The Effectiveness of the Computerized Paint Program for the Development of drawing and Writing Skills among Children in Kindergarten

Research and Applications

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Abstract

The study aims at investigating the effect of computer use, compared to the traditional way, on developing basic drawing and writing skills in kindergartens. Computer as an educational tool contributes to the development of children's writing system in an interesting way, in addition to learning basic computer skills such as using mouse, screen, keyboard, and tool bar. Attention was called to individual and personal differences, desires and self-esteem. The study examined the effectiveness of the Microsoft Paint on the development of drawing and writing skills and hand-eye coordination activities. Quantitative and qualitative analytical results confirmed that computer games, in particular the drawing by using Microsoft Paint, has developed the skills of drawing and writing in the experimental group 6 males and 10 females (more than it has in the control group )10 male and 6 females(. The drawing became an effective planning strategy for students. Their drawings became a point of reference and a catalyst for the development of their writing expression skills. Typing on the screen by using clear and consistent alphabet letters and without the help of an adult or supervisor has enabled them to save letter shapes in their memories. The effectiveness of Microsoft Paint on expressive writing of students in the first and second grades shall be examined and figuring out that having a computer at home could help gain computer control skills and drawing and writing skills. The study shall be examined in other cultural, social and economic communities.

Writing system skills: Writing skills and letter drawing