OCR GCSE (9-1) Computer Science

# Overview of February – March: 2.1 Algorithms

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| Week | Statements | Teaching activities | Notes |
| 1 | Standard searching algorithms:  binary search  linear search | <http://www.canyoucompute.co.uk/l4-searching-algorithms.html> |  |
| 2 | Standard sorting algorithms:  bubble sort | <http://www.canyoucompute.co.uk/l5-bubble-sort.html> |  |
| 3 | Standard sorting algorithms:  insertion sort | <http://www.canyoucompute.co.uk/l6-insertion-sort.html> |  |
| 4 | Standard sorting algorithms:  merge sort | <http://www.canyoucompute.co.uk/l7-merge.html> |  |
| 5 | Sort Algorithms Recap | <http://www.canyoucompute.co.uk/l8-sorting-recap.html> |  |
| 6 | How to produce algorithms using:  using flow diagrams | <http://www.canyoucompute.co.uk/l9-creating-algorithms.html> |  |
| 7 | How to produce algorithms using:  pseudocode | <http://www.canyoucompute.co.uk/l10-pseudocode.html> |  |
| 8 | Interpret, correct or complete algorithms | <http://www.canyoucompute.co.uk/l11-interpreting-algorithms.html> |  |
| 9 | End of Unit Test | <http://www.canyoucompute.co.uk/l12-end-of-unit-test.html> |  |