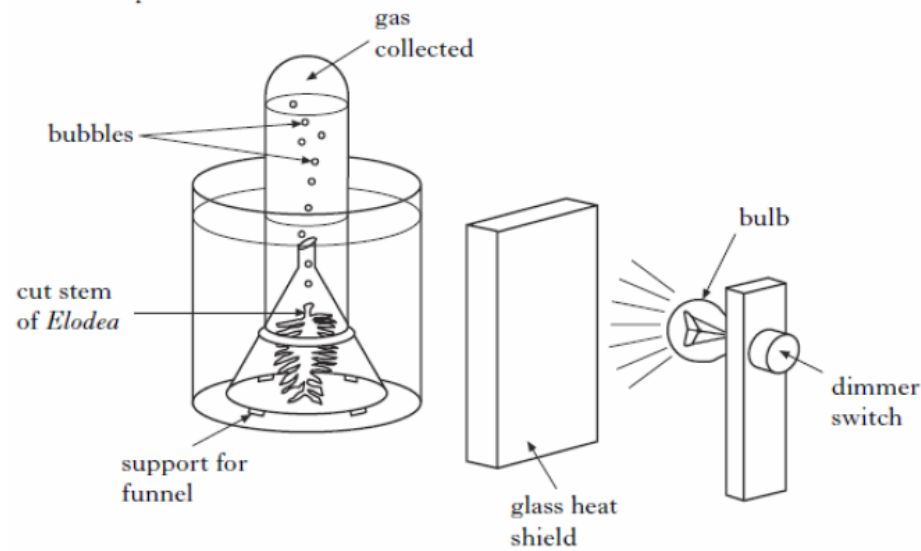


## Biology: Required Practical 5



- What is this required practical about?

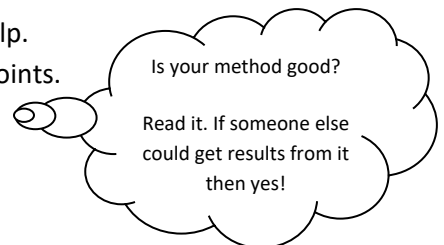
.....

- Label the equipment above.
- Identify the missing piece of equipment.

.....

- What are your variables in this experiment:
- Independent: .....
  - Dependent: .....
  - Control (x3): .....

- Think about how you carried out this practical, use the diagram to help. Write a logical and comprehensive method, using numbered bullet points.



<https://www.youtube.com/watch?v=yg8vgsBOFMw&t=6s>  
[https://www.youtube.com/watch?v=id0aO\\_OdFwA&list=PLAd0MSIZBSsHv1pioWRdg-pZCWT084cdP&index=9&t=0s](https://www.youtube.com/watch?v=id0aO_OdFwA&list=PLAd0MSIZBSsHv1pioWRdg-pZCWT084cdP&index=9&t=0s)

- Outline an alternative method and name equipment you could use to collect gas and work out the volume produced in a more accurate way.

- What is the purpose of the glass heat shield? Why is it important?

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- Outline how an alternative piece of equipment could be used to do the same job as the heat shield.

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- How would you present your results for this practical?

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- Below are three graphs demonstrating the effect of the limiting factors on the rate of photosynthesis. Annotate each one to explain why the graph is that shape.

