4 and 5 RA

Lesson 4 & 5 - Production Log Setup & ROIP

Do Now : On Whiteboards

Your EPQ project is an "Academic inquiry" based around a research question.

What is an **Academic inquiry** for?

What properties does a good **research question** have?

Production Log Set Up

☐ Production Log Set Up 📅 2025-11-09

- Download the "Blank Production Log 25-26 UTC OLP" below .
- Never edit this document online, always edit in Desktop App
- Fill in your "Full Name" and "Candidate Number". These should copy onto every page.
- Save it with the file name format "[Candidate Number] Prod Log"
  - e.g."GWP0490 Prod Log"
- Upload and submit so I can check it's set up right.

Candidate Numbers

C&G Ref	Forename	Surname
SZJ1294	Rayyan	Ahmed

Production Log Set Up

- Download the "Blank Production Log 24-25 UTC OLP".
- __Never edit this document online, always edit in Desktop App.
- Fill in your "Full Name" and "Candidate Number". These should copy onto every page.

- Save it with the file name format "[Candidate Number] Prod Log"
  - e.g."GWP0490 Prod Log"
- Upload and submit so I can check it's set up right.

Candidate's Full Name:	Change Me
City & Guilds Registration Number:	Change Me
Centre Name:	CIISec
Centre Number:	006820

Employer Links : CIISec

- I'm going to [CIISec Live](#) on the 25th November.
- I've been shortlisted for CyberEPQ Supervisor of the Year.
- Have a look at the schedule and see if there is anything or anybody interesting I can try and ask questions etc.

ROIP Brainstorming

What areas are you interested in?

Brainstorm ideas / No bad ideas at this stage

- What did you find interesting / exciting.
- What questions could you ask?

Mind Map Exercise

ROIP Brainstorm Mindmap

```
Error parsing Mermaid diagram!

Cannot read properties of null (reading 'getComputedTextLength')
```

Mindmapping

- https://tinyurl.com/ROIPmm https://mermaid.live/
- For each module
  - Think about what you saw
    - Was it interesting / exciting?
    - Did it raise any questions?
    - If Not delete the module (to tidy up, I expect most of you to delete a lot of the modules)
- Remember to save the image and text somewhere

Then filter the ideas

What does the project need to allow me to include?

What my question will I have to let me do?

Can I find info safely?

What does the project need to allow me to include?

What does the project need to allow me to include

- **Identify, design, plan and complete** an individual project, applying a range of **organisational skills and strategies** to meet **agreed objectives**.
- **Obtain, critically select and use information** from a **range of sources**; analyse data, apply it appropriately and demonstrate understanding of any relevant, connections and complexities of the topic.
- Select and use a **range of skills**, including new technologies, solve problems, take decisions critically, creatively and flexibly, to achieve planned outcomes.
- **Evaluate** outcomes both in relation to agreed objectives, as well as own learning and performance.
- Select and use a **range of** communication **skills** and media to present evidenced outcomes and conclusions in an appropriate format.

What will I have to do

What will I have to do?

An investigation into a cyber security related topic of your choice.

Outputs :

- Production Log / forms for all the stages of the project
- Gantt Chart / Planning documentation
- A list of the sources you looked at what you used and why (Evaluation Table of Resources)
- 5000-word essay
- Filmed Presentation

Checking your idea

- Is the title clear and focused on an issue which can be managed:
  - within the timescale, available resources and word total?
- Do the title and proposed action plan indicate that you will be capable of:
  - investigating and researching the topic or carrying out the activity or task independently?
- Is there a danger that you will be unable to approach the project impartially and in a balanced way?

Research for ROIP

The most important thing about your project is : **Can you find reliable information sources about it?**

You can log your searches and what good things you find in any of these ways.

- Search Progress" (in the assignment and by far the easiest)
- Obsidian Web Clipper (the most integrated)
- Copy the blank "Evaluation Table of Resources" for each idea and upload it here (will need different names for each one)
- Zotero

If you can't find at least 3 good sites for info it's not a good idea ? Wikipedia is not a good source but it's references are often a great place to look.
You should find at least 3 specific sites for at least 2 ideas.

City & Guilds

Candidate's Full Name: Change Me......................... .... **City & Guilds Registration Number:** Change Me

To be completed by the candidate

Note: This section records initial meeting(s) with your supervisor to agree your project proposal.

Your first idea for topic (to include overall aim)	
Your first ideas for research and development of your project	
Your supervisor's main comments and advice	

SMARTER Targets

- **Specific** - What exactly will you do?
- **Measurable** - How will you know you've succeeded?
- **Achievable** - Is it realistic?
- **Resourced** - Have you allocated enough time? Have you got enough information?
- **Time Tabled** - By when will you achieve each step?
- **Evaluated** - Keep checking if you are on track
- **Reviewed** - Sometimes changed circumstances mean a modification in the goal is necessary

Next Steps : MEG Checking your idea

- Is the title clear and focused on an issue which can be managed:
    - within the timescale, available resources and word total?
- Do the title and proposed action plan indicate that you will be capable of:
    - investigating and researching the topic or carrying out the activity or task independently?
- Is there a danger that you will be unable to approach the project impartially and in a balanced way?

ROIP

- Start your ROIP (Page 6 of the Production Log) by filling in the
    - "Your first idea for topic (to include overall aim)" and
    - "Your first ideas for research and development of your project" boxes.
- And fill in the back up idea form as well.

- Can I form it into a question?
- Can I find good information sources?
- Will the idea allow me to include everything required to do well?
- Can I do this safely?