

Queen Mary
University of London

MTH6110

Skills Plenary

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Plan for Today

1. Warmup
2. Peer-to-Peer Feedback
3. Updates & Deadlines
4. Research Articles – structure and content

Warmup

You have 3 minutes to draw a bicycle



Do this by yourself, without cheating: no phones, no looking around/outside, and no discussing with your friends!
(judgement-free zone, people)

Warmup

Here is a **bike!**

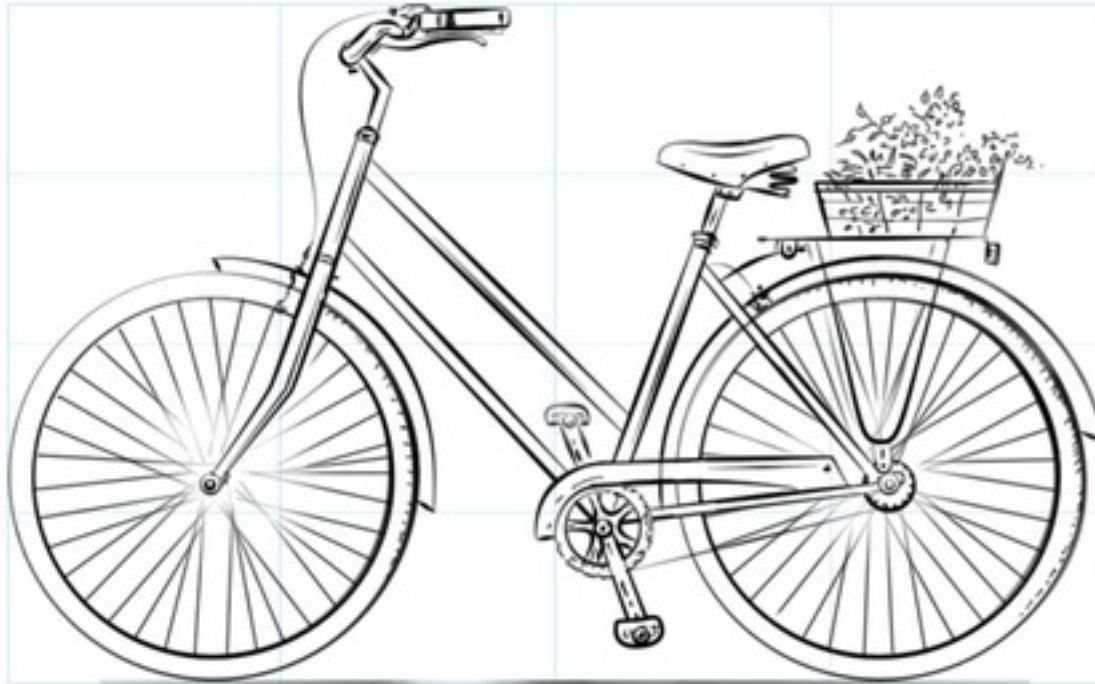


Image courtesy of www.supercoloring.com via google images search

Warmup

The power of observation

- Individually – draw a bicycle
- At your table – what did you have in common/what did you miss?
- Whole class – why did we do this exercise?

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Assignment 1 – Peer-to-Peer CV Feedback

- **Think, Pair, Share** – Exchange your CV with a colleague and use the *Assessment & Marking Criteria* to grade your colleagues' CV. Use the *Feedback for CV Submissions* document to suggest concrete improvements.
- Why are we doing this exercise?
- How is this related to anything else in this module?
- How is this related to the placements in this module?

(Hint: Weekly Skills Checklist)

Our (Weekly) Skills Checklist

- Reading
- Interacting
- Watching
- Reflecting
- Writing



- Giving and Receiving Feedback?

(image courtesy of <https://conceptboard.com/blog/brainstorming-techniques-templates-2023/>)

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Updates & Deadlines

- PDP check-in

Did you set timelines? Can you tick a task off your list this week?
Can you find an Action Plan buddy for regular reality checks?

- Assignment 1 – looking good overall

feedback document prepared based on most common issues
further personalised input available in Learning Café

- Placements – Are you sorted?

- **We meet in Week 7 but not Week 10 (Good Friday)**

You are cleared to have placement visits 2 weeks beyond term
Upcoming Assignment deadlines are Weeks 6, 9, 12

Assignment 2 – Mathematics Presentation

- Choose a topic of your choice from one of your (other) 3rd-year modules and prepare a 4-minute recorded video for a fellow Science & Engineering student (not just SMS)



Assignment 2 – Mathematics Presentation

- Questions
 - Is your topic the right “size” for 4-minutes?
 - Who is your audience?
 - Can you meet one (or more) of your PDP aims?
- Part of the challenge is for you to decide how to explain something in a way you think is “appropriate and doable” given your audience is not just other students in this module.
- You do not need special tech for this assignment

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Maths Education Research Literature

Recall our objectives for next few weeks

- finding relevant resources
- citing resources in your own work
- basic structure of a research article
- how to approach content
- interpretation and application of conclusions



Demonstration Exercise

- Let's choose a (random) Maths Education research article
- **Do not read it (yet)!**
- Identify the basic components
 - Title, journal, abstract, keywords, sectioning,
 - Introduction, methodology, evidence, analysis, conclusions
- Look at construction
 - Theory vs. Practice
 - **Qualitative vs. Quantitative**
- Consider takeaways and limitations?

- How do we cite this (random) work?

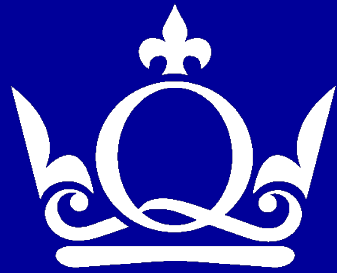
Maths Education Research Literature

Now **you** can practice!

- finding relevant resources
- citing resources in your own work
- basic structure of a research article
- how to approach content

Coming up...

- interpretation and application of conclusions



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Questions?

Thank you for your participation!