Lab Plan for 18/10/23:

* Lab work details:
  + Testing the solvent performance for varying masses of PPE (pomegranate peel extract)
  + Free periods: 12:00-2:40 (lunch in between)
* Varying PPE masses:
  + Some mass of the PPE will be added to 30mL of each solvent.
  + The solutions will then be heated in the heating mantle at max temperature.
  + After ≈10 minutes, they will be taken out and filtered.
    1. Then 20mL of the solutions will be pipetted out into a conical flask.
  + Then, 10mL of the CuSO4 standard will be added to the solutions using a measuring cylinder.
  + Finally they will be placed in the shaker after their color is noted down.

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| **Solvents to be used** |  | **Mass of PPE (grams)** |
| Water |  | 0.05C,E,M |
| EthanolE |  | 0.025A |
| Diluted Ethanol (50%) |  | 0.01 A |
| ChloroformC |  |
| MethanolM |  |

\* *A* means all solvents will need to be tested with this mass