

Introduction:

Same suggestions for introduction as in my previous comment – be specific about what enzyme/protein activity you are talking about, on what substrate, etc.

Explain why you expect 16 degrees to be the optimal temperature in the range from 16-18 degrees – you hint at it in your introduction, but try to be explicit.

“...where the repair process of PSII is done” – what do you mean by this?

Overall, double-check grammar and clarity. The logic of the first three sentences are clear, but the remainder of the paragraph is difficult to follow – try to make sure each sentence leads into the next. You may need to add more context to do this.

- A nonsense example of creating logical flow:
Cats and dogs have different toys. Pet toys can be attractive to young children. Children are more likely to prefer dogs over cats.
VS
While children are more likely to prefer dogs than cats as companions, all pet toys (regardless of target animal) are attractive to young humans.

Procedures:

Looks good! Minor comment: make it clear that you have 3 beakers for the water at 3 different temperatures

It seems like you need a couple sentences, maybe in the introduction or at the beginning of the procedures, to explain how this particular experimental method will test your hypothesis. E.g. (for example): “Adding leaf tissue to a mixture of baking soda and water of different temperatures will allow us to address this hypothesis, as the liquid will contain XYZ required for photosynthesis. The leaf disks that photosynthesize will rise...” Don’t copy and paste this, but rephrase it in a way that makes sense to you.

Tables of data:

If the values in the tables are numbers of leaf disks that rose, you need to put this in the header – right now it just says the temperature treatment, but generally the head of the column describes what the values are. You could add a row on top of the temperature treatment header that says “Number of leaf disks risen.” Also, you should remove “optimal” from your temperature headers, as that is what you have hypothesized, not a known fact.

	Number of Leaf Disks Risen		
Time (minutes)	Cold (10 C)	Median (16-18 C)	Hot (35 C)
1	0	0	0

Conclusion:

You discuss what could have gone wrong in the experiment, but in science we also try to address alternative hypotheses that could explain our results. What are the other potential explanations for your data?