



Year 12 – Summer Transition Homework

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Sixth Form Expectations

To enable you to cope with the demands of the course and achieve your target grades, it is essential that you fulfil the following expectations.

Attendance = **attainment**. Attend all lessons, arrive on time and bring all the necessary books. Do not book appointments during lesson hours.

- Necessary equipment of pens, paper, and your working folders should be brought to EVERY lesson.
- Take responsibility for arriving on time to lessons after break or after a free period.
- No mobile phones or head/earphones in use or in view in the lesson.
- Work to the best of your ability in class and focus on the lesson.
- Listen respectfully to the views of other students.
- Complete all homework and split classroom work.
- Read widely in your own time, including reading the complete set texts for each component as soon as possible.
- Complete all necessary research as directed.
- Attempt all work. If you are unsure of what to do, of course you may ask questions, but there are times when your teacher will want you to work independently without question. You must respect this.
- Take advantage of any extra lessons/revision sessions.
- Keep to deadlines.

Learner Agreement

As a dedicated student of Information Technology at The Langley Academy, I promise to meet the expectations above. I understand that not doing so, will result in school sanctions, parent meetings, and most importantly, it will have a negative impact on my attainment.

Signed		
Print name	 	

Unit 21 – Web design and prototyping

Task 01 – Describe what a domain name is, how it is constructed and why it is important to get the name right:

Task 02 – Using a website example, explain what a site map is and how a specific company uses them to ease the production and navigation processes.

Task 03 – Using an example, explain the additional benefits of a created site map showing examples of functions and features.

Unit 6 – Application Design

Task 04 – Name and describe the stages which occur during the development of a new application. (HINT: system life cycle)

Task 05 – What is a 'User Requirements' document and what is it used for when
developing an application?

Task 06 – Explain the purpose of a feasibility study when developing an application.

Unit 8 – Project Management

Task 07 – What is project management and why is it important when developing an application?

Task 08 – Describe each of the following methods of managing a project: Waterfall, Prince2, agile and scrum.

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Task 09 – (a) What is a Project Initiation Document?						
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Task 09 – (b) Define the meaning of the following terms in the context of managing project.						
Stakeholder						
Client						
Target audience						
Scope						
Purpose						
Objectives						
Deliverables						

Timescales			
Structure			