Learning graph

KS4 – Impact of technology

Conceptual background

- Explain the term 'stakeholder'
- Explain data legislation
- Explain the term 'privacy'
- Define 'computer misuse' and the associated offences

Legal issues

- Define ‘downtime’ and explain the associated impact on an organisation
- Explain what is meant by the digital divide and measures to mitigate its effect
- Explain the environmental impacts of social media
- Explain the ethical impact of using algorithms to make decisions
- Explain the ethical issues surrounding the use of AI in society
- Explain the social and environmental impacts of social media
- Explain the social and environmental effects of online content

Social, moral, ethical

- Identify the implications of having personal data online
- Identify positive and negative aspects of the use of mobile technology
- Distinguish between creative uses and infringement of copyright

Skill

- Define the terms 'privacy', 'legal', 'ethical', 'environmental', 'cultural'
- Explain the right to be forgotten
- Demonstrate knowledge of the five impacts of technology
- Identify situations that would be classified as an offence under the Act
- Explain the environmental impacts of the use of technology
- Explain the ethical impacts of using algorithms to make decisions
- Explain the ethical issues surrounding the use of AI in society

May

- Concept
- Skill
- Link
- Direct prerequisite
- Scaffolding not direct prerequisite

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