

UNIVERSITI TEKNOLOGI MARA

**THE EFFECTIVENESS OF USING ICT IN THE TEACHING
AND LEARNING SCIENCE AMONG OF YEAR 6 PUPILS OF
SK KPG.MELAYU SARAWAK**

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The Effectiveness of Using ICT in the Teaching and Learning Science of among Year 6 pupils of SK Kpg Kpg. Melayu, Sarawak

CHAPTER 1

1.1 Introduction

Education has the possibility of being influenced and maximized by Information and Communication Technology (ICT). ICT increases the education's flexibility, enabling students to access various global educational resources. ICT is able to influence students by giving instructions and guiding them as they learn. Incorporating ICT in education enables skills collaborative development and the knowledge creating capabilities. This brings a better preparation for students, offers lifelong learning and the opportunity to join industry. In other words, ICT has the ability in improving the quality of both teaching and learning.

This study's design is to recognize the efficacy in the utilization of Information and Communication Technology (ICT) in how Science is being taught and learned among Year 6 pupils of SK Kpg. Melayu, Sarawak.

The study's purpose is to provide a deeper understanding on ICT as an educational tool. For the past decade, there has been a change from using science as a learning mode where students and using IT skills to use and adapt ICT as science learning tools. There has also been mounting interest in using ICT to support whole class teaching and learning of science.

For this extensive purpose, the study plans to discover the teachers' attitudes on the use of ICT as a teaching and learning tool. The study is prompted by numerous worries from scholastic shareholders that teachers are not conscious of the technology's capabilities and strong point in training (Mselle, 2012). The usage of technical tools for example internet and computers is still at its moderate in Malaysia.

CHAPTER 2

LITERATURE REVIEW

2.0 Introduction

This chapter highlights the theories that underpin the study. It further discusses the literatures related to the study as well as the knowledge gaps that are to be further explored.

2.1 ICT (Information and Communication's Technologies): What ICT can offer

The role Information and Communication Technologies (ICTs) has in generating the latest and better teaching and learning mode. Numerous investigations are carried out in scrutinizing incorporation of ICT benefits in language teaching.

Information and communication technologies (ICT) have become common in all facets of life. The utilization of ICT for the past twenty years has essentially transformed the preparation and measures of basically all methods of effort inside business and authority. Education focuses on public and education excellence has conservatively connected with resilient teachers with extensive personal contact with learners.

Education ICT gives the students to experience a more student-centered learning situation. In a world that rapidly revolves around digital media and information, ICT's part in education is suitable and significant and in the 21st century, this prominence continuously grows and develops. A literature review in this paper regarding the usage of education ICTs was delivered. Operational usage of Education ICT, accompanied by ICT usage in the teaching learning process; quality and convenience of education; and the learning motivation it offers.