the dimensions of the leadership pattern scale with the dimensions of the scale of creative thinking were of positive significance.
- The direct effects of the dimensions of the scale of personality characteristics with the dimensions of the scale of creative thinking were of positive significance.

Recommendations:

- The necessity of paying attention to the final results that were reached by the middle school departments and with regard to the way they deal with physical education teachers.
- The necessity of conducting similar studies on physical education teachers in primary and middle schools in order to arrive at a knowledge of the type of correlation between the three dimensions of their standards.
- The necessity of conducting a similar study for the comparison of physical education teachers in primary and middle schools on the three scales.
- The necessity of conducting a similar study on physical education teachers in primary, middle and middle schools in order to arrive at a knowledge of the type of correlation between the three dimensions of their standards.

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