

Universiti Teknologi MARA

**EVALUATION AND EFFECTIVENESS
OF
MULTIMEDIA EDUCATIONAL SOFTWARE**

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ABSTRACT

One of the most rapidly changing and exciting areas of education in the world today is the development of computer-based teaching materials, especially interactive multimedia programs that run on personal computers. These new technologies offer students and teachers access to materials as never before. Through the condensed storage capabilities of computers, multimedia can deliver large amounts of information in ways that make it manageable, approachable, and useful. And by making it possible to access illustrations and photographs, sound and video, as well as large amounts of text, interactive multimedia programs present learning information to teachers, and students, in newly engaging and meaningful ways.. This study explains how interactive multimedia can be an effective and powerful tool in education. The study also discusses a variety of ways that multimedia can be incorporated into teaching settings, as well as the technical and practical aspects of getting started with interactive multimedia. The study then continues to evaluate the different perception and performance of students by different learning methodologies and how these materials can be designed such that they reflect and support the ways in which students think and operate in learning situation and also to increase usability, enjoyment and understanding. Suggestions are able to contribute guidelines and examples of improved educational practice that will benefit both students and producers of these materials.

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

Multimedia applications are finding their way into ever expanding corners of our lives: in business, education, public spaces, and private entertainment. Excellence teachers are always in search of new ideas, new ways, and new techniques to make learning more interesting and effective for their students. In an individual's life education has been always be the top priorities. Projects, programs and activities, which are deliberately planned to bring about improvement in any aspect of the education system, can be considered as reformative effort . Wan Mohd. Zahid (1989) also describes reform as any program that is designed to bring about desired change and changes should not be just the sake of changing but to achieve long-term goals. There have been many reforms by educational systems especially in the use of information technology for educational reform (Lim Ong Kim, 1999).