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The AQA examination Board does not publish the Set Assignments until Mid to late September of each year. Details of what these will consist of is therefore subject to change. For those being examined in 2010 the three set assignments were Presentation, Spreadsheet and Database based tasks and it is assumed that it is likely to be similar from year to year, although the theme and requirements are likely to change. Any dates mentioned in this document are provisional and also subject to change.

ICT Yr 10

| Summer 2009 | Lesson Content (Two lessons per week) | Homework & Assessment |
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| End of Year 9 | Students start theory unit and practice tasks in preparation for year 10 | |
| Weeks 6-12 | <p>Introduction to the Course (AQA A ICT GCSE)</p> <p>Theory: Hardware and Software; Types of Computers; Parts of a computer. Teachers to discuss PowerPoint on these subjects with students. A variety of tasks are built into these PowerPoints for students to complete including interactive tests that will be completed as an individual as well as a <u>by a whole class activity.</u></p> <p>Practical: Introduction to set assignments; Practice analysis of previous years set assignment presentation (Hickley Medical Practice); Review model answer for analysis of practice set assignment (PowerPoint)</p> | |
| Weeks 11-12 | <p>Practical: Requirements of Design section for set assignment. How to use the computer to produce designs for the Hickley Medical Practice Presentation correctly, completion of design booklet 2 which asks students to justify their designs according to the analysed criteria as well as justify their choice of software for the solution and devise a test plan according to set details.</p> <p>All students will miss 3-4 lessons during this period due to the planned enhancement weeks.</p> | |
| Autumn 1st Half (8 Weeks) | Students continue theory unit and complete practical practice before starting set assignment 1 for those being examined in 2011 | |
| Weeks 1-2 | <p>Theory: Manual Input Devices. Teachers to discuss PowerPoint on these subjects with students. A variety of tasks are built into these PowerPoints for students to complete including interactive tests that will be completed as an individual as well as a by a whole class activity.</p> | <p>Theory - homework 1 Brief overview of a computer system. Reviews work done at the end of year 9 and week 1 of year 10</p> |
| | <p>Practical: Implementation of practice set assignment (Hickley Medical Centre presentation). Students will create the Powerpoint Presentation and learn that the evidence for this must show how the solution was developed in stages over a period of time as well as be able to explain key elements of the process.</p> | |
| Weeks 3-4 | <p>Theory: Automatic Input Devices and Storage Devices. Teachers to discuss PowerPoint on these subjects with students. A variety of tasks are built into these PowerPoints for students to complete.</p> | |

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| | <p>Practical: Completion of Practice set assignment. Students will complete the testing and evaluation sections. In testing the students will test to make sure that the finished presentation meets the specified requirements of the task and evaluation student will discuss how successful they have been in meeting the criteria and consider alternative and improved solutions which may be possible. Students will be expected to submit the completed practice project to teachers at this point.</p> | <p>AFL - Work will be checked by teachers and a feedback form will be given to students suggesting areas that need to be improved when completing the real set assignments.</p> |
| Week 5-6 | <p>Theory: Storage Devices (Part 2) and Operating Systems Teachers to discuss PowerPoint on these subjects with students. A variety of tasks are built into these PowerPoints for students to complete including interactive tests that will be completed as an individual as well as a by a whole class activity.</p> | <p>Theory - homework 2 Input Output Storage. Reviews work done in class in weeks 1-6</p> |
| | <p>Practical: Students are to complete the analysis of the first set assignment. The first lesson will recap the content required for each of the areas.</p> | |
| Weeks 7-8 | <p>Theory: Networks and end of Unit 1 Test Teachers to discuss PowerPoint on these subjects with students. A variety of tasks are built into these PowerPoints for students to complete including interactive tests that will be completed as an individual as well as a by a whole class activity. Students will be given a series of revision questions and a list of the pages to read in the textbook to help them to prepare for the end of unit test</p> | <p>Revision for end of unit theory test - Covering all theory lessons up to this point. To be marked by teachers and students are to receive these results individually as well as this common misconceptions are to be reviewed as a group.</p> |
| | <p>Practical: Completion of Analysis for set assignment 1. In the final lesson students will be expected to hand in their analysis of the task for marking.</p> | <p>Analysis of set assignment 1 to be marked by teachers. Note to parents: Once marked the analysis cannot be changed, however other areas can be improved by students up until the departmental deadline (approximately April 2011)</p> |

Half Term

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| Autumn 2nd Half (7 weeks) | <p>Students focus on completing Design and Implement of set assignment1</p> | |
| Week 9-11 | <p>Theory: Feedback on Test and Results. At this stage there will be a greater concentration on getting the set assignment completed as this represents 30% of the final mark at GCSE. The amount of theory lessons will be reduced from 1 lesson a week to 1 every fortnight. Homework from now on will be based upon the areas covered in this lesson. Timings are based upon advice from the examination board although it is hoped that students will complete these tasks prior to these deadlines</p> | <p>Year 10 assessment - 1 Thursday 5th November. Work to date will be assessed by Teachers and effort and attainment levels given. Year 10 progress evening is scheduled for 19th November</p> |
| | <p>Practical: Complete Design work for Set Assignment 1. This will involve the completion of computer based plans as well as design booklet 2 which covers: explanation of how the computer based plans meet the end users specification; an explanation of software choice and the creation of a test plan.</p> | <p>Homework = Completion of Design Booklet, students will be made aware that this is due to be marked shortly.</p> |
| | <p>Theory: System Life Cycle Teachers to discuss PowerPoint on this subject with students. A variety of tasks are built into these PowerPoints for students to complete including interactive tests that will be completed as an individual as well as a by a whole class activity.</p> | <p>Theory Homework 3 - System Life Cycle</p> |

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| Week 12 - 15 | Theory: Associated with the requirements of set assignment 1 - This is included this year to coincide with the requirements of the set assignment. It is therefore subject to change in future years. Teachers to discuss PowerPoint on this subject with students. A variety of tasks are built into these PowerPoints for students to complete including interactive tests that will be completed as an individual as well as a by a whole class activity. | Theory homework 4 - TBC (Based upon requirements of set assignment 1) |
| Practical: Implementation of set assignment 1. Students will create the artefact and will complete the implement booklet to show how the solution was developed in stages over a period of time as well as be able to explain key elements of the process. | | AFL Hwk 2- Mark set assignment 2 Design and give improvement feedback before the holidays. |

Christmas Break

Spring 1st Half (6 weeks) Students complete set assignment 1 and start set assignment 2

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| Week 1 | Practical: Complete Implementation of set assignment 1. Students will create the artefact and will complete the implement booklet to show how the solution was developed in stages over a period of time as well as be able to explain key elements of the process. | Homework = completion of Implementation |
| Week 2 | Practical: Completion of of Testing for set assignment 1. Students will use the test plan they devised earlier in the design section and will test if the finished artefact has been created successfully. If any tests fail students will be expected to fix the artefact and retest. | Year 10 assessment 2 = February 10th. Parents Evening 4th March. |
| Week 3 | Practical: Completion of Evaluation for Set Assignment 1. Students will assess their work against the specified criteria and suggest alternative solutions as well as ways in which improvements might be possible. Work will need to be collected by teachers at this point for marking | AFL Hwk 3: Completion and marking of First Set Assignment and Feedback to be given re marks and areas of improvement required |
| Week 4 | Theory: Pre-Preparation for set assignment 2 including both theory and software techniques surrounding the requirements of set assignment 2. | Theory Homework 5 - TBC (Based upon requirements of set assignment 2) |
| Week 5-6 | Practical: Completion of Analysis for set assignment 2. In the final lesson students will be expected to hand in their analysis of the task for marking. | Analysis of set assignment 2 to be marked by teachers. Note to parents: Once marked the analysis cannot be changed, however other areas can be improved by students up until the departmental deadline (aproximately April 2011) |

Half Term

Spring 2nd Half (5 Weeks) Students complete design, implement and testing for set assignment 2