

The effect of an educational curriculum on developing motor and creative abilities to learn some handball skills

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Abstract

The researchers adopted the experimental approach to its suitability and the nature of the research. The sample consisted of students from Al-Khabour Mixed Elementary School / Diyala Education Directorate for the academic year 2018-2019. The researchers selected the research sample intentionally from the fifth elementary fifth-grade students of (120) pupils. As for the research sample It consisted of pupils of Division (A) and (B) Division with an average of (40) pupils for each division, and excluding the pupils represented by (C) Division, the research sample reached (60) pupils, and the sample of exploratory experiments that researchers are conducting their work on and the number (20) A pupil, and the equivalence process between the research groups in some of the creative mobility capabilities and the skill of handling and receiving the handball, and the subject teacher applied the educational curriculum with the comprehensive design of the experimental group and using the method used for the control group, and that the only difference in applying the educational curriculum is in applying the educational curriculum in the comprehensive design in The main section of the experimental research group, the educational curriculum took (12) educational units and by (2) educational units per group per week, and the time of the educational unit (45) Accurate, and the special program used in statistical fields and system was used.

) spss) To extract research data, the researchers reached the following conclusions:

-The program prepared by the researchers and using the (comprehensive design) method in its application to elementary school pupils has a clear impact on developing some creative kinetic capabilities (kinetic fluency, kinetic flexibility, kinetic originality, learning the skill of handling and receiving the handball.)

-The presence of statistically significant differences in the pre and post tests, and the dimensional dimensions of fluency, flexibility, and motor originality and learning the skill of handling and receiving the handball in the experimental research group that used the comprehensive design method.

- Its educational and pedagogical goals have been achieved for the program.

Key words : *educational curriculum , creative motor abilities ,learning the skill , handball.*

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I. Introduction

The correct development of creative energy for pupils in all fields is stages that change in one another in order to be complementary to what follows, because pupils in their different age stages need a number of growth requirements, and the most important of these requirements are movement and activities with self-identification and character building, especially research For everything new and interesting.

Because it is very important to "take care of creativity in children early" and help them develop their capabilities and show their potential energies so that we can refine and develop them so that we do not lose them over time in the child's need to know a lot to discover what surrounds him and prove his abilities as well as creativity in the educational process has an important and prominent role Because it is the way for every teacher and pedagogist to raise children towards a future more than creativity. "And that the child enters school represents his entry into a new environment that he tries to discover, as he spends most of his time practicing" different "types of skills in which he wishes that mixing with other children at school is one of the important pillars. To develop and enrich creativity, especially "the elementary stage, it is considered the most important stage in a child's life, as it consists of estimates of his experiences and information.

Physical education at this stage with its recent directions is not just a material "from the school curriculum or just a specific goal, it is considered the basics of the educational process, as it is concerned with physical activity and has a" direct "effect on the student's life, so it must be a class part in preparing the student physically. And intellectually, "and if the physical education lesson is concerned with the motor aspect in its appearance, but it is concerned with the intellectual, social and psychological aspect in its interior, then the appropriate method that is concerned with the aspects of the physical education lesson must be used, which is the correct way to reach the goal quickly and purposefully, and use the handball game from games Which is characterized by abundant motor and skill requirements and duties that learners must learn and master and know their technical and scientific aspects, and this always requires here. The importance of research appears in identifying the effect of the educational curriculum with comprehensive design in developing some creative kinetic capabilities and learning the skill of handling and receiving the handball for class students Elementary.

Research problem:

Physical education is very important for students in terms of physical, health, social and psychological numbers correctly and creative capabilities were considered one of its goals, and since students were learning in different methods, the educational field witnessed experiences and applications for different teaching methods, and the teacher had to choose the best and best method in teaching to achieve his goals, and because researchers from Those with specialization in the field of physical education noted that most of our schools use one method despite the diversity of curricula, which is the commanding method, and that this method does not develop some creative motor abilities among students ages (10-11) years as required and unable to teach them some skills. Hence the problem of research was manifested in the use of one method in teaching physical education and neglecting other methods, which prompted researchers to use a comprehensive design method that carries special

features in the sports field to contribute to the development of some of the creative motor capabilities and learn the skill of handling and handball reception.

Research objectives:

- Preparing a proposed educational program for a physical education lesson taught by a comprehensive design method to develop some creative motor abilities and learn the skill of handling and handball reception for fifth-grade elementary students.

-Knowing the effect of the educational curriculum with comprehensive design on developing some creative kinetic abilities for fifth grade elementary students.

- Knowing the effect of the educational curriculum with comprehensive design on learning the skill of handling and handball reception for fifth grade elementary school students

Research hypothesis:

- There are no statistically significant differences between the tribal tests between the control and experimental research groups in developing some creative kinetic capabilities and the skill of handling and receiving the handball.

-There are statistically significant differences between the pre and post tests between the control and experimental research groups in developing some creative kinetic abilities and the skill of handling and receiving handball.

- There are statistically significant differences between the two dimensional tests between the control and experimental research groups in developing some creative kinetic abilities and the skill of handling and handball reception.

II. Research Methodology

The researchers used the experimental approach with a design of the two equivalence groups (control and experimental) to suit the research problem and objectives.

Research community and samples

The sample of the research consisted of the students of Al-Khabour Mixed Elementary School / Diyala Education Directorate for the academic year 2018-2019. The researchers selected the research sample in an intentional manner from the fifth elementary class students who are (120) pupils. Experimental and (B) Division for the control group, with an average of (30) pupils per division, and excluding the female students represented by (C) Division, the research sample reached (40) pupils. Among the research groups in some of the creative motor abilities and the skill of handling and receiving with handball, the subject teacher applied the educational curriculum with the comprehensive design of the experimental group and the method used for the control group, and that the only difference in applying the educational curriculum is in applying the educational curriculum with the comprehensive design in the main section of the experimental research group .

Research Tools

To provide a set of devices and tools necessary for the purpose of using them to solve the problem, whatever those tools, and to make sure that these tools are suitable for research to achieve hypotheses. In fact, the researcher used the devices, tools and means that helped the researcher to conduct his research, as follows:

- Legal handball court.
- KENKO Manual Calculator.
- Handball goals
- A tape measure of length (50) meters
- Whistle
- stopwatch
- Medical scale
- Men's hand balls (10).
- Correction boxes with iron dimensions (50 × 50) cm, count (2).

The Testes

Measured variables:

- Fluency, originality, flexibility, Handling and receiving.

Applied Test

The researchers have developed a proposed program for the study of physical education in the elementary stage for fifth-grade elementary students and this program is taught in a comprehensive design style, and this method seeks to develop some creative kinetic capabilities (kinetic fluency, kinetic flexibility, kinetic originality, learning the skill of handling and handball reception) in addition to what The regular physical education lesson teaches him basic skills in the elementary stage, as well as introducing some of the requirements of the method used on the applied activity of the program, which aims to reach him towards the desired goal. The time allocated to the introductory section reached (10) minutes and the time allocated to the main section (30) minutes and divided into Educational and practical The time allocated to the educational activity reached (10) minutes, the applied activity (20) minutes, while the final section was allocated to him (5) minutes. After presenting the proposed educational program to the specialized experts (Appendix: 1) in (dynamic learning, teaching methods, psychology and tests) where they agreed on the proposed educational program and the comprehensive design method, then the teachers began applying it on 10/26/2018 until 12/13/2019 It included (12) educational units, and it took (6) weeks to implement the program, with two educational units per week. The program included many exercises and both motor and mental skills, as well as small games that help in achieving the required goals as well as "some touches that distinguish the method used from other methods, as well as developing group games by entering them into small games to show a lot of creativity The energy that needs support The program was applied to the experimental group, while the control group applied the method used.

III. Results and discussed

View and discuss search results:

Table (1) Display the results of the post-test between the experimental and control groups in the research variables.						
Variables	Groups	A	Std	Calculated value of T	Error ratio	Significance
Fluency originality	Experimental	85,80	2,83	7,68	0,000	Sign
	Control	78,30	4,53			
Flexibility	Experimental	5,69	1,20	11,09	0,000	Sign
	Control	3,15	0,36			
Variables Fluency	Experimental	38,80	1,78	26,31	0,000	Sign
	Control	35,13	2,27			
originality	Experimental	19,50	2,33	14,18	0,000	Sign
	Control	16,40	1,71			

Through Table (1), which shows us the differences in the arithmetic milieu, the standard deviations of the research variables, the calculated value (t) and the error rate between the dimensional tests of the experimental and control research groups, and this indicates that the educational curriculum in the comprehensive design method had a clear impact on the development of kinetic fluency, originality and flexibility As well as teaching the skill of handling and receiving handball.

The researchers attribute this to the fact that this educational approach to a comprehensive design method is one of the methods that develops multiple aspects, including mental and physical, as this method is used to help develop creative motor abilities, and it helps the teacher to solve the problem of individual differences between students 1. We can develop motor creative abilities and learn the skill from The way to stimulate the spirit of participation and encourage the spontaneity of expression, whenever the student is able to provide a number of responses on a specific topic, then they are then able to rely on themselves 2.

And that these methods are educational attitudes as educational attitudes are an important aspect in the success of the educational process that is achieved through the interaction between the teacher and the learner and the educational process. The more the teacher is successful in choosing the optimal educational method, the more successful the learning process will lead to positive results, and that the educational attitudes With the comprehensive educational design method, which is an educational method that takes into consideration the needs of all learners and their requirements when designing the educational unit, its materials and objectives, and during this method the teacher tries to avoid all obstacles that prevent any learner from learning effectively while maintaining the high level of the requirements of the educational curriculum 3.

And handball is one of the sports games that has received more attention and development is one of the collective games that have spread widely in various countries of the world, as this game is distinguished by it includes several offensive and defensive skills as requirements for optimal performance, which learners must learn, master and know With all its technical and planning aspects, and that the use of such educational methods does not disrupt or reduce the role of the teacher in the educational process, but rather creates a state of mixing between everything that is new in the process of dynamic learning, and encourages the learner to learn through excitement and excitement, and the application The new thing that differs from the method used in the educational process 4.

Then came the followed method which developed the creative kinetic abilities and learning the skill of handling and receiving with the handball but less than the experimental group and that any kinetic performance will contribute even a small percentage to development, and that the stereotypical education stops or hinders the development of these abilities or skillful learning and does not lead to numbers of students They are characterized by a multiplicity of ideas and are not able to produce varied and new 5.

IV. Conclusions and recommendations

Conclusion

Through the above presented results and the researcher's analysis and discussion of these results, he reached the following conclusions:

- The program prepared by the researchers and using the (comprehensive design) method in its application to elementary school pupils has a clear impact on developing some creative kinetic capabilities (kinetic fluency, kinetic flexibility, kinetic originality, learning the skill of handling and receiving the handball.)

- There are statistically significant differences in the pre and post tests, and the post dimension of fluency, flexibility, kinetic originality and learning the skill of handling and receiving the handball in the experimental research group that used the comprehensive design method.

-Its educational and pedagogical goals have been achieved for the program.

Recommendations

Through what has been concluded, the researcher recommends the following recommendations:

- Generalizing the study on elementary schools
- Circulating the study on handball coaches in schools
- Preparation of studies similar to the study

Reference

- 1) Effect of Exercises Using Devices to Develop Some of the Motor Qualities and Offensive Basketball Skills, Rasha Talib dheyab, Omar Saad Ahmed, College of Physics Education and Sports Science, University of Diyala, Diyala , Iraq,2019
- 2) THE EFFECT OF ELEVATION TRAINING MASKS WITH HYPOXIC TRAINING ON SOME COMPONENTS OF BLOOD AND SOME BIOCHEMICAL VARIABLES FOR BASKETBALL PLAYERS, 1RashaTalebDiab and 2Omar Saad Ahmed, Saif Saad Ahmed,2019, University of Diyala /Iraq, Physical Education and Sports Science
- 3) The effect of exercise on high and low intensity zones to improve young weightlifters power and strength,Omar.Saad.Ahmed, HayderSoud Hassan, Nibras ALI, FirasAbdulmunemAbdlrazzaq, Hayder Shaker,2019.
- 4) Gould J.A and Davies G.J: orthopedic and sports physical therapy K (st. louis private G.V mosbycompany , 1985 .
- 5) Fleming , J.S .and Bonwell, D .M, predicting The success of language minority student from developmental ,Cognitive style ,linguistic and teacher perception measures.(Doctoral dissertation Arizona state University ,1987).