

MCB422 Pathfinder: who's on first?

Requirement	Description	Expectation	Loss of points if
Goal <b>15 points total</b>	A brief statement of the desired strain or determination	1-2 sentences or outline. Should include purpose or utility of technique or strain if apparent	Imprecise, unclear, wordy
Strategy/plan of attack <b>45 points</b> (20 of these points are for getting 'permission to proceed'. If this process requires excessive attempts or guidance, points will be subtracted here)	A graphic, perhaps generated in <a href="http://www.lucidchart.com">www.lucidchart.com</a> or simple drawing program. DNA can be shown as lines; frameshifts can be designated simply as (+) or (-) and stop codons as @1 (stop in +1 frame). Use x to designate points of crossing over	Ideally this should be a clean, spare <i>visual</i> presentation. If called upon, you should be able to explain your ideas and approach	Messy, incoherent, poorly thought out, lacking refinement, could be enhanced by second draft
Crosses, tests and outcomes <b>15 points</b>	An annotated list of <u>essential</u> crosses <b>performed</b> and key <b>platings</b> (replica plated onto ____ and observed no growth, indicating _____) in determinations and/or strains created. Referenced by strain number	Only elements on the pathway to solving the problem. No penalty if others are stored/created, but they should not be mentioned	Incorrect identification of strains; omission of essential strains or steps
Your name in title of dropBox file <b>10 points</b>	Ummm... your name	Again—your name	Not your name
Insight into problem solving (how to have ideas, how to breakthrough mental roadblocks, how to get from problem to solution) <b>5 points</b>	This should be thoughtful and interesting		

**10 points:** Spelling, grammar, overall organizational clarity. Note that this is 10% of grade!!