

Time Outline for MCM:

Thursday:

- Independently pick problem, then choose as a group
- Each consider problem on their own for 30min-1hr; better creativity
- Do background research, leads to “right way” of thinking about problem

Friday (Math Setup Day):

- More background research
- Formulate the model
- Coding (if applicable)
- Early writing

Saturday (Math Revisions/Results Day):

- Hammer down assumptions
- Tweak, adjust model
- Determine what your model says about the problem
- Significant writing

Sunday (Writing Day):

- Get main body done
- Write strengths/weaknesses, conclusion
- If time, start working on summary page

Monday (Polish):

- STOP adding results!
- Edit!
- **Spend most of your time working on the summary page**
- Come up with a title
- Stop at 5-6pm to print, submit

Sections of the Paper:

- Summary sheet
- Table of contents
- Introduction
- Notation/equation sheet
- Assumptions
- Body (properties of a good model, background knowledge based on lit. review, explain model, results, sensitivity analysis)
- Strengths/Weaknesses/Improving the Model
- Conclusion
- References