

# Innovative Pedagogy in Promoting Education Equity in Primary School

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**Abstract.** The issue of equal education for children is often overlooked by many people, but it is a problem that needs to be paid attention to in modern society. Where these children are born, their gender, their parents' occupation or the environment in which they grow up all determine whether they can get an equitable education. Because of these background conditions, every child will have a higher or lower status when they enter school, and without an education that can help them close the gap between children and children, more children may be treated differently in school. These inequalities in education are wrong. Innovative education is to make more students interested in learning or having the opportunity to learn through different, novel and creative methods. Therefore, ensuring that every child has access to a fair education is a serious issue that we need to discuss and address. Through innovative education, we can reduce the unfair education that elementary school students receive. By reducing regional disparities through many new educational methods, gender disparities have led to fewer primary school students receiving an unfair education. At the same time, innovative education also requires teachers to improve their teaching quality, and better promote students to receive fair education.

**Keywords:** Innovative pedagogy, education equity, primary school.

## 1. Introduction

It is often said that only by learning can we make progress. With the development of modern society, children's education has become a hot topic in contemporary society, and the society has provided more and more children with the opportunity to receive education. However, there are still some children in society, even many children in places we cannot reach, because of their own deficiencies or life circumstances, they cannot receive a complete and equitable education. This may be due to the differences in different regions, the economic conditions of different families, different growth environments and their own defects. These children may feel inferior psychologically or physically and therefore miss out on many opportunities for education. It is very unfair that no matter what different background or conditions, everyone should receive a fair education instead of different treatment from school, teachers or classmates. To help children around the world learn better, some educators have come up with innovative pedagogy [1]. At present, there are a lot of educators on the issue of children's education equity research, there are also a lot of research reports on this issue. They found that in different parts of China, students receive different education because of regional differences. However, some studies do not take into account different aspects and contexts but only examine the influence of one factor on inequity in primary education. In this article, it will reveal the current situation of educational inequality in contemporary society, let more people know that educational inequality is widespread, and introduce the teaching method of innovative education, the help of this educational method for children and how to carry out innovative education. In addition, it mainly focuses on the status quo of contemporary education inequality from three aspects: region, gender and teacher literacy, and the positive effect of innovative education on this status quo. It is hoped that through the use of innovative pedagogy, the equity of primary education can be promoted and the existence of educational inequity in society can be reduced. The purpose of this study is to help more people understand innovative teaching methods and improve students' learning efficiency by using innovative teaching methods. I believe that through innovative education, we can help all

children, including those who do not have access to fair education now, have more opportunities to understand knowledge, so as to obtain fair educational opportunities and help them better develop.

## **2. The Effect of Innovative Pedagogy in Promoting Regional Equity**

### **2.1. The Effect of Innovation of Teaching Tools in Promoting Regional Equity in Primary Education**

There are many teaching tools used by teachers in the course of a class, so what is the role of these teaching tool innovations in promoting regional equity in primary education?

There is an innovative pedagogy called computational thinking. The definition of computational thinking is the use of technology to solve problems. It has two steps, the first one is to image a way to solve problems, and the second way is making computers work on the problems [2].

As mentioned above, computational thinking is a novel way of teaching that uses computers to help students learn. It can not only solve the problems that students need to solve more efficiently, but also provide more students with the opportunity to solve the problems. Since computers are so ubiquitous in modern society, most children have access to computers to learn, no matter where they are. Therefore, when teachers use computers in innovative education lessons, many children have the opportunity to learn. Children who do not have computers can also learn what they need to learn by watching. Because of the rapid development of the Internet and technology, as long as a teacher integrates computational thinking and pedagogy into learning, every child can receive the same education regardless of the relatively poor areas or the rich areas, reducing the educational inequities that exist depending on the region.

### **2.2. The Effect of Innovation in Teaching Methods in Promoting Regional Equity in Primary Education**

In addition to teaching tools, teaching methods are also necessary to enable students to learn more. However, different teaching methods have different results. For the sake of equity in primary education, the passage states that some educational methods in innovative education can promote equity.

Let's illustrate this with the gamification of innovative pedagogy. No matter how old children are, no matter where they live, especially elementary school students, they will develop an interest in games. Therefore, teachers can use the method of playing games in the teaching process to stimulate primary school students' interest in learning. In the process of the game, students have a greater interest, which can help them have a more comprehensive understanding [3]. Gamification is the use of games to motivate students to learn. In many traditional education classrooms, different classes in different regions may produce different effects because of different teaching methods, so some children in backward areas cannot receive education. For example, students in big cities can take part in some offline activities and so on. However, gamification is the direct integration of games and classroom learning without any external conditions. This is a good teaching method, which reduces the impact of geographical and economic differences in different regions on the fairness of primary education. Schools everywhere can apply this teaching method without having strong regional limitations. Therefore, the innovative pedagogy applied by schools can reduce the inequity of education for elementary school students.

### **2.3. The Effect of Innovation of Teaching Thinking in Promoting Regional Equity in Primary Education**

Only the traditional educational thinking applied in the classroom is far from enough. Only innovative thinking can help students better understand knowledge and solve problems in various aspects. Moreover, the change of teaching thinking, it can promote the fair education of primary school students in different regions.

In a traditional education class, the teacher may ask students to learn some new knowledge in class, do some homework after class, review what they have learned and answer questions. However, due to regional differences, many schools cannot guarantee that all students in all schools can learn exactly the same knowledge offline, so students in many places cannot receive a fair education. Innovative pedagogy has something new in educational thinking called blended learning. This innovative education is about flipping and upending the classroom, with teachers and students using more innovative methods in the classroom. Teachers will use both online and offline teaching methods. Teachers will share the videos to be learned in class online in advance for students to watch, and students will learn the content online in advance. Then in class, the teacher will solve the problems and incomprehension of the students in their study [4]. This innovative educational method changes the teaching thinking of teachers, instead of traditional lectures, giving students more time to learn knowledge and opportunities to consolidate their weaknesses and solve their difficulties. Because the main teaching content is online, as long as students have a computer or mobile phone, they can receive all the knowledge fairly, rather than different treatment due to differences in offline areas. Therefore, blended learning provides more students with learning opportunities and reduces the inequity in primary education caused by regional differences.

### **3. The Effect of Innovative Pedagogy in Promoting Gender Equity**

#### **3.1. Innovative Pedagogy Stimulates Students' Gender Awareness**

In the creative education classroom, teachers will use different methods to stimulate children's gender awareness, so that they can establish a "gender equality" idea in primary school [5].

Let's use embodied learning as an example. Because in the classroom, students will experience some activities about gender awareness. In the activities, they themselves can feel gender awareness more directly. In innovative pedagogy, there are more opportunities for students to experience. They have many opportunities to feel intuitively, rather than just explain. Because the knowledge about gender does not need to rely on some words to make students understand, but this is often the child in the traditional classroom to learn. Teaching children about gender awareness requires taking action and reflecting on breakthroughs, such as understanding how gender norms affect daily and working life. In creative education, children apply what they learn. They are asked to learn and reflect on their gender studies, especially the usefulness of such knowledge in their daily and working lives. After reflecting on the knowledge of gender, students can better integrate the awareness of gender into the classroom and life.

#### **3.2. Innovative Pedagogy Requires Teachers to Focus on Gender Equity in Teaching**

Because the teacher is an essential role in every class, in order to reduce the unfair behavior due to gender issues, the teacher also needs to pay attention to gender equality in teaching, so that students can imitate.

Many times, when students take traditional courses, in some courses, the idea of gender inequality among some teachers will be displayed. For example, many girls do not take many higher-level math and science classes because they lack confidence, but often in these classes, some teachers feel more strongly about gender inequality. Female students in these courses often reported encountering teachers who favored male students more often, gave them positive feedback and were more concerned about their grades. Different, for girls' students will be stricter, do not care and so on. These are the ideas of some teachers in a very traditional classroom, they do not set a concept of gender equality and become a role model for students. But unlike traditional curriculums, innovative pedagogy requires teachers to first establish a concept of gender equality. Because there are many activities in innovative education that require the teacher to be a guiding role for all students to interact [6]. If the teacher does not have a good view of this problem, many activities cannot be carried out. So, in innovative pedagogy, teachers have to focus on gender equity in teaching.

### **3.3. Innovative Pedagogy Creates a Gender-equal Classroom Environment**

In the traditional classroom, when students learn, more or less there may be some situations that lead to gender inequality. But innovative education can create a gender-equal teaching environment in the classroom.

In order to help children integrate into the classroom better, teachers can use experiential learning. Experiential learning is an educational approach that emphasizes learning through direct experience and active engagement with the environment. It is based on the idea that people learn more effectively when they actively participate in concrete experiences, reflect on those experiences, and apply their knowledge in real-life situations. In the classroom, teachers will design some activities that students can experience to help them learn new knowledge. Students will also be invested in an equal environment because of the sense of experience. In the course of the activity, the teacher ensures that everyone can participate equally and does not treat students differently because of their gender. In the classroom, children will not feel inferior or proud because of their gender. Because all students learn well from the experience and integrate into the classroom, they do not have the idea of gender inequality. Therefore, innovative pedagogy creates a gender-equal classroom environment.

## **4. Innovative Pedagogy Promote Educational Equity by Improving Teachers' Literacy**

### **4.1. Innovative Pedagogy Require Teachers to Update Their Knowledge**

Because the teacher becomes the leader in the innovative education classroom, the information that the teacher knows needs to be constantly updated. innovative pedagogy is about helping children learn by using newer and more efficient methods, so it is essential that teachers constantly update their own knowledge.

A teacher plays a crucial role in a class. What the teacher teaches the students directly affects what the students learn [7]. In the traditional classroom, the teacher only needs to explain the content of the courseware to the primary school students, but because the students are too young, some things may not be well understood. innovative pedagogy is a good way to do that. It is different from traditional classroom teaching, and can help students better integrate into the classroom, understand and learn. But this approach is also more demanding for teachers. It requires teachers to constantly update their own understanding of what they are learning and to teach students in non-traditional ways. For example, if teachers want to use experiential learning to teach, they need to have their own understanding of this knowledge and constantly update their knowledge. Then, the knowledge to be learned is designed into activities, so that students can integrate into the game, and they can gain their own reflection on this knowledge through activities in the game. In order to ensure that every student gains an equal education in learning, teachers also need to constantly update through continuous learning, so that students have more opportunities to understand the content.

### **4.2. Innovative Pedagogy Require Teachers to Improve Teaching Skills**

Even if the school integrates innovative education into the classroom, the different teaching skills of each teacher will still lead to different teaching effects. The different teaching effects of each teacher cannot ensure that every student can receive an equal education. Therefore, while teaching methods are constantly innovative, teachers' teaching skills also need to be constantly honed and improved.

Because innovative pedagogy is different from traditional classrooms, many innovative education methods, such as gamification and blended learning, require teachers to improve their teaching skills in the process of teaching. Because these education methods need to organize students well and let them integrate into the class, instead of blindly telling what they want to talk about. In the ordinary classroom, the teacher only needs to tell the students the knowledge in the courseware and does not need a lot of complicated skills. But in a creative classroom, it is the teaching methods and techniques

that teachers need to study and improve most. They need special ways to get children more interested in learning. innovative pedagogy requires teachers to join the class themselves, or to be the facilitators who guide students in learning. Teachers can only improve students' learning efficiency by improving their teaching skills.

#### **4.3. Innovative Pedagogy Require Teachers to Improve Their Intelligent Teaching**

Many intelligent teaching methods are needed in innovative teaching. So, it is not enough to just use it in the classroom, but also to rely on some intelligent methods to help teach. When teachers get the smart approach right, students' education can become more equitable.

As we all know, in traditional classes, students only need books, pens and so on to finish teaching. But innovative pedagogy requires a lot of external equipment and intelligent teaching methods. For example, computational thinking needs to be applied to teaching on the Internet rather than just learning in a classroom today. In computational thinking, the teacher also needs some intelligent teaching. Only by making sure that the teacher can skillfully use the intelligent teaching when teaching, can the students understand what they want to learn from it [8]. But if some teachers do not ensure good use, then it will not ensure that every student receives a completely fair education.

### **5. Conclusion**

In this study, innovative pedagogy was found to have a positive impact on elementary school students' access to equitable education. Because of different students' background, gender, and different schools, as we know, these reasons will make students receive unequal education. First of all, the backgrounds of different students cannot be the reason why students are treated differently. Secondly, teachers and schools should reduce the occurrence of such things through positive behaviors. In the classroom, teachers' use of innovative pedagogy has many positive effects. For example, the article mentions that educational thinking promotes fairness in teaching, and innovative education creates a gender-equal classroom environment. Through more innovative pedagogy methods, games and personal experience, students are provided with a more innovative and attractive opportunity to learn, a good learning environment is created, and the original prejudice of some people is changed, and a good idea that everyone is equal is established. Moreover, teachers play an important role in innovative pedagogy. Teachers need to create a good and fair learning atmosphere and be role models for students while doing it themselves. Therefore, I believe that every school can integrate innovative education into its own educational methods, which can not only provide more interesting and novel teaching methods for schools, but also make students feel equal education in the process of learning. In the future, it is hoped that the phenomenon of unequal education among students can be reduced, and preferably eliminated.

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