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Challenges

Security & Ethics - Teacher Guide

1 hour in total (45 min session plus 15 minute Q&A)

Aims

- This workshop will help teams to understand how their ideas (product or solution) uses different types of data, and the importance of thinking about privacy for their users.

- The workshop should encourage teams to consider the wider ethical implications of technology and help them to apply this to their own ideas.

- The teams should leave the session with an understanding of the key security and ethical considerations surrounding their ideas.

Resources

- **Personal Data Worksheet (PDF supplied) -** please print, one per team/one each, whichever you prefer.

- **Ethics and Security Action Plan (PDF supplied) -** please print, one per team/one each, whichever you prefer.

- **Pens/pencils.**

Session Structure

We will supply a copy of the slides used in the session.

- **Introduction** - 2 mins

- **Legal vs Ethical** - Differences with examples - 8 mins

- **Personal Data** - Group Exercise using personal data worksheet - Examples of how to design legal and ethical personal data use - 15 mins

- **Ethics & Security Action Planning -** Questions to consider - Group Exercise using the Ethics and Security Action Plan worksheet - 15 mins

- **Summary, top-tips, next steps** - 5 mins

- **Q&A** - 15 mins

Suggested Follow Up Activity:

For older groups, watch The Social Dilemma in full and discuss the issues it raises about personal data and ethical products. https://vimeo.com/462049229 (NB contains some mild swearing and references to mental health, suicide, political violence). For younger groups you may wish to select clips and sections to spark discussion.

Additional online resources

Useful online resources:

https://digisafe.thecatalyst.org.uk/

https://www.twinkl.co.uk/resource/t-slt-42-gdpr-compliance-checklist (some further links to resources from this as well)

https://www.tes.com/teaching-resource/technology-ethics-and-security-12155157

https://applieddigitalskills.withgoogle.com/c/middle-and-high-school/en/technology-ethics-and-security/overview.html

https://ico.org.uk/ - lots of useful resources and explanations of the GDPR.