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THE EFFECT OF THE IMPERATIVE METHOD IN TEACHING PHYSICAL EDUCATION CURRICULA FOR THE PRIMARY STAGE

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Abstract

Physical education is considered a science like the rest of the other sciences, as most of these sciences depend on the mathematical sciences, and sports also depend on these sciences, whether they are educational, human, or pure sciences. Therefore, it can be said that sports have a direct relationship with the rest of the sciences and influence them and are affected by them. The relationship is close and has strong ties. Multiple. The extent of the progress of the sports movement depends on the nature and level of school sports, which is considered the broad base and foundation for the development of the sports movement () and that school sports depend essentially on sports movements. Through the lesson, we can discover the potential and abilities of students physically, skillfully, or socially, and point out the talents of the students that can be taken care of and employed. In serving the students, and the success of the lesson depends on the development of these capabilities and benefiting from incorporating them into the activities and activities of the lesson. The diversity in the use of different methods and methods of teaching works to relieve students' boredom resulting from the use of one method, and the successful teacher is the one who is good at applying more than one method, and is interested in taking into account the inclinations and tendencies of the students because these inclinations and tendencies represent motives to stimulate the individual and those. The methods that recent studies have proven to be useful in increasing and speeding up education and developing skills more quickly than other methods are competition methods. However, we will discuss an old and wonderful method at the same time that is applied until now in almost all Iraqi schools. This method depends primarily on the teacher. It is the imperative method, and I chose this method for this stage because this method is one of the important methods in teaching younger ages, especially. Due to the vitality of this age stage, the teacher's primary duty is to organize and control the course of the study to achieve its set goals and thus bring about the correct learning process for the students.

Introduction

The level of school sports has declined in Baghdad Governorate in general and in Al-Dura district in particular. It is a sad reality. This decline and decline in the physical education lesson for the primary stage is due to the many difficulties facing this lesson. In order to address and overcome them, they must be studied in a scientific and accurate manner, and what distinguishes this lesson. The primary stage is the cornerstone of all the rest of the stages. The difficulties faced by this stage are the basis of the difficulties faced by the rest of the stages in the physical education lesson. Knowing these difficulties and trying to find appropriate solutions to them is certainly a big step and a bold attempt to raise the level of school sports, and one of these difficulties is implementing a lesson. Physical education in the primary stage requires the teacher to fully control the young students and integrate their great energy and vitality to serve the lesson. There are many methods and methods that work on this, but in the researcher's opinion, the imperative method is one of the best methods in teaching the physical education lesson for the primary stage.

Research objective

Identifying the advantages of the imperative method in teaching the physical education lesson for the primary stage.

Research hypothesis

There is a relationship between the imperative style and the lesson of physical education in the primary stage

Research areas

- The human field: physical education teachers in Al-Karkh Secondary Education.
- Time frame: from 1/21/2023 until 4/5/2023
- Spatial area: Primary school schools for boys in Al-Karkh Secondary Education

Definition of terms

Primary stage

This stage is called late childhood and begins with the child entering primary school and ends at the age of twelve years.

Theoretical studies

Physical education lesson in the primary stage

This stage is called the late childhood stage, and it begins with the child entering primary school and ends with its end, at the age of twelve years. Therefore, this stage can be divided into two parts-:

The first section

From six to nine years of age, which corresponds to the first, second and third grades of primary school. Physical growth at this stage is characterized by increased growth of the torso and the

rest of the organs, the growth of the large muscles in the arms and legs increases, and the chest begins to expand and round. As for motor development, the child is always in motion and does not stay in one position for a long time. Over time, the child's control over his movements increases. He is also able to focus his attention for long periods on performing a specific activity. The child's movements show signs of accuracy and correct timing in performing his activity, and a difference also appears in the performance. Some movements between boys and girls. The physical education lesson at this stage may contribute to raising the level of motor development to a great extent, as at the end of this stage the student masters most of the basic motor skills such as walking, running, jumping, jumping, throwing, and standing. At the end of this stage, the student can be given some complex movements. Such as throwing, standing, and running, for example. At this stage, the student has the ability to respond to motor performance that is linked to different types of timing and rhythm. Therefore, students must be taught some motor skills using simple rhythms.

The second section

From ten to twelve years of age, which corresponds to the fourth, fifth, and sixth grades. The physical and motor characteristics in this period are clear. Growth in terms of height and weight is characterized by stability, small muscles grow clearly, the growth of the heart and lungs approaches normal size, and individual differences in height and weight appear among students. At the end of this stage, internal changes begin in the composition of the body and glands, and the periods of onset of sexual maturity vary clearly. Motor development increases during this period, as the child is able to increase control over his movements and their agility and speed increase. At this stage, the phenomenon of learning appears at first glance, which causes the performance of motor skills without mastery, which requires a great effort from the teacher in teaching the skill or re-teaching it correctly. At this stage, the students' levels of motor experiences vary due to many factors, and the student's environment may have the greatest impact, and most indicate Studies indicate that this stage is one of the important stages in gaining experience in various sports games and movements and can be considered the appropriate stage for early specialization in sports activities.

Objectives of the physical education lesson in the primary stage

Physical education has physical, social, and mental values that are not achieved by simply involving students in play, but rather requires certain special directions and appropriate selection of goals, the effectiveness of which is demonstrated through curriculum materials, the application of work plans, and their correct use through rational teaching methods in order to facilitate the process of students acquiring the physical abilities and motor skills that they require. He benefits from it physically, mentally, and socially. Objectives, in their general sense, are considered basic matters and crucial components in building the curricula to be applied through selecting lesson materials to achieve the specific purposes that are intended to be achieved. Therefore, it is necessary to choose clear objectives for physical education that determine for the teacher the direction in which he must move to achieve the following objectives.

- 1. Rooting national and patriotic principles in the souls of students, stoking their enthusiasm, directing their drive to love the homeland, and introducing them to its gains.
- 2. Preparing students according to society's requirements and aspirations to contribute to its development and progress and increase its production efficiency.
- 3. Achieving the continued integrated development of students by practicing activities and sports and directing them to take care of public health.
- 4. Teaching students the basic principles of basic skills for games and activities, developing physical abilities, such as strength, length, and speed, and improving their motor accuracy.
- 5. Improving social relations, developing the work spirit, and providing the appropriate atmosphere for the development of educational characteristics such as a sense of responsibility, cooperation, love, belonging, and loyalty to the group.

The importance of the physical education lesson in developing school sports

"Physical education, like other academic subjects, is considered one of the educational means in the school field. The physical education lesson contains many activities, skills, and physical and skill activities, all of which are taught to the students in order to raise their physical, motor, and skill levels within a single methodological vocabulary. To this is added the teacher's experience, ability, and scientific, educational, and athletic abilities, and then employing that in order to develop the lesson first, and then developing physical education. At the school level. The necessary attention and care required for the daily lesson is the first and important step to ensuring the achievement of the goals set, whether for the students or the school, including raising the level of students skillfully, physically, and socially, then working to raise the athletic level in the school through developing school sports teams. Thus, the level of students can be raised athletically and During the growth of school sports, this contributes to the development of school sports in general.

The physical education teacher and his role in the success of the physical education lesson plan

The teacher plays an important role in the school because he possesses the qualities of wise leadership. He is also considered one of the beloved personalities among the students and influences them, which has a distinct peculiarity from the rest of the school subjects, because he deals with them in a manner of kindness, gentleness, patience, and firmness. He also contributes his personal efforts to giving He provides some guidance and instructions to make their work successful, and he is "a social pioneer who helps in raising them in the physical, psychological and social aspects and thus results in them growing up healthy in body and soul "Among the qualities that determine the role of the teacher in the lesson and that he must possess are:-

- To love his profession and be familiar with its theoretical and applied nature.
- He must have good health, ability and physical ability.
- To be a role model and a good role model in everything.
- To be familiar with his subject and teaching methods.
- To take into account the inclinations and desires of the students.
- Continuous care and maintenance of its tools, equipment, arenas and sports fields.

- To cooperate with the school administration in implementing the prescribed curriculum.

Therefore, the physical education teacher has an effective role in activating the sports movement inside and outside the school, which contributes to activating the role of students in practicing sports activities with great acceptance and enthusiasm, through good preparation for all requirements for the success of the daily lesson, preparing sports teams, and involving them in extracurricular activities inside the school.

Physical Education Curriculum

A good sports curriculum in any school must take into account the following matters

- The nature of the students who will participate in the program activities.
- Characteristics of the community in which students live.
- The time available and allocated to the sports program.
- The available material and human capabilities.
- Classification of students according to school grades.

Components of the physical education curriculum

The physical education curriculum in all schools is divided into three sections:

The basic or (school) curriculum

This curriculum is considered the academic course in which all physical education subjects are implemented in an organized manner through the daily lesson schedule and in which all students participate.

Internal sports activity

This activity provides an opportunity for all students to participate in sporting activities outside of official working hours and is considered one of the complementary parts of the physical education lesson. Its purpose is to satisfy the students' desires and inclinations and refine and train sports skills.

Outdoor sports activity

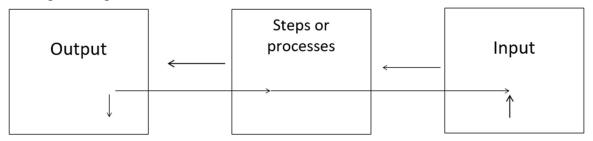
Sports activities provide opportunities for students to express natural desires and measure the strength and skill that have been acquired through the physical education lesson. This activity requires good leadership by the teacher to exert their maximum efforts to achieve educational values. This activity is considered optional and students are not forced at school to participate in it. This activity is considered an integral part of the comprehensive general program for physical education, and the races that take place take place according to agreed-upon rules and conditions for the purpose of identifying the winners among the participants, raising morale, and strengthening the bonds of the relationship between the students and the school on the one hand and between the school and society on the other hand.

Teaching a physical education lesson

Teaching is an educational means to achieve cultural communication for the human race by transferring experience, skills, and ideas to future generations. It is a diverse, repeated experience to study the human soul and society and learn about their capabilities and mutual influence. It is also a type of mental exchange between two parties, both of whom benefit from the mental

encounter that refines his intelligence and develops his personality. When the teacher helps the student to gain experience, he suffers from the differences in the students' abilities and finds himself forced to treat members of a society of individuals who are independent of each other. The teacher may sometimes find an aversion to his knowledge and an asceticism in his efforts, which forces him to review himself and discover the reasons for this. Teaching is a communicative activity that aims to stimulate learning and facilitate the task of achieving it. Teaching behavior includes a set of communicative actions and decisions that are exploited and employed in an intended manner by the teacher. The teaching process is a dynamic process during which interaction takes place between the sender (the teacher) and the receiver (the learner) through (an idea, information) and measuring its impact on the recipient. The teaching process is defined as "a set of skills and plans that can be practiced and rehearsed in order to reach their goals "The teaching process is also defined as "a purposeful and planned human activity, in which interaction takes place between the teacher, the learner, the learning subject, and his environment. This activity leads to the growth of the cognitive, skillful, and emotional aspects of both the teacher and the learner, and this activity is subject to a comprehensive and continuous evaluation process ".Teaching examines the objectives, duties, and content of the lesson, as well as the foundations, organization, means, methods, and methods of teaching. Teaching aims to achieve two basic goals

- 1. Achieving unity between the teaching process and the educational process, meaning that teaching is a theory of teaching and pedagogy in the classroom in general.
- 2. Achieving unity between knowledge, theory and practical application, that is, between theory and practice. Being satisfied with acquiring theoretical knowledge without giving the student the opportunity to apply this knowledge to practical reality makes him disconnected from the reality of his social life on the one hand, and also leads to the student losing his interest in this knowledge on the other hand. Figure (1) shows the role of teaching in creating learning



.. Figure (1) shows the teaching process as an integrated system

The teaching process can be expressed as an interactive process between two main parties, the teacher and the learner. It is no longer a one-sided process that depends on the role of the teacher, and the learner no longer exercises a negative role as he now has sufficient experience and many topics and needs many questions. It is concerned with organizing learning situations and forming an environment for the learner. In a way that enables him to learn to practice a specific behavior, the teacher's responsibility crystallizes in providing an educational environment that enhances

the correct and desired behavior among the learners through careful organization and the provision of information in an organized and planned manner. This would develop in the learners self-development, cooperation and positive communication, which leads to better learning.

Methods of teaching physical education lessons

In the early sixties, special interests and ideas emerged regarding the necessity of using teaching methods and methods that care for the learner and moving from old concepts that emphasize the role of the teacher as being directly responsible for teaching behavior, which is "a series of decisions that are unilateral to serious educational concepts and to creating new relationships between the teacher and the student." the process of interaction between the teacher and the student always reflects a certain behavior and a special educational behavior. Teaching methods are a series arranged together, and this theory has been widely applied in the field of physical education, and since that time teachers have been working with it successfully. Teaching methods have been defined as "a group of the teacher's own and preferred teaching styles that are closely linked to the teacher's personal characteristics "The teacher's transition between teaching methods is an important part of the educational process. These methods have varied and a group of teaching methods has emerged that has adopted the methods and methods of teaching physical education, and this is what we notice in him (Mustin, Doherty, Peterson, and Bonanno), noting that (Mustin) comes at the forefront of these in He presented new methods and methods, especially with regard to the level of motor performance, and he continued to develop this trend since 1960 without changing the foundations and principles on which these methods were previously built. These ideas of his have found great popularity and acceptance among those working in the sports community.

Types of methods

Muston's methods were divided into

Direct methods: - in which the effect of the teacher's behavior is clear, which are:

The imperative style.

The reciprocal (cooperative) method

Training method.

Method of introduction and inclusion (motor duties)

Self-examination method (self-review)

Indirect methods: in which the effect of the student's behavior is clear, they are:

- Guided discovery method.
- Self-training method.
- Derivation method.
- The branched method.
- Diversified learning style.
- Learning style in the individual program.

These methods are based on foundations and principles that depend on who makes the specific decisions at each stage of the teaching process, which are the pre-teaching stage, the teaching stage, and the post-teaching stage. That is, any method is known by the teacher or the student, or

both, by distributing the specific decisions taken or prepared by The teacher, the student, or both in the teaching process involved, and Muston points out that each method has a specific duty in the student's development from the physical, social, behavioral, and mental aspects

Imperative style

After all, this method is one of the methods that are still used in teaching physical education skills, and it is the first method in the group of methods, in which the teacher is the only controller who makes all the decisions in the pre-lesson stage, the lesson implementation stage, and the post-lesson stage, and the student must obey those orders and implement what He is asked and the essence of this method is the incentive and command signal from the teacher that precedes any motor achievement by the student - and the response issued by the student. Accordingly, all decisions, whether they are about taking the place, the start time, or the duration of the exercise, are all taken by the teacher And if we want to explain how The process of making decisions in this method, as defined by Muston, will be as follows:

Imperative style	Stages of the teaching process
teacher	Pre-teaching stages
teacher	Teaching stages
teacher	Post-teaching stages

Figure (2)

Demonstrates the transfer of decision making in this method

Advantages of this method

- 1. This method can be used with young students.
- 2. It can be used with beginners in practicing the profession.
- 3. This method can be used in difficult events in order to control the course of action.
- 4. It can be used to correct common errors in events and individual errors.

Objectives of the imperative method

- 1. Direct response
- 2. Accuracy in response
- 3. Control of achievement
- 4. Control the students administratively, discipline, and work.
- 5. Maintaining the rules set for the lesson.
- 6. Avoid choices.
- 7. Economic in time.

Research methodology and field procedures

Research methodology

The researcher used the descriptive survey method to suit the nature of the research.

The research community and its sample

The research community consists of (22) primary schools for boys within Al-Karkh Secondary Education. The research sample was tested using a random (regular) method. It included (15) physical education teachers in primary boys' schools.

Methods of data collection

Sources

- A questionnaire form for experts and specialists.
- Questionnaire form for sample members.
- Personal interviews.

Determine the paragraphs of the questionnaire

The researcher designed a questionnaire form, after it was presented to a group of (3) experts specialized in physical education. The researcher distributed this form to the research sample to answer it. The form included the most important and prominent basic topics through which appropriate solutions can be found. she has.

Scientific transactions for the questionnaire

Validity of the form

The researcher proved the validity of the questionnaire by presenting it to a number of experts, and asking them to answer it in the form (valid, invalid, modification). Some paragraphs were modified and others were reformulated, and according to the agreement of the experts, the agreement rate was (75%), and accordingly, it was deleted. Some paragraphs and other paragraphs were added, so that the number of paragraphs in its final form was (46)

The stability of the form

To determine the reliability of the questionnaire form, the researcher resorted to using the retest method to calculate the reliability coefficient using the Pearson correlation coefficient, which reached (79%)

Objectivity of the form

Objectivity means that the questions have the same meaning for the different members of the sample to whom these questions are directed, meaning that the question does not accept interpretation or controversy. Asking the questions to the sample confirmed their sobriety and ease of understanding. Thus, the researcher may have confirmed the objectivity of the questionnaire.

Exploratory experience

The researcher conducted a survey experiment on (4) teachers from the research community, selected randomly, in order to identify the suitability of the form and identify the time required to answer it.

Application of the main experiment

After ensuring the validity of the questionnaire, the questionnaire form was distributed to the research sample for the period (1/21/2022) until (4/22/2022), where some teachers were assisted in the process of distributing the questionnaire to be answered by the sample.

- Statistical methods
- The researcher used the following statistical methods
- percentage
- Simple correlation lab (Pearson)

References

- 1. Abd, Z. A. H. (2022). Individual analysis of kinetic response variables according to the measurement of the H7 system for the best jumping players in the national basketball team 2021. Sciences Journal Of Physical Education, 15(3).
- 2. Abdalah, A. H., & SalehRadhiAmesh, H. S. M. (2024). THE EFFECT OF USING HIGH INTENSITY EXERCISES (HIIT) IN THE LACTIC ACID INDEX IN THE BLOOD AND THE DEVELOPMENT OF SPEED ENDURANCE IN SOCCER REFEREES. International Development Planning Review, 23(1), 176-190.
- 3. Abdel-Nabi, M., Taqi, B. M., & Hammood, A. H. (2020). Leadership patterns for university student activities managers according to the Blake and Moton model (The managerial Grid). Sciences Journal Of Physical Education, 13(7).
- 4. AbdulsalamWaheeb, A., Tawfeeq, M. I., Raheem, B. A., & Dakheel, H. O. (2024). COMPARISON OF THE PERFORMANCE OF THE FOREHANDKICK (STRAIGHT AND ACCOMPANIED BY FORWARD ROTATION) IN TERMS OF ACCURACY AND SPEED AMONG THE PLAYERS OF THE NATIONAL TEAM (ADVANCED CATEGORY) IN TENNIS. International Development Planning Review, 23(1), 138-148.
- 5. Ahmed Fadhil Farhan Mohammed Jawad Kadhim, G. M. S. (2016). THE EFFECTIVENESS OF INJURY PREVENTION PROGRAM ON REDUCING THE INCIDENCE OF LOWER LIMB INJURIES IN ADOLESCENT MALE SOCCER PLAYERS. Injury Prevention, 22(Suppl 2, 346. https://www.proquest.com/openview/fd995719bc359d2e05fa6fe346bed0f6/1?pq-origsite=gscholar&cbl=2031963
- 6. Ahmed Obaid, M., Hussein Khalifa, A., & Saad Rabeea, M. The Effect of an Electronic Device Designed to Measure the Knee Bending Angle in Developing the Skill of Catch and Clearance the High Ball for Football Goalkeepers. Annals of Applied Sport Science, 0-0.
- 7. Al, A. H. H. A. N., Fatlawi, A. M. A. A., & Al-Fatlawi, H. A. A. N. (2023). The Effect of Using Adhesive Tapes (Kenzo Tape) in Rehabilitating the Shoulder Muscles of Throwing Players in Paralympic Athletics Events. Pakistan Heart Journal, 56(2), 140-146.
- 8. AL-Attar, L. S. A., & Jari, H. S. (2023). The Effect of Special Exercises According To a Designed Device in Developing the Performance of a Kinetic Chain on the Balance Beam Device. Revista iberoamericana de psicología del ejercicio y el deporte, 18(3), 254-258.
- 9. Ali, M. F., & Jameel, S. M. (2020). Time of Motor Response To Stimuli (Auditory and Visual) and Its relationship with Blocking Accuracy In Volleyball. Journal of Physical Education, 32(4).
- 10. Ali, S. (2019). The Effect Of Compound Exercises Using Visual Training Aid On Tactical Performance Of Deaf Soccer League Players. Journal of Physical Education, 31(2).

- 11. Ali, Y. S., & Khlef, M. M. (2021). A Historical Study of Iraqi Paralympic Participations in IPC World Championships Athletics from 1990 till 2017. Journal of Physical Education, 33.(2)
- 12. Ali, Y. S., Abdulhussein, A. A., & Jassim, A. H. (2023). EMPLOYMENT OF RESISTANCE EXERCISE IN ACCORDANCE TO VARIABLE BIOMECHANICAL MARKERS TO DEVELOP THE STRENGTH AND THE SPEED OF ARM MUSCLES OF WATER POLO PLAYERS. International Development Planning Review, 22(2), 589-605.
- 13. Awad, M. K., Qasim, K. J., & Ali, S. H. (2024). Using an educational method according to special exercises to perform the skill of bow and develop flexibility for cub wrestlers in Iraq. Eximia, 13, 38-50.
- 14. Aziz, A. A., & Zoon, E. A. (2021). Contribution of the Added Resistors to the Strength Endurance Test for Achievement a 1500-Meter Run for Youth Runners. Indian Journal of Forensic Medicine & Toxicology, 15.(3)
- 15. Comparative Study Between Analytical and Holistic Students' Styles In Artistic Gymnastic Class In College of Physical Education and Sport Sciences Students. (2017). Journal of Physical Education, 29(4), 274-284. https://doi.org/10.37359/JOPE.V29(4)2017.303
- 16. Danna, S, boxing the complete guide to training and fitness, New York USA: Berkley publishing group,2000, p32-77
- 17. Dhahi, N. M., Hani, A. T., & Khudhair, M. O. (2022). A study of mental perception and sports confidence and their relationship to the motivation of sports achievement for the players of the Iraqi premier league football clubs. Revista iberoamericana de psicología del ejercicio y el deporte, 17(6), 391-395.
- 18. Easa, F. A. W., Shihab, G. M., & Kadhim, M. J. (2022). the Effect of Training Network Training in Two Ways, High Interval Training and Repetition To Develop Speed Endurance Adapt Heart Rate and Achieve 5000 Meters Youth. Revista Iberoamericana de Psicologia Del Ejercicio y El Deporte, 17(4), 239–241.
- 19. Effect of Electronic Guidance Program Using (Lecture Maker) on the Improvement of Academic Achievement Motivation in Soccer for Physical Education and Sport Sciences' Students. (2021). Journal of Physical Education, 33(4), 91-104. https://doi.org/10.37359/JOPE.V33(4)2021.1216
- 20. Fadel, G. A., & Kadem, M. J. (2021). Youth and Sports Forums' Administration and Their Relationship with Baghdad's Youth and Sport Directorates Forum Organizational Culture from Workers' Point of View. Journal of Physical Education, 33(3), 1–15. https://doi.org/10.37359/jope.v33(3)2021.1182
- 21. Fadil, A. H., & Mohammed, K. S. (2022). Constructing and Rationing A Test for the Skill of Receiving the Serve From Above in Volleyball for Third-Year Students in the Faculty of Physical Education and Sports Sciences. Revista iberoamericana de psicología del ejercicio y el deporte, 17(3), 140-142.

- 22. Faridi, M., Hussein, M. N. A., & Wani, I. A. (2022). Rehabilitation of Self-Confidence Through Meditation, Relaxing Exercises, and Personal Counseling. International journal of health sciences, (I), 962-968.
- 23. Fathi, M. K. (2022). Design and rationing of a test to measure the accuracy of shooting by jumping forward from the goal area line as a result of the quick attack of handball players. Revista iberoamericana de psicología del ejercicio y el deporte, 17(5), 294-298.
- 24. Ghafoor, Q. H. A., Salman, A. D., & Ali, S. A. S. (2022). Effect of Proposed Exercises Using the Sponge Mat in the Performance of the Skill of Court Defence in Sitting Volleyball. Specialusis Ugdymas, 1(43), 2135-2144.
- 25. Hadi, A. A., & Naser, A. J. J. (2021). The Effect of Electronic Apparatus on Developing Balance in National Center for Gifted in Boxing and Basketball. Journal of Physical Education, 33.(2)
- 26. Hadi, D., & Kadhum, W. (2021). Building and measuring e-learning scale from the point of view of students of the College of Physical Education and Sports Sciences-University of Baghdad. Modern Sport, 20(4), 0126-0126.
- 27. Hasnawi, Z. A. K. (2022). The effect of exercises using some training methods to help develop some physical and consensual abilities of young football offensive linemen. Misan Journal for Physical Education Sciences, 26.(26)
- 28. Hassan, A., & Mahmoud, I. A. (2023). The effect of the Perkins-Blyth model on learning some compound skills in soccer for second intermediate students. Journal of Physical Education, 35(1).
- 29. Hiama, A. H., & Al-Asadi, H. H. (2023). Effect of the reality of transformational leadership of school principals from the point of view of physical education teachers of Baghdad-Rusafa Education Directorates. Mustansiriyah Journal of Sports Science, 5(3), 20-29.
- 30. Hiama, A. H., & Al-Asadi, H. H. (2023). Effect of the reality of transformational leadership of school principals from the point of view of physical education teachers of Baghdad-Rusafa Education Directorates. Mustansiriyah Journal of Sports Science, 5(3), 20-29.
- 31. Husein, M. (2012). Platform proposal impact in the development of some special physical abilities in the level of achievement of ran (1500) meters of the young players in athletics. Journal of Physical Education, 24.(3)
- 32. Hussein, A. A. A., & Sakhi, A. S. (2020). The use of the electronic system with special exercises and its impact in the development of shooting on the basketball for young people. Mustansiriyah Journal of Sports Science, 2(4), 24-29.
- 33. Jamal, A., & Muayed, G. (2023). The effect of using an auxiliary device in teaching the spindle skill on the pommel horse in the artistic gymnastics for juniors. Journal of Physical Education, 35(2), 413–421. https://doi.org/10.37359/JOPE.V35(2)2023.1456
- 34. jawad kadhim, M., & Mahmood, H. (2023). The effect of special exercises for some physical, motor and electrical abilities accompanied by symmetrical electrical stimulation

- in the rehabilitation of the muscles of the arms of patients with simple hemiplegic cerebral palsy. Journal of Physical Education, 35(3), 618–593. https://doi.org/10.37359/JOPE.V35(3)2023.1515
- 35. Jawad Kadhim, M., & Mousa, A. (2024). The use of an innovative device to improve the efficiency of the posterior quadriceps muscle of the man after the anterior cruciate ligament injury of advanced soccer players. Journal of Physical Education, 36(1), 239–214. https://doi.org/10.37359/JOPE.V36(1)2024.1934
- 36. Jawad Kadhim, M., & Salman Ahmed, W. (2016). Evaluating Training Program Using Physiological and Biochemical, and Physical Indicators On National Artistic Gymnastics League For Men. Journal of Physical Education, 28(3), 116–129. https://doi.org/10.37359/JOPE.V28(3)2016.1064
- 37. Jawad, M., & Jabbar Shinen, I. (2016). Prediction by the maximum oxygen consumption in terms of the concentration of lactic acid after the maximum physical effort for football players (18-25 years). Journal of Physical Education, 28(3), 99–115. https://doi.org/10.37359/JOPE.V28(3)2016.1063
- 38. Jones, Haward L. & et. at. How Teachers Perseive similalities and Differences Among Various Teaching models, Journal of Reserch In Sciense Teaching, Vol. 17 No. 4 1980
- 39. Jumaah, A. H., & Ameen, B. A. M. (2023). The Effect of the Strategy of Differentiated Education According to the Auditory Learning Style by Using Assistance in Learning the Back Kick (T-Chagi) for the Young Players of Specialized Schools in Taekwondo. Pakistan Heart Journal, 56(1), 137-148.
- 40. Kadhim, M. J. (2012). The effects of drinking water, magnetized through training on some biochemical variables in blood. Journal of Physical Education, 24(1), 453–480.
- 41. Kadhim, M. J., Shihab, G. M., & Zaqair, A. L. A. A. (2021). The Effect of Using Fast And Direct Cooling after Physical Effort on Some Physiological Variables of Advanced Football Players. Annals of the Romanian Society for Cell Biology, 25(6), 10014–10020. https://annalsofrscb.ro/index.php/journal/article/view/7336
- 42. Kadhim, M. M., & Hamdan, R. K. (2020). The effect of using anaerobic ability exercises with suggested intensity on some physical and functional variables among young handball players. International Journal of Psychosocial Rehabilitation, 24(4), 1475-7192.
- 43. Kanger Hamdan, R., & Sukny, H. S. (2017). Exercises skill according to private analysis of the game and its impact on the effectiveness of performance rebuff players skill of the National Center for the care of sports talent handball. Karbala Journal of Physical Education Sciences, 4.(1)
- 44. Kazim, M. J., Zughair, A. L. A. A., & Shihab, G. M. (2019). The effect of zinc intake on the accumulation of lactic acid after cooper testing among football Premier league referees. Sciences Journal Of Physical Education, 12(5), 260–268.
- 45. Khaleel, S. N., Ali, S. A., & Salloom, M. M. (2022). THE RELATIONSHIP OF AGILITY WITH MY DRIBBLING AND SCORING SKILLS IN FOOTBALL.

- 46. Khudhair, M. O., Jasim, H. T., & Hani, A. T. (2022). Aggressive Behavior And Its Relationship To The Phenomenon Of Bullying Among Young Football Players Aged (17-19) Years. Revista iberoamericana de psicología del ejercicio y el deporte, 17(6), 399-401.
- 47. Kilani, H. A., Bataineh, M. A. F., Al-Nawayseh, A., Atiyat, K., Obeid, O., Abu-Hilal, M. M., ... & Kilani, A. (2020). Healthy lifestyle behaviors are major predictors of mental wellbeing during COVID-19 pandemic confinement: A study on adult Arabs in higher educational institutions. Plos one, 15(12), e0243524.
- 48. Kzar, F. H., & Kadhim, M. J. (2020). The Effect of Increasing Rehabilitation Program Using Electric Stimulation On Rehabilitating Knee Joint Working Muscles Due to ACL Tear In Athletes. Journal of Physical Education, 32(3), 14–18. https://doi.org/10.37359/jope.v32(3)2020.1012
- 49. Kzar, L. F. H., Ali, Y. S., Sabah, W., & Al-Khafaji, M. (2020). The effect of aerobic training according to genetic diversity on some biochemical variables and the digital level to reduce sports injuries in swimming. International Journal of Psychosocial Rehabilitation, 24.(09)
- 50. Lian, D., & Atiyah, H. (2024). Physical Activity, Sleep and Health-related quality of life (HRQOL) for college students in Iraq. Journal of Physical Education, 36(1), 213–198. https://doi.org/10.37359/jope.v36(1)2024.2064
- 51. Mahdi, A. M., & Alethawi, A. H. (2023). the reality of the organizational excellence of the administrative bodies of Baghdad sports clubs through coach's views. Journal of Physical Education, 35(3).
- 52. Mahmood, H. A., & Kadhim, M. J. (2023). Special exercises for some physical, kinetic and electrical abilities accompanied by symmetrical electrical stimulation in the rehabilitation of the muscles of the legs for patients with simple hemiplegic cerebral palsy. Pakistan Heart Journal, 56(1), 580-595.
- 53. Majid, S., & Jawad, M. (2023). Effect of consuming sodium bicarbonate on the numeric value of the accumulation of lactic acid levels in the blood after maximum physical effort between gymnastics and judo players. Journal of Physical Education, 24(4), 30. https://jcope.uobaghdad.edu.iq/index.php/jcope/article/view/1817
- 54. MANDOOBMAKKIATI, A., & ABED, Y. (2024). AN ANALYTICAL STUDY OF THE ORGANIZATIONAL CRISES FACING COACHES IN THE IRAQI FOOTBALL LEAGUE. International Development Planning Review, 23(1), 226-236.
- 55. Matrood, M. H., & Alshamma, H. F. (2019). The Effect of Breathing Exercises on Relation and Self–Talk on Developing Ambition Level According to VTS–Sport and Achievement in Long Distance Runners. Journal of Physical Education, 31.(3)
- 56. Moayed, A., Moayed, G., & Jawad, M. (2019). The Effect of Group Investigation Model on Learning overhead and underarm Pass in Volleyball. Journal of Physical Education, 31(2), 176–181. https://doi.org/10.37359/JOPE.V31(2)2019.926

- 57. Mohammed, K. S., Flayyih, M. S., & Rumeeh, A. F. (2020). Building and codifying a scale of the level of tactical performance of advanced volleyball players. International Journal of Psychosocial Rehabilitation, 24(10).
- 58. Mohammed, S., & Husham, Q. (2018). The Effect of Proposed Exercises Using Sponge Mat On the Level of Performing Offensive Skills in Sitting Volleyball. Journal of Physical Education, 30(1), 64–80. https://doi.org/10.37359/JOPE.V30(1)2018.320
- 59. Mohsen, Y. F., Makttof, A. M., Sami, M. M., Hikmat, T. Z., Hammood, A. H., Abed, N., & Abdulhussein, A. A. (2024). EVALUATING THE EFFECTIVE CREATIVE LEADERSHIP ROLE OF THE DEAN AND HEADS OF SCIENTIFIC DEPARTMENTS IN THE COLLEGE OF PHYSICAL EDUCATION AND SPORTS SCIENCES AL-MUSTANSIRIYAUNIVERSITY. International Development Planning Review, 23(1), 321-337.
- 60. Mousa, A. M., & Kadhim, M. J. (2023). NMUSING AN INNOVATIVE DEVICE TO IMPROVE THE EFFICIENCY OF THE ANTERIOR QUADRICEPS MUSCLE OF THE INJURED KNEE JOINT AFTER SURGICAL INTERVENTION OF THE ANTERIOR CRUCIATE LIGAMENT IN ADVANCED SOCCER PLAYERS. Semiconductor Optoelectronics, 42(1), 1504–1511.
- 61. Muhammad Hassan Halil,& Ahmed HaithamFadel. (2018). The Effect Of Special Exercises On Learning Hurdle Clearing And The Rhythmic Triple Step Of 100m Hurdles Aged 14–15 Years Old. Journal of Physical Education, 30.(1)
- 62. Muhsen, A. S. (2020). Relationship of some fitness elements with the performance of lifting the iron ball (weight) by gliding method. International Journal of Psychosocial Rehabilitation, 24(10), 1475-7192.
- 63. Naser, M. A., & Rashid, A. D. (2022). The effect of compound exercises for the arm least used in developing the accuracy of the passing skill of the handball for ages (15-17) years. Journal of Algebraic Statistics, 13(3), 661-666.
- 64. Nasser, A. J., & Ahmed, D. M. (2022). The effect of battle rope exercises on increasing the number of single, double and multiple punches in elite boxing. Revista iberoamericana de psicología del ejercicio y el deporte, 17(5), 260-263.
- 65. Nasser, M. A., & Rashid, A. D. (2022). The Effect of Compound Exercises on the Non-dominant Arm on the Development of Scoring in Handball for Players aged (15–17) Years Old. Journal of Physical Education, 34.(4)
- 66. Obaid, M. N., Mohammed, A. F., & Fahmi, R. A. S. (2024). A Comparative Study of Some Types of Muscular Strength Among Middle-Distance Runner Athletes. Fitness, Performance and Health Journal, 3(1), 1-5.
- 67. Obaid, M. N., Mohammed, A. F., & Fahmi, R. A. S. (2024). A Comparative Study of Some Types of Muscular Strength Among Middle-Distance Runner Athletes. Fitness, Performance and Health Journal, 3(1), 1-5.

- 68. Obeid, M. N., & AlShemaa, H. F. (2019). Standardizing Dynamic Lactic Training According to Finnish Scoring Tables on First Day Contestant in Decathlon for U20. Journal of Physical Education, 31(3).
- 69. Qasim, K. J., & Ibrahim, A. J. (2023). Effect of amino acids (Bcaa) on some physical abilities of advanced futsal players. journal of the college of basic education, 29 .(121) https://www.iasj.net/iasj/article/288799
- 70. Qasim, K. J., & Ibrahim, A. J. (2023). Effect of amino acids (Bcaa) on some physical abilities of advanced futsal players. journal of the college of basic education, 29(121).
- 71. Redha, H. A., & Sekhi, H. S. (2020). The Effect of Refereeing Situations Using Communication Device on Some Environmental Perceptions of Volleyball Referees. Journal of Physical Education, 32.(3)
- 72. Sabbar, O. S., Jawad, A. M., & Jabbar, M. A. (2023). The History of Clubs?: Participation in the Iraqi Volleyball Premier League and Its Results for the Period from (1991 to 2022). Revista iberoamericana de psicología del ejercicio y el deporte, 18(3), 288-290.
- 73. Sabhan, H., & Abd AL-Hussein, D. (2015). Visual Vision, and their relationship in the performance of high-Spike Diagonal and rectum skill accuracy Volleyball. Journal of Physical Education, 27.(4)
- 74. Saleh, Y. M., & Ali, Y. S. (2022). Special exercises using various means to develop endurance (speed, strength) and the achievement of the 100m freestyle swimming for the disabled S10 class men. International Journal of Early Childhood Special Education, 14.(3)
- 75. Salih, I. H., Yaseen, A. M., Naseer, K. J., Attieh, A., & Kadhim, M. J. (2024). THE IMPACT OF COMPETITIVE SPEED EXERCISES ON JUNIOR BOXERS'EFFECTIVENESS OF SKILL PERFORMANCE AND COUNTERATTACK SPEED. International Development Planning Review, 23(1), 149–162.
- 76. Salim, A. T., Kareem, M. A., & Alwan, S. A. (2022). The effect of (HIT) training on immune globulins and white blood cells for amateur weightlifters after the return of activity from the mandatory quarantine for the Covid-19 epidemic. Revista iberoamericana de psicología del ejercicio y el deporte, 17(5), 328-331.
- 77. Salmana, T. D., & Muhsen, A. D. A. S. MOTOR RESPONSE SPEED AND ITS RELATIONSHIP TO THE PERFORMANCE ACCURACY OF A SKILLS OF PASSING FROM THE TOP AND SMASH SERVE IN VOLLEYBALL.
- 78. Sarhan, Q. A. (2019). The Effect of the Exercises of Retrieving the ball from the Net on the Development of the skill of Defending the stadium in the Volleyball. University of Anbar Sport and Physical Education Sciences, 4(19).https://doi.org/10.37655/uaspesj.2019.172349
- 79. Sikhe, H. S., & Khalid, K. N. (2022). The Effect of Game-like Exercises on Tactical Thinking, and the Accuracy of Forward and Backward Fast Setting in Volleyball Setters Aged 15–18 Years Old. Journal of Physical Education, 34.(3)

- 80. Suhail, M. T., Hussein, S. A., Abdulhussein, M. N., Abdaullateef, W. Q., & khairallah Aid, M. (2024). Knee Injuries And Rehabilitation: A Comprehensive Review Of The Psychological Landscape. Migration Letters, 21(S6), 733-745.
- 81. Suhail, M. T., Hussein, S. A., Abdulhussein, M. N., Abdaullateef, W. Q., & khairallah Aid, M. (2024). Knee Injuries And Rehabilitation: A Comprehensive Review Of The Psychological Landscape. Migration Letters, 21(S6), 733-745
- 82. Taher, W. T., & Zoon, E. A. A. (2019). The Effect of Fartlik and Hill Style (Consequence & Intermitted) Using Treadmill For Developing Leg Muscular Strength and 400m Running achievement In Physically Disabled (46–47). Journal of Physical Education, 31.(3)
- 83. The Effect of Electronic Guidance Program Using (Lecture Maker) on the Improvement of Academic Achievement Motivation in Soccer for Physical Education and Sport Sciences' Students. (2021). Journal of Physical Education, 33(4), 91-104. https://doi.org/10.37359/JOPE.V33(4)2021.1216
- 84. THE EFFECT OF PLYOMETRIC EXERCISES ACCORDING TO SOME BIOMECHANICAL VARIABLES IN DEVELOPING THE PERFORMANCE AND ACCURACY OF PASSES IN SOCCER FOR YOUTH. (2024). International Development Planning Review, 23(1), 301-320
- 85. Ubaida, H. A. H., & Ismail, A. M. (2021). Special Speed Endurance Effect of 800m Running on Some Physiological Indictors and Achievement of Physically Disabled Men Class (T47–T46). Journal of Physical Education, 33.(4)
- 86. Wani, I. A., Pal, A., Hussein, M. N. A., Suhail, M. T., Sharma, M., & Rawat, B. (2023, September). Sports Event Data Acquisition Method Based on Wireless Sensor Technology and BP Neural Networks. In 2023 6th International Conference on Contemporary Computing and Informatics (IC3I) (Vol. 6, pp. 1354-1360). IEEE.
- 87. Yasir, A. M., Hammood, H. S., & Sikhe, H. S. (2020). Special skill exercises to develop mechanical movement behavior and the accuracy of Setting skill performance for volleyball players. International Journal of Psychosocial Rehabilitation, 24.(05)
- 88. Zeoon, E. A. A., & Ismail, K. S. (2020). The Effect of Using Sport Parachute for Developing Fast and Explosive Strength and 100m Sprint Achievement in Sprinters with Simple Mental Disability. Journal of Physical Education, 32.(3)
- 89. ZidaneHmmood, M., Hamza, M. K., & Ahmad, S. A. G. (2024). THE EFFECT OF PLYOMETRIC EXERCISES ACCORDING TO SOME BIOMECHANICAL VARIABLES IN DEVELOPING THE PERFORMANCE AND ACCURACY OF PASSES IN SOCCER FOR YOUTH. International Development Planning Review, 23(1), 301-320.