



DreamSpace

Post Video Resource

Episode 2

Technology
Impact
Research
Project



Curricular Alignment

Subject	Relevant Learning Outcomes	Key Skills
Business Studies	<ul style="list-style-type: none">- Examine the role of technology in shaping industries and employment trends.- Assess the impact of technological advancements on business ethics and corporate social responsibility.	<ul style="list-style-type: none">- Being Numerate (Analysing data/statistics on technology's impact)- Managing Information & Thinking (Evaluating real-world case studies)
Digital Technology / Computer Science	<ul style="list-style-type: none">- Explore the societal and ethical implications of new technologies.- Analyse the role of data and automation in modern life.	<ul style="list-style-type: none">- Critical & Creative Thinking (Evaluating pros and cons of technological developments)- Managing Information & Thinking (Sourcing reliable information, forming evidence-based opinions)
CSPE (Civic, Social, and Political Education)	<ul style="list-style-type: none">- Investigate how technology influences democracy, human rights, and global issues.- Debate ethical considerations in digital development.	<ul style="list-style-type: none">- Communicating (Explaining complex ideas in accessible ways)- Being Responsible (Understanding personal and societal impacts of tech)
Science	<ul style="list-style-type: none">- Evaluate the environmental impact of different technologies (e.g., renewable energy, AI in healthcare).- Explore technological advancements in medicine and their implications.	<ul style="list-style-type: none">- Being Literate (Reading and interpreting scientific reports)- Working with Others (Collaborating to analyse real-world case studies)
English	<ul style="list-style-type: none">- Develop and deliver an engaging, well-structured presentation.- Use research skills to build a coherent argument.	<ul style="list-style-type: none">- Communicating (Public speaking, persuasive writing)- Managing Myself (Organising information for a clear, logical presentation)

Learning Intentions

By the end of this activity, students will:

- Investigate how a specific technology influences different aspects of society.
- Develop research skills by gathering and evaluating information from credible sources.
- Organise findings into a clear and engaging presentation.
- Practise public speaking and effective communication techniques.

Success Criteria

Students will demonstrate success by:

- Conducting well-structured research using a mix of sources.
- Presenting findings in a logical and engaging way.
- Clearly explaining the benefits and challenges of the chosen technology.
- Using multimedia (e.g., slides, visuals, short videos) to enhance their presentation.
- Answering audience questions with confidence and clarity.

Activity Breakdown

Step 1: Topic Selection (10 minutes)

- As a class, brainstorm different technologies with societal impact, such as:
 - AI and automation
 - Social media and mental health
 - Renewable energy innovations
 - Robotics in healthcare
 - Cryptocurrency and digital finance
 - E-waste and sustainability
- Students select a topic in pairs or small groups.

Step 2: Research Phase (1-2 lessons)

- Provide students with guidance on credible research sources (e.g., academic articles, government reports, reputable news sites).
- Key research questions to explore:
- What is the technology? (Brief history, how it works)
- What are its benefits? (Social, economic, environmental, ethical)
- What are its challenges? (Ethical concerns, risks, accessibility issues)
- How does it impact daily life? (Case studies, statistics)
- What is its future potential?

Step 3: Presentation Preparation (1 lesson)

- Structure of Presentation:
- Introduction (Overview of the technology)
- The Impact (Positive and negative effects on society)
- Real-world Case Studies
- Future Outlook (Predictions, improvements needed)
- Conclusion & Key Takeaways
- Encourage the use of engaging visuals, infographics, or short clips.
- Provide a checklist to help students self-assess their work before presenting.

Step 4: Presentation Delivery (1-2 lessons)

- Each group delivers a 5-7 minute presentation to the class.
- Audience Engagement: Students in the audience take notes and prepare one question per group to ask at the end.

Step 5: Peer & Teacher Feedback (10 minutes per presentation)

- Use a feedback rubric covering:
 - Clarity & Structure
 - Quality of Research
 - Engagement & Delivery
 - Use of Visual Aids
 - Ability to Answer Questions
- Students complete peer feedback forms for one other group.

Extension Activity (Optional)

If time allows, students can write a reflective piece on what they learned from the presentations.

Prompt: "How has your perspective on technology's impact changed based on the research and presentations?"

