**附件一、學校申請表**

**申請學校：西林國小**

**申請經費總計(107/108/109學年度)：15 萬元**

**學校聯絡人及電話：李政蒲 0972-509797**

**申請內容簡述：**

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| 實施內容   1. 成立西林國小創客社團，利用暑期辦理創客研習課程培訓師生、親子、學生Maker技能，讓學生能夠應用習得能力進行想像力發想與創作，透過期末成果展期間辦理成果展示，期望學生能應用Maker能力提升學習效能，幫助部落尋找文創新契機。 2. 第一年學習空拍相關知能，含四軸飛機組裝、操作、空拍技巧與影片剪輯＆輸出。 3. 第二年學習四軸飛機與開放式硬體Arduino、microbit結合，並利用Ｓcratch或其他程式設計語言進行飛行器控制做出屬於自己的飛行控制器。 4. 第三年學習競速穿梭機組裝與操控，培想學生動態視覺與腦、手、眼協調能力，提升學生體感動態核心基模。 5. 讓孩子參加縣內各式各樣競賽發表作品及學習觀摩。   經費概算   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | 第一期 夢想起飛 四軸初體驗 | | | | | | | | 項次 | 項目 | 單價 | 數量 | 單位 | 總價 | 備註 | |  | 講師鐘點費 | 800 | 18 | 時 | 14,400 | 6h\*3天 | |  | 誤餐費 | 80 | 45 | 個 | 3,600 | 15人\*3天 | |  | 四軸飛機 | 1200 | 10 | 台 | 12,000 |  | |  | 教學用4軸 | 3500 | 5 | 台 | 17,500 |  | |  | 印刷費 | 50 | 20 | 份 | 1,000 |  | |  | 雜支 | 1500 | 1 | 式 | 1,500 | 活動相關雜項支出 | |  | 總計 | 50,000 | | | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | 第二期 掌控夢想 科丁我的四軸 | | | | | | | | 項次 | 項目 | 單價 | 數量 | 單位 | 總價 | 備註 | |  | 講師鐘點費 | 800 | 18 | 時 | 14,400 | 6h\*3天 | |  | 誤餐費 | 80 | 45 | 個 | 3,600 | 15人\*3天 | |  | 進階四軸飛機 | 7000 | 2 | 台 | 14,000 |  | |  | 飛行眼鏡FPV | 4000 | 4 | 組 | 16,000 |  | |  | 印刷費 | 50 | 20 | 份 | 1,000 |  | |  | 雜支 | 1500 | 1 | 式 | 1,500 | 活動相關雜項支出 | |  | 總計 | 50,000 | | | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | 第三期 夢想駕馭 競速穿梭機與我 | | | | | | | | 項次 | 項目 | 單價 | 數量 | 單位 | 總價 | 備註 | |  | 講師鐘點費 | 800 | 18 | 時 | 14,400 | 6h\*3天 | |  | 誤餐費 | 80 | 45 | 個 | 3,600 | 15人\*3天 | |  | 競速四軸飛機 | 9000 | 3 | 台 | 27,000 |  | |  | 飛行眼鏡FPV | 4000 | 1 | 組 | 4,000 |  | |  | 雜支 | 1000 | 1 | 式 | 1,000 | 活動相關雜項支出 | |  | 總計 | 50,000 | | | |  | |