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|  | **Diffusion of Gases - 1****Work in a well-ventilated lab.**1. Put this sheet in a poly pocket.
2. Place the petri dish on top of the sheet, covering the circle.
3. To each of the white circles add 1 drop of diluted universal indicator – with tap water so it remains green.

Then1. Place a blister pack on the grey circle and then add:

**either*** 1. 10 drops of 2 mol l-1 ammonia **and then**
	2. 1 or 2 grains of anhydrous calcium chloride..

Or1. A small spatula (0.25g) of sodium sulphite (Na2SO3) **then**
2. 5-10 drops of 2 mol l-1 HCl.
3. Replace the lid immediately and watch what happens.
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|  | **Diffusion of Gases - 2****Work in a well-ventilated lab.**1. Put this sheet in a poly pocket.
2. Place the petri dish on top of the sheet, covering the circle.
3. To each of the white circles add 1 drop of diluted universal indicator – with tap water so it remains green.

Then1. In the grey circle A add:
	1. 10 drops of 2 mol l-1 ammonia **and then**
	2. 1 or 2 grains of anhydrous calcium chloride.
2. To the grey circle, B, place a blister pack and add
3. A small spatula (0.25g) of sodium sulphite (Na2SO3) **then**
4. 5-10 drops of 2 mol l-1 HCl.
5. Replace the lid immediately and watch what happens.
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|  | **Diffusion of Gases - 3****Work in a well-ventilated lab.**1. Put this sheet in a poly pocket.
2. Place the petri dish on top of the sheet, covering the circle.
3. To each of the white circles add
* 1 drop of 0.1 mol l-1 potassium iodide **and**
* 1 drop of 1% starch

Then1. In the grey circle A add:
	1. 2 drops of 50% domestic thin bleach **and then**
	2. 2 drops of 1 mol l-1 hydrochloric acid.
2. Replace the lid immediately and watch what happens.
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