

# ADVANCEMENT IN E-LEARNING

AKRAM M. ZEKI  
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# MULTIMEDIA COURSEWARE FOR CHILDREN

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## ABSTRACT

Multimedia Courseware for children was proposed with the main aim is to make the children mainly age between 5-10 years old good in general knowledge. It also will encourage them to learn and think because at the end of the product there will be quiz to test their understanding on animals. The main objective producing this product is to make children more interesting in learning something. All elements in this product will be conducted in English language. So it will be easier to all the children regardless their origin.

**Keywords:** Multimedia, Courseware, Children

## INTRODUCTION

Multimedia technology can be defined in many ways. Generally, multimedia involves the computer presentation of multiple media formats like text, pictures, sounds, video and etc to convey information in a linear or nonlinear format. Multimedia is considered as an impressive learning media because of its capability in activating perception such as sight, hearing, and so on. There is a good match between multimedia technology and the learning needs of children.

In Malaysia, children are defined as those with a wide spectrum of different categories a more meaningful connection can be made between the visual and verbal presentations. Children nowadays are usually limited by print reading only. But by using this multimedia concept, it will allow children to understand the words or pictures more easily and in a faster way. In addition to the other benefits of this courseware projects is it will increase the children's motivation. For example children nowadays keen to have a longer attention toward the computer rather than books or other print material. This is especially when the program have some animation and so on. A lot of research shown that the teaching and learning process assisted by multimedia could improve the learners' skills and also can increase the capacity of memory up to 25%-30%. One of the main problems that children faced during study is the environment. This means that children will feel bored because every time in teaching they are being trained to used hand material or other print material as their way of learning. By using book or other print material make the children's learning the same as before. Children need some other different approach in learning which can make