



ST. MARY'S *Catholic High School, Dubai*

FIRST TERM EXAMINATION PORTION COMPUTING- YEAR 8

1. Computational Thinking

1.1 What do I know?

1.2 Using Pseudocode

1.3 Exhaustive search Algorithms

- Abstraction & Exhaustive Search Algorithm

1.4 Sort algorithms

- Insertion sort
- Bubble sort

1.5 More search algorithms

- Serial search
- Binary Search

3. Data and the CPU

3.1 Bits, bytes and base2

- Convert Decimal to Binary
- Convert Binary to Decimal

3.2 Adding in Binary

**NOTE: REFER TEXTBOOK, POWERPOINT PRESENTATIONS
AND WORKSHEETS POSTED IN GOOGLE CLASSROOM**