

Hammersmith Academy 6th Form Summer Transition Task

AAQ Information Technology



Welcome to the AAQ in Information Technology. This exciting applied course explores both the theoretical and practical aspects of IT, including how it's used in real-world contexts to solve problems, drive innovation, and shape the future.

Throughout the course, you will develop:

- Technical skills in areas such as systems analysis, data management, and cybersecurity.
- An understanding of the ethical and social impacts of IT in modern society.
- Strong written communication, presentation, and analytical skills relevant to the IT industry.

This transition task will prepare you to start the course with confidence. It is designed to stretch your thinking, build your independence, and give us insight into your current understanding and skills.

You may use AI tools to help with **research** and **structuring ideas**, but please do not submit work that has been fully generated or rewritten by AI. We want to hear your voice and understand your thinking. Submitting AI-generated content as your own is not acceptable.

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Task 1: Technology and Society Essay (Core)

Write a formal article titled: *"Has technology improved our quality of life?"*

Your article should:

- Present a balanced discussion of both the advantages and disadvantages of modern IT.
- Refer to real-world technologies such as AI, automation, cybersecurity, and communication tools.
- Conclude with your personal view, supported by evidence.

Guidance:

- Word count: 600–800 words.
- Use formal English with accurate spelling, punctuation, and grammar.
- Structure your response with an introduction, clear paragraphs, and a conclusion.
- Reference any sources used.

Task 2: Research a Key Technology

Create a presentation that explores one major IT innovation and its global impact.

Choose a technology such as cloud computing, smartphones, social media, or the Internet of Things.

Your presentation must include:

- **Origin:** Who developed it, when, and why?
- **Adoption:** How many people use this technology today?
- **Employment:** List at least 5 job roles that rely on it.
- **Evolution:**
 - What was its original purpose?
 - How has it developed?
 - How has its cost and accessibility changed?
 - What improvements or future trends are expected?

You may include visuals, data charts, and short videos if relevant

You may present this using PowerPoint, Google Slides, Canva, or another digital format

Be ready to share it on your first day.

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Task 3: Create a Personal Webpage (Challenge)

Design a simple webpage that introduces you and your interests.

This task will help you explore basic coding in HTML and CSS—skills you'll use throughout the course.

Your webpage should include:

- A title and your name
- A short bio (100–150 words)
- A list of your interests or favourite technologies
- At least one image (e.g., a hobby or interest)
- A working link to an external website (e.g., a news article or tech blog you like)

Technical requirements:

- Write all your code in a single .html file
- Use inline <style> tags in the <head> for CSS
- Ensure all content and styling is contained in this one file (no external CSS or JS)
- Save the file as FirstnameLastname.html

Support: You may find this beginner HTML guide helpful: <https://www.csnewbs.com/html-guide>

Submission Format:

Once completed, please email to **atolak@hammersmithacademy.org**

- Three separate files, one for each task
- You're not expected to be an expert – just show us your best effort

We look forward to seeing your work and welcoming you in September!