After-School Program Outline 課後社團課程計畫書(Robotics)

114 學年度第 2 學期課程計畫 (For 2025-2026 School year 2nd Semester)	
Program Summary 課程介紹- Robotics	
This program is centered around teaching students ranging from Grades 1-6 to build projects out of Lego EV3 robots and code them, resulting in a functioning robot. This program is not only intended to practice the students'raw building skills, but also to strengthen their critical thinking, communication skills, teamwork, and the ability to enjoy the process. Through this club, we wish to prepare the students for subjects related to science and technology (ex. FRC, FTC, and other robotics competitions).	
預計上課時段 Proposed Class Time: Every Thursday,Period 8	
週次/ 日期 Week/ Date	課程內容 Course explanation
3 2/26	Self-Introduction,basic code teaching,group assigning, introduction to Project 1, begin Project 1
4 3/5	Announce official project 1 criteria. Make Project 1 based on the condition
5 3/12	Make Project 1 (or, if they finish, code Project 1)
6 3/19	Code Project 1
7 3/26	Code Project 1
8 4/2	Result Presentation of Project 1, see which group performs best, and give a prize to the best group. Introduction to Project 2: if the Result Presentation finishes, introduction to Project 2
9 4/9	Making of Project 2 (If the result presentation is not finished, the Week 6 Class will be moved here.)
10 4/16	No Club- Midterm Prep.

11 4/23	No Club- Midterm Week
12 4/30	Making of Project 2
13 5/7	No Club – AP Exam Prep.
14 5/14	Making of Project 2, Start coding for Project 2
15 5/21	Code Project 2
16 5/28	Result Presentation of Project 2
17 6/4	Introduction to FLL (FIRST LEGO LEAGUE)
18 6/11	FLL Robot Sample Building
19 6/18	Movie Time