Year 8 Computer Science CT2 Topic List.

Here is the list of topics that will be on the end of year assessment. Use this to guide your revision.

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| 1. Computer Systems | 1. Data Representations |
| * Understand the difference between hardware and software. * Identify common input devices. * Identify common output devices. * Identify the CPU | * Describe the binary number system. * Be able to convert between units of data. * Be able to convert between binary and denary numbers. |
| 1. Boolean Logic | 1. Python programming |
| * Identify an AND gate. * Identify an OR gate. * Identify a NOT gate. * Be able to find the output for a logic circuit. * Describe the purpose of a truth table. * Be able to identify the correct output in a truth table. | * Be able to assign a variable in python. * Be able to fix common python programming errors. * Be able to use print in a python program. * Be able to use input in a python program. * Be able to use if statements in a python program. |