

Inter-group progress sharing

“Pair up” with another group and summarize to each other your results from the first project lab day. Compare what has and has not worked for each group and brainstorm what the reasons could be behind your early findings. Your goal is to learn from each other’s experience and make improvements to your own procedure based on your and the other group’s preliminary results and feedback. You can have this discussion in any shape or form, but the following template may help you if you need some additional structure to your conversation:

1. Assign your group either as group A or group B. Group A begins to summarize the following:
 - a. Your original plan coming into the lab: what your goals were for the day and which steps of your procedure you hoped to complete.
 - b. Justify your planned steps and reagent amounts based on literature or your own rationale.
 - c. Describe how you distributed tasks and responsibilities within your group.
 - d. Any deviations you had to make in your procedure based on early observations.
 - e. Any early findings or results (e.g. a calibration curve) and comments on their nature.
 - f. One or two challenges you identified in the procedures you attempted or absorption measurements made, and your problem-solving process that you followed.
 2. Meanwhile, group B takes notes on the following:
 - a. How are the procedures you followed similar and how are they different?
 - b. Do you have any questions/concerns about the amounts of reagents that Group A used?
 - c. Did your group see similar results where similar procedures were followed?
 - d. Do you agree with their problem-solving strategies and delegation of tasks, or would you have tried something different?
 - e. Share one strength that you found in Group A’s approach and one weakness/suggestion for improvement.
 3. Group B gives feedback to group A, and the roles switch.
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