

Design and Development of the Comprehensive Practice Activity Class Based on Engineering Thinking Take Foshan Dragon Boat Product Design as an Example

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Abstract

The inheritance of Chinese traditional culture, especially folk sports culture is an effective way to cultivate cultural self-confidence. However, there are some problems in the current basic education, such as lagging teaching concept, less traditional culture courses, boring teaching form and single content, which can not arouse students' interest in learning and can not achieve the inheritance of traditional culture. Comprehensive practice activities provide an important carrier for the inheritance of traditional culture.

In this study, the design and development process of middle school comprehensive practice activities lessons based on the concept of engineering thinking is constructed, which provides reference for the development and implementation of traditional culture courses. This study adopts literature research method and case study method to analyze the status quo of classroom teaching of comprehensive practice activities and traditional culture, providing theoretical basis and practical reference for the design and development of Foshan Dragon Boat culture products and curriculum. In this study, the engineering thinking, dragon boat culture and comprehensive practice activities were reviewed at home and abroad, the content of the lesson based on the engineering thinking concept was analyzed, and the design and development process of the lesson based on the engineering thinking concept was constructed.

This study in order to "Foshan city culture, the dragon boat boatace" as the theme, designed and developed "the incarnations of Foshan dragon boat culture" "Foshan traditional dragon boat production" "Foshan innovation and experiment of the dragon boat" "Foshan dragon boat product analysis and assessment of the" lesson four modules, and design form a complete set of three-dimensional teaching resources, as the traditional cultural heritage and development offer reference for dozens of problems.

Keywords: Engineering thinking; Dragon boat culture; Comprehensive practice activities; Class design

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