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
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| * 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.
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| 1. Boolean Logic
 | 1. Python programming
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| * 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.
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