

Student's Name:	Teacher:
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Subject: Information & Communication Technology

Year 9	Date set: 3rd January	Deadline for handing in: 13th January
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Project title: Me, myself and ICT (Extended)

Digi-Teen Magazine is celebrating its fifth year of publication. Founded by two university students, it aims to bring technology to the masses. Complicated ideas and new developments in ICT are explained in simple language so that they are accessible to as many people as possible.

The main target audience for the magazine is teenagers, although many adults also read it due to its excellent reports into everyday ICT equipment. The magazine is made up of reviews, competitions, 'Best Buys' and articles looking at life in the 21st Century. The magazine regularly has pull-out sections focusing on one specific area – previous pull-outs have covered digital photography, the Internet, what the future holds for ICT and a comparison between life in 1906 and 2006.

As one of the journalists working for Digi-Teen Magazine, you have been asked to investigate and research hardware, software and concepts that some people find difficult to understand. You will then present them for this target audience.

The magazine recently won an industry award for helping teenagers better understand the digital world in which they live.

As one of the journalists working for Digi-Teen Magazine, you have been asked to investigate and research hardware, software and concepts that **some people find difficult to understand**. You will then present this information **for the magazine's target audience**.

- You will need to examine at least FIVE different categories of technology and explain the effects of ICT on individuals (i.e. how it changes / has changed people's lives!)
- You will identify how each specific technology is used, its benefits and disadvantages. Where possible, you should base this on your own use of the technologies listed.
- You must present this in a magazine article (single or double page spread) style.

I want to see:

An article for the next edition of the magazine describing how technology is used by individuals. The editor has provided you with the following list of possible technologies to investigate to get you started. They have asked you to cover at least **one item** from at least **five** different categories:

- **internet** (eg. email, www, messenger, chat rooms)
- **communication** (eg mobile phone, video phone, video conferencing, information points)
- **entertainment** (eg games console, MP3 player, digital TV)
- **mobile access** (eg laptop, PDA, wi-fi, WAP)
- **data capture** (eg digital camera, voice recorder, scanner)
- **financial transactions** (eg ATM, EPOS, smart card).

Generic Skills	Checklist
Use of technical words	
Logical structure	
Clear presentation	
Good subject content	
Effective Literacy	
Evidence of research	

Task-specific skills	
Use of the 'magazine' format (columns, pages, titles etc)	
Appropriate for the audience	
Use of ICT to present	
At least FIVE categories of technology covered	

Useful Resources:

- BBC 'Click'
Weekly television programme broadcast on BBC News Channel and available via www.bbc.co.uk/iplayer
- BBC News website <http://news.bbc.co.uk/1/hi/technology/default.stm>
Technology update on the BBC website.
- Computer Weekly <http://www.computerweekly.com/>
The on-line version of the IT magazine.
- How cool stuff works
Woodford, Chris.
- How stuff works <http://www.howstuffworks.com/>
An instructional and an update on technological advances resource.
- My iPhone *3rd ed.*
Miser, Brad.
- The gadget book : and how really cool stuff works
Woodford, Chris.
- The rough guide to Android phones
Clare, Andrew.
- What's science ever done for us? : what the Simpsons can teach us about physics, robots, life and the universe
Halpern, Paul.

All books listed are available via the Cambridgeshire Library Service

Extra things you could do:

- *Design a front cover for the magazine 'Digi-Teen' featuring a special issue on the topic of 'new tech for teenagers'. You could research some existing magazines and gather ideas from their front pages.*
- *Design a contents page for the magazine to accompany the front cover.*
- *Design the home screen for an iPhone / iPad app to accompany your magazine.*

THIS SHEET AND YOUR EVALUATION SHEET MUST BE ATTACHED TO YOUR PROJECT WHEN YOU HAND IT IN

Success Criteria: This work forms part of your portfolio of work for your OCR National in ICT course and is assessed according to the course's criteria.

	Grade:	Tick
Describe in detail how 4 technologies (from different categories) are used by the individual	M	
Describe in detail 4 benefits of each technology	M	
Describe in detail 4 disadvantages of each technology	M	
Describe in detail how 5 technologies (from different categories) are used by the individual	D	
Describe in detail 5 benefits of each technology	D	
Describe in detail 5 disadvantages of each technology	D	

