



Belize Muslim Community Primary School Computer Technology Curriculum Workshop; January 2009

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Background

Some Concepts were Adapted from
Information and Communications
Technology (ICT) in the Primary School
Curriculum, Guidelines for Teachers)

Overview: Table of Contents

- Section 1 - Introduction
- Section 2 – Philosophy
- Section 3 - Program Goals
- Section 4 - List of Goals for Software
- Word Processing, Art and Design and Image Editing, Multimedia, Concept-mapping, Spreadsheet and Database
- Section 5 - Educational Software
- Mathematics, Language Arts, Science, Research, Other Languages

1: Introduction

- “Primary school is the bedrock of all Educational development. If we are to train students for work in a technology driven economy, then we must start at the primary level.” Bebe Ajoda, Manager of Instructional Material Development in the Ministry of Education of Trinidad & Tobago
- Computers are becoming an integral part of our lives in today’s global and technological world. Needless to say, educators are seeing this technology as a part of our era and so computers and the Internet are becoming more and more common place in schools. In many countries, children in kindergarten and first grade are exposed to them and taught to use both computers and the Internet.

1: Introduction (cont)

- In an effort to prepare students at the Muslim Community Primary School to become resourceful and productive citizens, Computer Technology is being implemented from Infant 1 to Standard 6.
- Students will use software to not only master the necessary technological skills, but will also and more importantly use reinforcement software to enhance their different learning styles in areas of Mathematics, Language Arts and Science.

2: Philosophy

- The primary goal in the computer Science curriculum is dual: 1-To experience the critical thinking and problem solving that comprise the foundations of Computer Science and 2-To use the computer as a tool to be utilized in all aspects of the students' educational experience.
- This is achieved in two ways: by Computer Science classes and by integration of technology into the classroom curriculum.

2: Philosophy (cont1)

- Computer Science will be implemented in the curriculum to help students become technologically knowledgeable and efficient. Technology in the computer lab will be introduced in collaboration with the classroom teachers.
- Standards will be set for each level and presentations and lessons prepared for areas in Math, Science, Health Science, Social Studies and Language Arts.
- In addition, students will be taught how technology tools are used so that they can prepare reports and presentations for classes.

2: Philosophy (cont2)

- Computer Science will be implemented in the curriculum to help students become technologically knowledgeable and efficient. Technology in the computer lab will be introduced in collaboration with the classroom teachers.
- Standards will be set for each level and presentations and lessons prepared for areas in Math, Science, Health Science, Social Studies and Language Arts.
- In addition, students will be taught how technology tools are used so that they can prepare reports and presentations for classes.

2: Philosophy (cont3)

- The main goal of this computer program is to provide students with the opportunity to be self-directed, to pose and pursue their own questions, to explore, construct and create. It is also designed to encourage students to feel confident enough to explore and build on what they know while equipping them for higher learning.

3: Programme Objectives

The Computer Science program is designed:

- *To develop students technological fluency through the effective use of computers*
- *To provide guidelines for the ethical use of computers*
- *To familiarize students with various computer applications such as word processing, presentation etc.*
- *To encourage students to be problem solvers*

3: Programme Objectives (cont)

The Computer Science program is designed:

- *To cultivate independence*
- *To help students develop self-confidence while they develop their technological skills*
- *To enhance what students are learning in the classroom by promoting the integration of computer use with classroom work*
- *To encourage cooperative learning through group activities*



BELIZE

**Muslim Community Primary School
Computer Technology Curriculum**

Inf. 1 & Std. 6 Bird's Eye View

Jan 2009 – June 2009

Infant I

	January	February	March	April	May	June
Week 1		Mouse Manipulation Click	Mouse Manipulation Click and Drag	<i>Easter Vacation</i>	Keyboarding/ Mouse Manipulation	Keyboarding/ Mouse Manipulation
Week 2		Mouse Manipulation Double Click	Mouse Manipulation	<i>Easter Vacation</i>	Keyboarding/ Mouse Manipulation	Keyboarding/ Mouse Manipulation
Week 3	Computer Basics (Monitor, Mouse)	Mouse Manipulation Click	Keyboarding (alphabet)	Keyboarding/ Mouse Manipulation	Keyboarding/ Mouse Manipulation	Keyboarding/ Mouse Manipulation
Week 4	Mouse Manipulation Click	Mouse Manipulation Click and Drag	Keyboarding (alphabet)	Keyboarding/ Mouse Manipulation	Keyboarding/ Mouse Manipulation	Keyboarding/ Mouse Manipulation

Standard 6

	January	February	March	April	May	June
Week 1	Microsoft Excel (Introduction)	Research	Microsoft Word (Adding Tables)	<i>Easter Vacation</i>	Microsoft PowerPoint/ Internet (Formatting)	Microsoft PowerPoint (Group Presentations)
Week 2	Microsoft Excel (Collecting and Analyzing data)	Research	Microsoft Word (Bullets and Numbering)	<i>Easter Vacation</i>	Microsoft PowerPoint/ Internet (Formatting)	Microsoft PowerPoint (Group Presentations)
Week 3	Microsoft Excel (Using Formulae)	Research	Microsoft Word (Writing and formatting letters)	Microsoft PowerPoint (Introduction)	Microsoft PowerPoint/MS Encarta (Creating a report)	Review
Week 4	Microsoft Excel (Charts and bar graphs)	Research	Microsoft Word (Writing and formatting stories)	Microsoft PowerPoint (Editing)	Microsoft PowerPoint/MS Encarta (Creating a report)	