**附件一、學校申請表**

**申請學校：新城國中**

**申請經費總計(107/108/109學年度)：15 萬元**

**學校聯絡人及電話：黃裕倫 0921-146896**

**申請內容簡述：**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 實施內容  成立arduino研究社團，與自然老師(姜聖華主任)協同教學。期望建立學生電子相關知能及程式設計概念，透過做中學進而培養學生主動學習的態度。   1. 第一年學習arduino 基礎知識，包含電子學與程式設計。 2. 第二年完成arduino WIFI智能小車套件。 3. 第三年完成arduino無人機套件。 4. 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   |  |  |  |  |  | | --- | --- | --- | --- | --- | | 第一年 |  |  |  |  | | 項目 | 單位 | 數量 | 單價 | 小計 | | 鐘點費 | 節 | 72 | 400 | 28800 | | arduino入門套件 | 套 | 15 | 1250 | 18750 | | 雜支 | 式 | 1 | 8700 | 2450 | | 總計 |  |  |  | 50000 | |  |  |  |  |  | |  |  |  |  |  | | 第二年 |  |  |  |  | | 項目 | 單位 | 數量 | 單價 | 小計 | | 鐘點費 | 節 | 40 | 400 | 16000 | | arduinoWIFI智能小車套件 | 套 | 22 | 1450 | 31900 | | 雜支 | 式 | 1 | 8700 | 2100 | | 總計 |  |  |  | 50000 | |  |  |  |  |  | |  |  |  |  |  | | 第三年 |  |  |  |  | | 項目 | 單位 | 數量 | 單價 | 小計 | | 鐘點費 | 節 | 40 | 400 | 16000 | | arduino無人機套件 | 套 | 14 | 2300 | 32200 | | 雜支 | 式 | 1 | 8700 | 1800 | | 總計 |  |  |  | 50000 | |