



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

**FIRST TERM EXAMINATION PORTION– JAN 2022**

**COMPUTER SCIENCE - YEAR 10**

## **Unit 1: Problem Solving**

**Chapter 1 – Understanding Algorithms**

**Chapter 2 – Creating Algorithms**

**Chapter 3 – Sorting and Searching Algorithms**

## **Unit 3: Data**

**Chapter 12 – Binary**

**Chapter 13 – Data Representation**

**Chapter 14 – Data Storage and compression**

## **Unit 4: Computers**

**Chapter 16 – Machines and computational models**

**Chapter 17 –Hardware**

**Chapter 18 – Logic**

**Chapter 19 – Software**

**Chapter 20 –Programming Languages**

## **Unit 5: Communication and the Internet**

**Chapter 21 - Networks**

**EDEXCEL INTERNATIONAL GCSE (9-1)**

**COMPUTER SCIENCE**

**Student Book (David Waller, Chris Charles, Pete Dring, Alex Hadwen-Bennett, Jason Welch, Shaun Whorton)**

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