

二零零九年香港學生科學比賽參賽表格
HONG KONG STUDENT SCIENCE PROJECT COMPETITION 2009 Entry Form

*此參賽表格須於二零零九年一月十九日或以前提交
 The Entry Form should be submitted on or before 19 January 2009

甲部 PART A:

參賽作品名稱 (中文) 三分王秘技研究——射籃命中率的研究

Title of Entry: (英文) An Investigation on Accuracy of Basketball Shooting

參賽作品組別 (請選擇): 初中組 (中一至中三) Junior Division (F.1 – F.3) 高中組 (中四至中七) Senior Division (F.4 – F.7)

參賽作品類別 (請選擇): 發明品 (A 類項目) Invention (Type A Project) 科學現象的調查或科學理論的應用(B 類項目) Investigation (Type B Project)

參賽作品科目 (請選擇): 物理及工程 Physics and Engineering 生物及化學 Biology and Chemistry

由於無線射頻識別(RFID)技術的應用日趨廣泛,為鼓勵學生認識及研究這項先進技術,大會將在與這項主題相關的參賽作品中,選出表現優異的隊伍,頒予獎項。

In view of the expanded application of radio-frequency identification (RFID) technology, teams are encouraged to learn and look into this advanced technology. Special awards will be given to outstanding team(s) working on project(s) with RFID related theme.

本隊的作品主題與「無線射頻識別技術」有關
 The theme of our project is related to "radio-frequency identification (RFID) technology"

參賽學生資料 Particulars of Students

每組可由二至五名學生組成,初中組:中一至中三學生,十七歲或以下(必須於1991年4月14日或以後出生),高中組:中四至中七學生,二十歲或以下(必須於1988年4月14日或以後出生)

Each team may be composed of two to five students per team. Junior Division: F.1 to F.3 students aged 17 or below (should be born on or after 14 April 1991); Senior Division: F.4 to F.7 students aged 20 or below (should be born on or after 14 April 1988)

	學生姓名 Name of Student	電郵 E-Mail	出生日期 Date of Birth	年級 Form	性別 Sex
	(中文)	(英文)			
組長 Leader:	(1) 謝雅媛	Tse Nga Wun	sspc@hkfyg.org.hk	14-4-1991	3 F
組員 Member:	(2) 鄧藹華	Tang Oi Wah	sspc@hkfyg.org.hk	29-2-1993	1 F
	(3)				
	(4)				
	(5)				

學校資料 Particulars of School

負責老師姓名: ~~博士/先生/女士/太太/小姐~~ (中文)

吳麗琴

Name of Teacher Guide: ~~Dr./Mr./Ms./Mrs./Miss~~ (英文)

Ng Lai Kam

電話 Tel.: 2561 6149 傳真 Fax.: 2565 8345 電郵 E-mail: sspc@hkfyg.org.hk

學校名稱: (中文) 青協創意中學

Name of School: (英文) HKFYG Creative Secondary School

學校地址: (中文) 九龍大角咀必發道54號地下

School Address: (英文) G/F, 54 Bedford Road, Tai Kok Tsui, Kowloon

校長姓名: ~~博士/先生/女士/太太/小姐~~ (中文)

呂慧蓮

校長簽署

呂慧蓮

Name of Principal: ~~Dr./Mr./Ms./Mrs./Miss~~ (英文)

Alice Lui

Signature of Principal:

學校蓋章
School Chop:



日期
Date: 18-1-2009

曾獲得的協助 Acknowledgement (如適用 / if applicable)

對項目提供協助或意見的人士 / 機構 Person(s) / organization(s) providing assistance / advice	所提供的協助 / 意見 Assistance / advice provided
The University of Hong Kong	Apparatus and laboratory
Ms. Yuen Wing Yee(Teacher)	Design of Experiment

所提交的作品曾否 / 會否參加其他公開比賽或作其他用途?
 Has / Will the entry been / be submitted to other competitions or used on other occasions?

有 Yes 沒有 No

如有,請提供該比賽或該場合的詳細資料:
 If yes, please provide details of the competition or occasion:

乙部 Part B:

作品簡介及資料 Brief description and related information of the entry

1. 研究目的(說明選題考慮的因素和參賽項目須解決的問題)
Aim of the Study (Reasons for choosing the topic, and specification of the problems to be solved)

This study investigates the theory and factors of the accuracy of basketball shooting. It will be a good reference for coaches who teach the players to improve their shooting skills.

2. 研究範圍(清楚界定研究範圍和列明所需的材料及工具)
Scope of the Study (Clear definition of scope, identification of materials and instruments to be used)

Find out the most favourable shooting angle and initial speed and see whether a taller person can have a better chance to hit the target.

Equipment needed: basketball, computer, data logger, motion sensor, etc.

3. 工作計劃及時間表(請列明在不同時段的工作進度)
Action Plan and Time Frame (Please show the progress of work at various stages)