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| 「2022年桃園市市長盃無人機巡檢暨AI智慧機器人創意競賽」  教師研習實施計畫  壹、前言  一、為培養學生的科技素養，藉由透過運用科技工具及使用材料與資源，激發學生動手實作，活化資訊教育，落實STEM教育素養，特辦理「2022年桃園市市長盃無人機巡檢暨AI智慧機器人創意競賽」。本次研習協助各校教師了解創意競賽計畫相關規劃，從而鼓勵學生將科技領域學習到的相關知識與技能發揮於競賽過程中，進而促使學生透過準備與體驗無人機與智慧機器人競賽，深化機器人機構及運作原理、程式控制等技能，同時協助培養比賽選手。  貳、目的：  一、促進動力機械群與生活科技科教師合作交流。  二、增進教師專業知能，以賽促教，為指導學生競賽或專題作準備。  三、激發教師教學創意，融入教學，拓展學生對科技應用的視野。  叁、主辦單位：桃園市政府教育局  肆、研習日期：111年10月05日(三) 下午1-5點  伍、研習地點：桃園市方曙商工創發中心(桃園市龍潭區中原路一段50號)  陸、研習講師：方曙教師團隊。  柒、報名人數：以40人為限。  捌、報名方式：報名日期9月23日起至活動前3天止，一律網路報名，依先後順序錄取，額滿為止。請至全國教師在職進修網報名.  玖、注意事項：  一、參加研習教師請自備Androidc或ios手機、電腦、平板、傳輸線及室內無人機。  二、本次參賽隊伍二人以上，每隊報名每校每隊補助鐘點費2000元、每校至多申請2隊，於比賽當天領取。計畫補助40隊參加。  三、全程參與教師核予研習時數4小時。  四、本校可提供車位。  拾、聯絡單位：方曙商工  葉芳君老師      地址：桃園市龍潭中原路一段50號    電話：03-4796345 #122  拾壹、其他本計畫由校長核准後實施，修正時亦同。    無人機巡檢暨AI智慧機器人」創意競賽比賽說明研習   |  |  |  | | --- | --- | --- | | 時間 | 課程進度 | 課程大綱 | | 13:00-13:50 | 市長盃賽事說明 | 報名資格、比賽項目等項目說明 | | 14:00-14:50 | 室內無人機操控賽事說明 | 1.市內無人機操控方式體驗  2.手機APP遙控無人機行賽道關卡 | | 15:00~15:50 | AI 機器人賽事說明 | 挑戰賽體驗 | | 16:00-16:50 | 自走車循線賽事說明 | 1.機器車結構與控制  2.比賽規章 |    表單的底部  表單的頂端   |  | | --- | |  |   表單的底部  111年市長盃「無人機巡檢暨AI智慧機器人」創意競賽比賽報名表   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 學校 | | |  | | | | | | 聯絡人姓名 | | |  | | 時間 | | □上午 | | 報名日期 | | |  | | 營隊名稱 | | □無人機 □自走車 □智慧機器人 | | 聯絡電話 | | |  | | E\_mail: | | | | 參與研習學生基本資料 | | | | | 帶隊老師 | |  | | 電話 | |  | | 編號 | 班級 | 姓名 | | 性別 | 身分別 | 連絡電話 | 簽到處 | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  | |  |  |  |  |   身分別：1.一般生,2.身障生,3.原住民,4.(中)低收入戶子女,5.單親,6.其他  \*報名表請務必填寫完整，除報名外也是防疫實名制記錄。 | | |
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