**Manjimup Senior High School**

**Australian Curriculum**

**Science in Practice Year 11 – Task 2**

**Identifying unknown substances as acidic, basic or neutral**

**Part B – Logbook - Planning and conducting the investigation.**

Use this template together with your group to document the practical component of your investigation. As the document will be shared and will attract marks, initial all entries that you make.

**Group Member Names:**

**Investigation Title (teacher approved):**

**Project Timeline and Progress Log**

Use this table to plan and map out your work until the final due date, including when you will be collecting data. Progress notes (records of what you got done) are to be completed at the end of each class separately by each group member. Use the progress notes space to log period by period progress and to plan for the next class.

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| --- | --- | --- |
| **Date** | **Planned Task** | **Progress Notes** |
| Mon  18 Mar P5 |  | (Student 1 Initials) |
| (Student 2 Initials) |
| (Student 3 Initials) |
| Wed  20 Mar P1 |  |  |
|  |
|  |
| Thurs  21 Mar P2 |  |  |
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|  |
| Fri  22 Mar P4 |  |  |
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| Mon  25 Mar P5 | \*Part A Research & RQs (Individual) Due |  |
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| Wed  20 Mar P1 |  |  |
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| Term 1 Break | | |
| Mon  15 Apr P5 |  |  |
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| Wed  17 Apr P1 |  |  |
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| Thurs  18 Apr P2 | \*Part B Planning & Conducting (Group) Due |  |
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| Fri  19 Apr P4 | \*Part C Data Processing & Analysis (Individual) Due |  |
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| Mon  22 Apr P5 |  |  |
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| Wed  24 Apr P1 | \*Part E Poster Presentations (Group) |  |
|  |
|  |
| Fri  26 Apr P2 | \*Part D Written Report (Individual) Due |  |
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|  |

**Independent Variable**

Include any units or increments.

**Dependent Variable**

Include any units or increments.

**Controlled Variables**

**Materials**

**Methodology**

Figure 1: Diagram of apparatus (if needed)

**Risk Assessment**

Conduct a risk assessment by considering:

What are the risks (people, environment and property)?

How likely is there to be an injury (rare, unlikely, possible, likely, certain)?

If there is an injury or damage to property or the environment, how serious are the consequences likely to be (negligible, marginal, severe, catastrophic)?

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| **What are the risks in doing this experiment?** | **How likely is there**  **to be an injury?** | | | | | **How serious are the consequences**  **likely to be?** | | | | **How can you manage these risks to stay safe?** |
| **R** | **U** | **P** | **L** | **C** | **N** | **M** | **S** | **C** |
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**Observations**

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| **Date** | **Observation**  Anything that might affect the results or be of importance. | **Initial** |
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**Data Table**