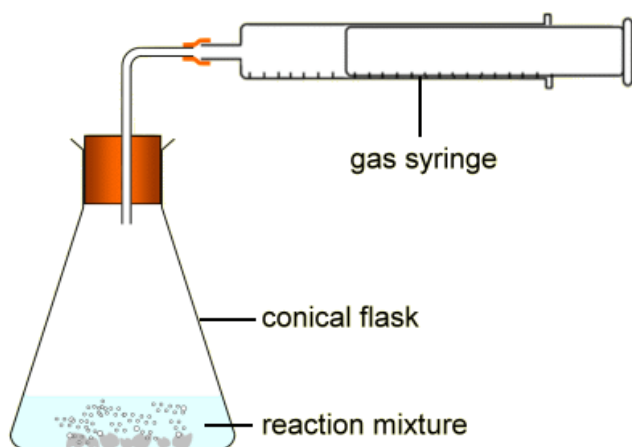




## Chemistry: Required Practical 4

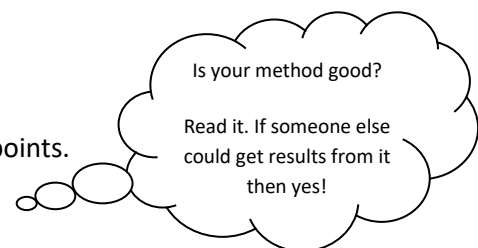


- What is this required practical about?

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- Think about how you carried out this practical.

Write a logical and comprehensive method, using numbered bullet points.



- Outline a potential risk by using this method

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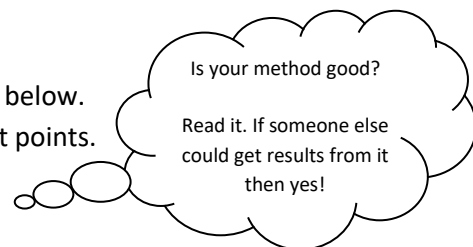
- Outline an alternative way to collect the gas produced by the reaction.

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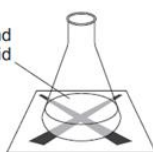
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- An alternative method to measure the rate of reaction is depicted below. Write a logical and comprehensive method, using numbered bullet points.



Sodium thiosulfate and dilute hydrochloric acid



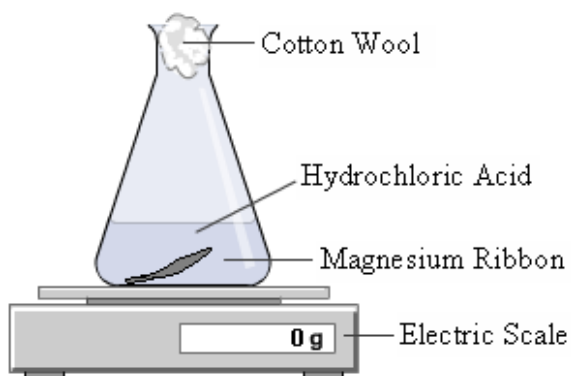
- What is the biggest source of error in measuring the rate of reaction using this method?

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- A student set up the equipment below. They were measuring the rate of reaction by waiting for the mass of the solution to stop decreasing. What is the purpose of the cotton wool?



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