

# A STUDY ON THE EFFECTIVENESS OF AFTER-SCHOOL TUTORING FOR STUDENTS OF PRIMARY AND JUNIOR MIDDLE SCHOOLS IN EDUCATIONAL INSTITUTIONS

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## ABSTRACT

According to the "three-step" strategic arrangement, China will achieve a well-off society in an all-round way by 2020. China's progress in all aspects is obvious to all. Education and teaching methods have also changed significantly, with tutoring institutions entering people's lives and even becoming the second major learning place outside schools. Effective after-school tutoring is "a big step for the teacher", clarify the shortcomings of current after-school tutoring, and conduct targeted and planned after-school tutoring is conducive to the establishment and strengthening of students' knowledge system, and helps students grow up healthily, promotes the comprehensive development of students.

**Keywords:** After-school tutoring; tutoring institutions; mathematics education; effectiveness.

### Statement of problem

Facing the new era and the new curriculum reform, our country has continuously tried and improved the content, structure, and requirements of mathematics education and teaching, and has also achieved certain results. Math learning is not limited to the classroom, but also exists after the classroom. Classroom teaching is the main place for students to acquire mathematical knowledge, and after-class tutoring is the auxiliary form of classroom teaching, which is the supplement and expansion of the classroom. However, in recent years, we have found that there is a phenomenon of "institution tide" in our life. It can be said that almost every school has large or small tutoring agencies nearby, and every student has enrolled in one or more tutoring agencies. Some institutions belong to the "trusteeship" type, some belong to the "tutorial class" type. The custodian is mainly responsible for the after-school homework guidance, and the tutorial class is mainly responsible for the relearning of the course. So with such a large number of institutions, have students improved their mathematics learning? Is there any practical effect of after-school tutoring?

### The importance of after-school tutoring in mathematics

It is impossible to complete the study of mathematics only by relying on a short time in class, and after-class tutoring is still very necessary. Due to the differences in personality and cognition among students, they will have different understandings and absorption when facing knowledge and skills learning in the classroom, and they will also have different attitudes towards mathematics learning. Therefore, it is necessary to provide some after-school tutoring. First of all, there is no doubt that after-school tutoring can help students review the knowledge learned in the classroom, answer questions and conjectures, and leak fill a vacancy. Secondly, after-school tutoring is the second classroom of learning. It can re-learn on the basis of classroom learning and discover new knowledge. In addition, after-school tutoring is also an effective way for teachers to obtain teaching feedback. In the process of after-school tutoring, teachers will find problems in the teaching process, which can promote teachers to improve teaching methods and improve teaching quality. At the same time, after-school tutoring is also

one of the ways to teach and educate students. After-school tutoring can help students learn to effectively manage their after-school time, cultivate scientific learning methods, and correct emotional attitudes and values.

### Problems in mathematics after-school tutoring

(1) Too much reliance on tutoring by educational institutions has led to a shift in students' focus of learning. With the emergence of a large number of trusteeship and tutorial classes, most of the children will be in the trusteeship to write homework, in the tutorial class to learn new knowledge, and the classroom learning has not achieved particularly satisfactory results. The emergence of this phenomenon is very worthy of our attention, it is undeniable that tutoring agencies for children to learn to promote the role, but also cannot let the classroom lose its proper effect.

(2) What after-school tutoring focuses on is to improve students' scores, and evaluate the effect of after-school tutoring and the excellence of educational institutions from children's academic scores. This will make some educational institutions "eager for success", in order to obtain a good reputation, attract more customers and adopt "exercises-stuffed teaching method", which leads to greater pressure on students, in the state of fatigue, is not conducive to the growth and progress of students.

(3) After-school tutoring is not voluntary, but required by parents. This will lead to boredom and lack of interest in the students, which will reduce their initiative and enthusiasm, which is not conducive to the implementation of teaching.

(4) After-school tutoring lacks emotional attention to students.<sup>1</sup>As more and more double income families appear, parents have no time to tutor their children, which is one of the reasons why they choose to "enroll in classes". Besides, teachers focus on the theory of knowledge and ignore the emotional needs of children. This issue cannot be ignored.

### The improvement strategy of mathematics after-school tutoring

(1) Reasonable planning and timing. In the process of after-school tutoring, the content and time of the tutoring should be reasonably planned. First of all, "classroom learning is very important". You should not rely too much on after-school tutoring in educational institutions. The best way is to combine learning in the classroom with after-school tutoring. Secondly, we must understand the importance of timing. It is not necessary to achieve good grades without learning day and night. According to the forgetting curve of *Ebbinghaus*, we can know that the forgetting of learning is regular, is first fast then slow. Without a timely review, there will be little left. In addition, Pavlov's "Classical Conditioning" holds that, for a fixed period of time, to do one thing in a certain environment, the relevant parts of the brain point will be involuntarily excited. As in the daily meal time, the human saliva and gastric juice will naturally secrete. When the prime time for study comes, it will be very state-of-the-art, and the problems will be solved easily, and the efficiency will be higher than usual. Therefore, during after-school tutoring, reasonable planning should be carried out to seize the opportunity and provide high-quality tutoring.

(2) Appropriate methods and remedies.<sup>2</sup> There should be a clear understanding of the students' cognitive status, psychological characteristics, learning ability and subject characteristics, and the students' knowledge defects, as well as their strengths and weaknesses. Based on the teaching content and the characteristics of the subject, choose the appropriate

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method for "the right medicine." Targeted after-school tutoring is a powerful booster for students' learning, it is conducive to completing the essential task of after-school tutoring-"to make up for the shortage, "which helps students to understand their own situation, learn to coach themselves, and effectively improve learning efficiency.

(3) Pay attention to emotions and establish a harmonious teacher-student relationship.<sup>3</sup> Good emotions are the source of motivation for true knowledge. In the after-school tutoring process, we need to pay more attention to students' emotion. Paying attention to the emotional state of students can enhance students' initiative and stimulate students' interest. A good teacher-student relationship is conducive to the implementation of teachers' teaching, and it is also beneficial to students' meaningful learning. In the after-school tutoring process, we should pay attention to the following aspects: First, avoid direct corrections and appropriate questions. When students make mistakes, it is not a very wise choice to face-to-face criticize. Each child has his own Recognize, we can't just blame blindly. Children thus educated are not confident and will hurt the child's self-esteem and self-confidence. On the contrary, we can use the form of rhetorical questions to induce them step by step, allowing students to find problems and recognize error. This method was put forward in Socrates's "*maieutic* method". Second, avoid favoring one over the other. Each class has students with good and bad grades, active and dull, and eloquent and unspeakable students. The teachers should not treat them differently based on their different performances. They should take enthusiasm and initiative mentality treats each student as an independent individual and treats without discrimination. In this way, some students will not be conceited, nor will they be inferior. This is where the charm of teachers.

(4) Expanding contents and strengthening innovation.<sup>4</sup> "Stiff" education does not meet the requirements of the times and is not conducive to the advancement of education. The report of the 19th session of national congress of the communist party of China puts forward that "innovation is the primary driving force for development", so it is also very important to innovate in after-school tutoring. When conducting after-school tutoring, teachers should appropriately expand new content, new knowledge, new methods, and actively cultivate students' logical thinking ability and innovative consciousness.

## CONCLUSION

The role of after-school tutoring is unquestionable, only by doing a good job of after-school tutoring can classroom teaching become more meaningful. The physical and mental health of primary and secondary school students are in a continuous development stage. After experiencing classroom learning and effective after-school tutoring, students must be able to become the backbone of the country and have a bright future.

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