

Name _____

Planner Challenge

Directions: Create a complete event schedule by following **all time and space rules**. You must place every activity in the correct order without breaking any constraints.



Robotics Expo Planning Task

You are in charge of planning a **middle school robotics expo** for one afternoon. The event runs from **1:00 p.m. to 5:00 p.m.** There are **two rooms available**: Main Hall and Tech Lab. Each activity must be placed in **one room** and must follow the rules below.

Activities That Must Be Scheduled

- Opening Welcome
- Robot Build Session
- Coding Workshop
- Drone Demo
- Break Time
- Competition Round
- Awards Ceremony

Scheduling Rules

- The **Opening Welcome** must be the **first event** and must be in the **Main Hall**.
- The **Robot Build Session** must last **one full hour** and must be in the **Tech Lab**.
- **Break Time** must happen **after the Robot Build Session** and **before the Competition Round**.
- The **Coding Workshop** must happen **before the Drone Demo**.
- The **Drone Demo** must be held in the **Main Hall**.
- The **Competition Round** cannot start before **3:15 p.m.**
- The **Awards Ceremony** must be the **final event** and must be in the **Main Hall**.
- No two activities can be in the **same room at the same time**.
- Each activity must be at least **thirty minutes long**.

Your Task

1. Create a full schedule from **1:00 p.m. to 5:00 p.m.**
2. Assign each activity a **start time, end time, and room**.
3. Double check that **all rules are followed**.