

Research on the Teaching Reform of Primary School Art Curriculum and Teaching Theory Based on STEAM Concept

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Abstract: The main teaching purpose of opening the art courses in the primary school stage is to improve the level of the aesthetic education of the primary school students, which is more in line with the five education content advocated in the quality education. Past old elementary school art teaching method has been difficult to meet the needs of pupils' art learning, the emergence and development of STEAM concept, can provide better teaching guarantee for elementary school art education reform, under the STEAM concept this education idea can better develop students' imagination, aesthetic ability and innovation ability, and effectively promote the progress of primary school art education career.

Keywords: STEAM Concept; Elementary School Art Curriculum; Teaching Reform; Teaching Practice

Foreword

STEAM concept belongs to the national education in recent years compare new teaching mode, STEAM mainly by Science, Technology, Engineering, Art and Mathematics the five English word abbreviation, STEAM this idea into primary school art education, can let students will effectively connect between different disciplines, can make better integration between various disciplines, and can also provide more fresh elements for primary school art education. This paper will focus on the research strategy of teaching theory based on STEAM concept.

1. The problems existing in the current primary school art classroom teaching

Although the national education department has put forward new teaching reform requirements in the field of education, the current primary schools Art teaching practice work is still a lack of mature experience, many primary school art teachers rarely follow the training of pupils' comprehensive ability as the main teaching goal, some learn. The school will even let the teachers of other disciplines take into account the art education work. Most primary school art teacher team teaching professional level is not high, which will seriously hinder the reform process of primary school art education. At the same time, most primary school students lack the correct cognitive level of fine arts. In most cases, students will think that fine arts learning is about painting training, and rarely realize the important significance of fine art innovation and fine art aesthetics. Through the detailed analysis of all aspects of the content, it can be seen that there are many disadvantages in the current primary school art teaching work, and the relevant primary school managers and teachers' team must find out more effective solutions to the current primary school art problems.

2. The Concept and Characteristics of STEAM Education Concept

STEAM education idea is first proposed by the new education mode, mainly integrated science, technology, engineering, humanities and art and mathematics knowledge together the integration of the new form of education, can make students better adapt to the future society and life, educators has different interpretation, can let students better share learning results and learning experience, also can let them complete their interest in knowledge, can build interdisciplinary from practical teaching projects knowledge system. STEAM education concept has six core characteristics, preferred, STEAM mainly in

science, engineering, technology, humanities and art, mathematics English can more intuitively reflect its interdisciplinary characteristics, many disciplines into STEAM education can be in the technology highly development in today's society, make our education is no longer to single subject teaching theory, the interdisciplinary is one of the most important core characteristics. At the same time, the STEAM education concept also has a strong integration characteristics, which can integrate the knowledge and skills of each subject, and can also integrate the teaching resources of each subject. Meanwhile, STEAM education also has exploratory characteristics, Learners can be in this educational context and better gain a good learning experience through active exploration. STEAM education is also characterized by situational characteristics. Educators can bring real life situations into the teaching classroom, so that primary students can better have the ability of knowledge transfer and application. STEAM education concept also has the artistic characteristics, broad art mainly includes: painting, craft, drama, broad refers to art mainly refers to the humanities and art, mainly covers sociology, aesthetics, rhythm and other humanities and art disciplines, can effectively improve the artistic and aesthetic learners, and STEAM education concept also has collaborative characteristics, learners can show their talent in cooperation in learning, learners can better help learning, can form a group knowledge structure.

3. The primary school art education concept of STEAM education

Under the background of STEAM concept elementary school art education activities, need to make elementary school art teachers constantly own comprehensive teaching level, to adopt diversified teaching mode, better subject content and art education effectively together, to develop pupils skills, to return the classroom back to students, make pupils have strong exploratory and innovative and learning initiative, to enhance the cultivation of pupils aesthetic education and cultural background. In this way, we can better explore the art learning potential of primary school students, so that primary school students can truly become talents with high comprehensive quality.

4. An effective teaching strategy of integrating primary school art

curriculum and teaching theory under the background of STEAM concept

4.1 Integrate the art teaching content interdisciplinary, and construct a multi-dimensional framework

Because STEAM education concept has interdisciplinary characteristics, so the elementary school art teachers need to teach art teaching material knowledge, according to elementary school taught all subjects with art subject scientific and effective integration, which can make elementary school art classroom teaching content more rich, can also gradually improve pupils' cognitive level, let students in the learning art knowledge can gradually improve the learning ability of other subjects, to better show the STEAM concept in primary school art practice.

For example, in the interpretation of the computer art —— symmetry graphics course, teachers can symmetry mathematics graphics mathematics knowledge into art education link, let the students use the concept of symmetrical graphics knowledge find out the painting axis and the other part of symmetry graphics, so both enhance the concept of space, also can better let the students with a variety of tools to create different patterns of symmetry patterns. In the study of "color ink world" this art class, the teacher can also play ancient music to the students, to show the students a variety of Chinese subject depicting flowers and landscape poetry, so that students under the influence of music and ancient poetry, better enrich their own color ink painting imagination to create space. It can also gradually improve the aesthetic level of music and ancient poetry appreciation ability. When explaining the section of fruits and vegetables in this course, primary school art teachers can also be primary school science subject "a variety of food", by let the students to classify different vegetables of nutrition, show the students different pattern of fruits and vegetables, can better enhance the students' humanistic quality and art accomplishment. You can also integrate primary school morality and the rule of law into the art class of "the most

respected people", which can help primary school students to form a good personality quality and moral accomplishment, and can also make the painting characteristics of the most respected characters described by primary school students more lifelike and innovative.

4.2 Adopt a variety of teaching means to improve the comprehensive art quality of primary school students

To infiltrate the STEAM education concept into the primary school art teaching process, need to be able to reflect the situational and artistic characteristics, This requires the majority of primary school art teachers to use a variety of teaching methods as far as possible, make the primary school art discipline on the basis of the integration of a variety of subjects can create a more three-dimensional, interesting, visual art classroom. to bring pupils more visual impact on art learning, but also to fully mobilize the initiative of primary school students in art learning, to let the primary school students have the learning spirit of active exploration, but also to make the primary school art teaching more artistic, teachers can use multimedia equipment and internet technology to build smart classrooms, with pictures, music, videos and other high-tech functions to stimulate students' vision and hearing. This can also take a variety of teaching methods. For example, in the interpretation of the fruits and vegetables change this class, teachers can through play songs about vegetables and fruits, let the students participate in art game teaching activities, let the pupils in music rhythm situation, involved in competitive art activities, this can better help pupils to draw the shape and characteristics of different fruits and vegetables, but also can better reflect the entertaining, teaching characteristics according to their aptitude.

4.3 Organize and carry out cooperative inquiry teaching activities

Elementary school art classroom teaching link in the STEAM education concept, but also pay attention to whether the students have exploratory and collaborative, it can better help students in exploring art knowledge can also achieve good art innovation ability, while considering the collaborative characteristics, elementary school art teachers can also set early learning doubt, let between the students involved in the cooperative inquiry learning activities, in order to let the students in the case of mutual help together, to master more art learning skills.

For instance, In the class of explaining "The Set on the Stage," teachers can divide the group art learning and practice activities according to the students' wishes, then let each group member say the stage theme they have set in advance, some groups will use the natural discipline knowledge to arrange various plant and flower stage sets, some groups will use various geometric shapes in mathematics to arrange the stage with different shapes of balloons, some groups will also assign various lighting dance sets according to what they have learned in the science discipline, by allowing students to work together to create more creative stage sets, it can effectively improve the artistic innovation ability of primary school students.

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In a word, the SEAM education concept into the primary school art classroom, can further optimize the primary school art own teaching concept, also can make the primary school to achieve good integration between disciplines through effect, also can greatly enhance the pupils' art creation ability and unity collaboration ability, to make great contribution to the primary school art education career.

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