

Abstract

In recent years, with advanced digital technology and progress, learning is no longer confined to paper teaching, Computer assisted instruction in the classroom to learn has increased the number of multimedia elements, including Augmented Reality development is also matured to provide schoolchildren direct interaction with the virtual objects to learn can create immersive feel.

In this paper, as a combination of teaching and interactive entertainment games, by using C ++ Builder XE2 software program to write interactive games, video camera lens to capture images and virtual objects interact with children games, interactive games and integration in Chinese instructional design knowledge to the game, expect children to learn Chinese concept of purpose.

Interactive games of this paper during the experiment will be interactive games schoolchildren learn to observe, in the interactive game experiment, whether there is a deeper understanding of learning and teaching content of the game in order to explore interactive learning for school children to learn whether help.