GRADE 10 COMPUTER SCIENCE RECORDS OF WORK 2027

Terms 1, 2 and 3 | Ministry of Education calendar 2027 (Senior School) | 6 lessons a week

Teacher's name _____ School _____

Class / stream _____ TSC number _____

TERM 1

Wk	Dates	Strand / sub-strand	Work covered	Reflection / remarks	Sign
1	4 Jan - 8 Jan (6 lessons)	**1.0 Foundation of Computer Science (56 Lessons)** - 1.1 Evolution of Computers	1. Early computing devices before electronic computers 2. From mechanical devices to electronic computers 3. Generations of computers I: first and second generation 4. Generations of computers II: third and fourth generation 5. Fifth generation computers and matching technology to generation 6. Appreciating the pace of change: Moore's Law and reflection		
2	11 Jan - 15 Jan (6 lessons)	**1.0 Foundation of Computer Science (56 Lessons)** - 1.2 Computer Architecture - 1.3 Input/Output (I/O) Devices	1. The von Neumann architecture: main components 2. How the parts of the CPU and buses work together 3. Practical: modelling the von Neumann architecture 4. Number systems: binary, octal and hexadecimal 5. Input devices I: keyboard and pointing devices 6. Input devices II: capturing images, sound and codes		
3	18 Jan - 22 Jan (6 lessons)	**1.0 Foundation of Computer Science (56 Lessons)** - 1.3 Input/Output (I/O) Devices	1. Output devices I: monitors and projectors 2. Output devices II: printers and speakers 3. Criteria for selecting input and output devices 4. Practical: using input and output devices to perform a task 5. Specialised input devices 6. Specialised output devices		
4	25 Jan - 29 Jan (6 lessons)	**1.0 Foundation of Computer Science (56 Lessons)** - 1.3 Input/Output (I/O) Devices - 1.4 Computer storage	1. Practical: comparing and selecting devices for a scenario 2. Advancement in input devices 3. Advancement in output devices 4. Input and output devices: review and appreciation 5. Types of computer storage: primary and secondary 6. Categorising storage by technology and connection		
5	1 Feb - 5 Feb (6 lessons)	**1.0 Foundation of Computer Science (56 Lessons)** - 1.4 Computer storage - 1.5 Central Processing Unit (CPU)	1. Practical: reading data from computer storage 2. Practical: writing data to computer storage 3. Criteria for selecting computer storage 4. Data safety in computer storage 5. Structural elements of the CPU 6. How the CPU's elements work together		