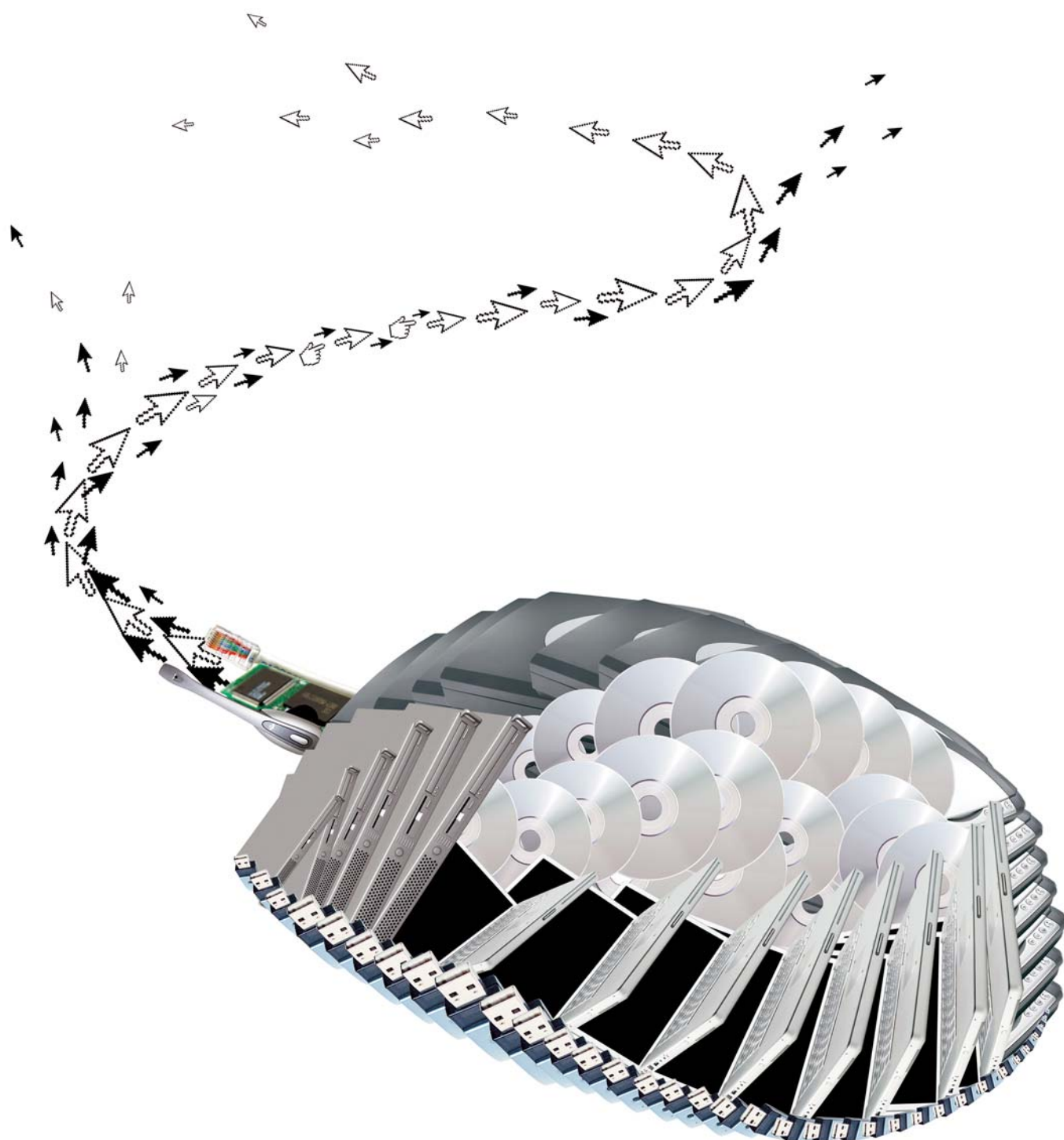


**SAMPLE INTERNALLY ASSESSED UNIT COMMENTARY**  
**UNIT 3 - WORKING WITH TECHNOLOGY**



# **Diploma – Principal Learning Information Technology**

## **Level 1 Unit 3 Working with Technology**

### **Sample Internally Assessed Unit Commentary**

*Please note that the following internal tasks, responses and moderator commentary are provided as examples only for the purpose of assisting assessors delivering the Diploma Principal Learning. A direct relationship between the marks/commentaries and a unit grade cannot be made at this stage, since grade boundaries will be determined at the Award Meetings at the end of each series.*

# The Laptop Project Commentary

## Unit 1 Working with Technology

The documents and files provided cover the assessment requirements for the internally assessed element of Unit 3. It must be borne in mind that this Unit is 50% assessed through the coursework provided here and 50% through a written examination. This does mean that the marks awarded for this coursework are actually worth only half the amount that the same mark would be in other units.

The candidate has provided a range of documents that fulfil the evidence and assessment requirements.

The candidate has worked independently and as part of a team to create the solutions to a teachers problems – needing a new laptop, printer and scanner. He has also worked on class exercises and individually to solve technical problems of a simple nature.

The candidate has clearly demonstrated his knowledge of technical topics in IT and has used good interpersonal skills to clarify problems and provide solutions. He has taken the written statement of requirements and has designed, developed and tested a system to meet them. The main deficiency in the design work is a lack of understanding of the business requirements.

In his problem solving work it is clear that he has great ability and knowledge, but he is let down by a lack of recording – quite typically he appears to enjoy the practical aspects more than the written aspects.

The standard of English is good and a substantial and appropriate technical vocabulary is used.

Overall the portfolio of evidence shows many strengths but a lack of attention to detail reduces the marks available.

The attached Marking Grid shows where and why marks have been allocated and overall the portfolio is awarded **38/48**.

**AQA-C&G IT DIPLOMA: PRINCIPAL LEARNING LEVEL 1, UNIT 3: WORKING WITH TECHNOLOGY      YEAR**  
**OF EXAMINATION:**

<b>Centre Number</b>	<b>Candidate Name</b>	<b>Assessor</b>	<b>Total Mark</b>
	<b>Candidate Number</b>	<b>Moderator</b>	<b>Moderator's Mark</b>
			<b>38/48</b>
			<b>/48</b>

**Assessment criteria topic 1: Use applications software, including database management software, to make use of and update an existing database (9 marks)**

	0-1 mark	2 marks	3 marks
<b>1</b>	Candidate carried out limited searches on commercial databases	Candidate answered specific questions by searching a variety of commercial databases	Candidate answered specific questions by searching a variety of commercial databases, using at least two search criteria
	<p><b>Location of evidence, including page number:</b> In their blog it is clear that the candidate has carried out a number of purposeful searches using various commercial databases and at least two criteria. This is supported by the witness statement 3.</p> <p><b>Comments:</b></p>		
<b>2</b>	Candidate added data to an existing database	Candidate also deleted data from and amended data in an existing database	Candidate also recognised the fields in the existing database
	<p><b>Location of evidence, including page number:</b> Again, in the blog it is clear that the candidate has recognised which are the data fields in the database and they have added, deleted and amended data correctly. This is backed up by the witness statement 3.</p> <p><b>Comments:</b></p>		
<b>3</b>	Candidate carried out limited searches on an existing database	Candidate answered specific questions by searching the existing database	Candidate answered specific questions by searching the existing database, using at least two search criteria
	<p><b>Location of evidence, including page number:</b> The candidate has answered specific questions, using two search criteria but these are very limited and so the award of two marks is appropriate.</p> <p><b>Comments:</b> A more extensive database may have given opportunity to create more extensive searches which would have warranted the third mark being awarded.</p>		

**Assessment criteria topic 2: The design, set up, installation, and development, use and testing of a simple technology system to meet specific business need (27 marks)**

	0-1 mark	2 marks	3 marks
<b>4</b>	Candidate made some attempt to follow a set of procedures during the development of the system	Candidate applied an appropriate set of procedures during the development of the system	Candidate coherently and effectively applied a structured approach throughout the development of the system
	<p><b>Location of evidence, including page number:</b> The candidate has clearly followed a set of procedures provided by the centre (My Computer Blog, page 2) and the procedures appear to have been implemented in a coherent way with the candidate clarifying needs, checking their understanding and doing some design before implementation. Testing has also been planned. This has led to an effective implementation.</p> <p><b>Comments:</b></p>		
<b>5</b>	Candidate made some attempt to reflect on the benefits of following a set of procedures	Candidate reflected on the benefits of applying a set of procedures whilst developing their system	Candidate showed a good understanding of the benefits of applying a set of procedures whilst developing their system
	<p><b>Location of evidence, including page number:</b> In their computer blog the candidate has thought about why applying a set of procedures was beneficial (pages 2 and 3). However, the description is more about the procedures followed than about their benefits and it is not clear that a good understanding is shown.</p> <p><b>Comments:</b></p>		
<b>6</b>	Candidate listed the requirements for the technology system	Candidate described the requirements for the technology system	Candidate described the requirements for the technology system, showing a full understanding of the business purpose and users' needs
	<p><b>Location of evidence, including page number:</b> In their computer blog and document (Mrs Bashir's Computer), the candidate has shown that they have interviewed the user and found out what is required. Although these requirements are described this does not show a full understanding of the business purpose, though there is a clear understanding of the user's needs. This has been complemented by some good research.</p> <p><b>Comments:</b></p>		

0-1 mark	2 marks	3 marks
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<b>7</b>	Candidate produced brief designs for the technology system	Candidate produced designs for all of the technology system	Candidate produced designs for all of the technology system, in sufficient detail to be implemented by a third party	
	<p><b>Location of evidence, including page number:</b> In this case the designs are for the laptop, all-in-one and customisation of the laptop. Designs for the system are found in the options researched in Mrs Bashir's Computer. The designs for customisation are found in the computer blog and the document Setting Up The Computer. These are limited but do reflect the user requirements accurately. The designs could be carried out by a third party.</p> <p><b>Comments:</b></p>			<p>Mark</p> <p>3</p>
<b>8</b>	Candidate produced a limited test plan for the hardware aspects of the technology system	Candidate produced a detailed test plan for the hardware aspects of the technology system	The detailed test plan included the expected results of testing	
	<p><b>Location of evidence, including page number:</b> The test plan in Setting Up the Computer tests the printer and scanner, but is limited as far as testing things such as networking (apart from the printer) and checking that all aspects of the laptop are working.</p> <p><b>Comments:</b></p>			<p>Mark</p> <p>1</p>
<b>9</b>	Candidate produced a limited test plan for the software aspects of the technology system	Candidate produced a detailed test plan for the software aspects of the technology system	The detailed test plan included test data and the expected results of testing	
	<p><b>Location of evidence, including page number:</b> The test plan checks that software is installed correctly and that customisation of the interface and software are working correctly. The candidate says what is going to be tested and how (the test data). The candidate also includes expected results.</p> <p><b>Comments:</b></p>			<p>Mark</p> <p>3</p>

<b>0-1 mark</b>	<b>2 marks</b>	<b>3 marks</b>
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<b>10</b>	Candidate created a technology system that partially met the specified business purpose	Candidate created a technology system that mostly met the specified business purpose	Candidate created a fully working technology system that fully met the specified business purpose
	<p><b>Location of evidence, including page number:</b> Because the business requirements are limited it is difficult to assess how much of the business purpose has been met. However, the client appears to be satisfied (Teacher Witness Statement and computer blog) so it can be assumed that most of the business purpose has been met. The system clearly works.</p> <p><b>Comments:</b></p>		
<b>11</b>	Candidate created a technology system that partially met the users' needs	Candidate created a technology system that fully met the users' needs	Candidate also installed the system for the user
	<p><b>Location of evidence, including page number:</b> The system appears to fully meet the needs of the user, as stated. She is clearly happy with it. The final system has not been installed but a test installation has been carried out which demonstrates that the proper installation will probably work. Despite this proviso three marks may be awarded as the simulation has been carried out.</p> <p><b>Comments:</b></p>		
<b>12</b>	Candidate tested the technology system in line with the test plan	Candidate also checked that some of the results were as expected	Candidate also checked that most of the results were as expected
	<p><b>Location of evidence, including page number:</b> The screenshots in the document Setting Up The Computer provide ample evidence of testing that is backed up by the Teacher Witness Statement. The candidate states at the end of the testing section that the results were as expected and draws conclusions from this.</p> <p><b>Comments:</b></p>		

**Assessment criteria topic 3: Problem-solving to address simple technical problems in the technology system (12 marks)**

	<b>0-1 mark</b>	<b>2 marks</b>	<b>3 marks</b>
<b>13</b>	Candidate attempted to identify some faults	Candidate used a structured approach in attempting to identify some faults	Candidate consistently used a structured approach in identifying faults
	<p><b>Location of evidence, including page number:</b> The teacher witness statement (Number 2) shows that the candidate used a structured approach when attempting to identify faults both in exercises and in class time, solving problems for other students and teachers.</p> <p><b>Comments:</b> It would have been an excellent source of evidence if the candidate had made a log of the problems identified and solved, but the witness statement is sufficient at this level for three marks to be awarded.</p>		
<b>14</b>	Candidate attempted to record some faults	Candidate made an accurate record of some faults	Candidate consistently recorded accurate details of faults
	<p><b>Location of evidence, including page number:</b> Although there is a recording sheet which the candidate has created there are no records of the problems solved, so only one mark may be awarded.</p> <p><b>Comments:</b></p>		
<b>15</b>	Candidate attempted to provide a solution to some of the problems identified	Candidate solved some of the problems identified	Candidate consistently solved the problems identified
	<p><b>Location of evidence, including page number:</b> Again the second teacher witness statement shows that problems were consistently solved and that the school support team had mentioned his ability.</p> <p><b>Comments:</b></p>		
<b>16</b>	Candidate attempted to record solutions to the problems	Candidate made an accurate record of some solutions to the problems	Candidate consistently recorded accurate details of the solutions to the problems
	<p><b>Location of evidence, including page number:</b> Although there is a recording sheet which the candidate has created there are no records of the problems solved, so only one mark may be awarded.</p> <p><b>Comments:</b></p>		