**Project Proposal Template - Active Learning**

**Purpose:** This template guides students in outlining their project objectives, methods, and expected outcomes, ensuring a clear and structured approach to hands-on projects.

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**Project Proposal Outline**

Project Title:

Course:

Group Members:

Date:

**1. Project Objectives:**

Clearly define the goals of the project. What do you aim to achieve by the end of the project? E.g., "*To develop a prototype of a solar-powered water purification system suitable for rural communities*."

**2. Methods and Materials:**

Describe the methods you will use to achieve your objectives and list the materials needed. E.g., "*We will use photovoltaic cells to power a filtration system. Materials required include solar panels, water filters, and storage containers*."

**3. Timeline and Milestones:**

|  |  |  |
| --- | --- | --- |
| Milestone | Description | Due Date |
| Initial Research and Concept Development | [Description] | [Date] |
| Material Acquisition | [Description] | [Date] |
| Prototype Construction | [Description] | [Date] |
| Testing Phase | [Description] | [Date] |
| Final Presentation | [Description] | [Date] |

**4. Expected Outcomes:**

What are the anticipated results of the project? What do you expect to learn or demonstrate? E.g., "*We expect to demonstrate that a solar-powered system can effectively purify water for small communities, reducing the reliance on traditional energy sources*."