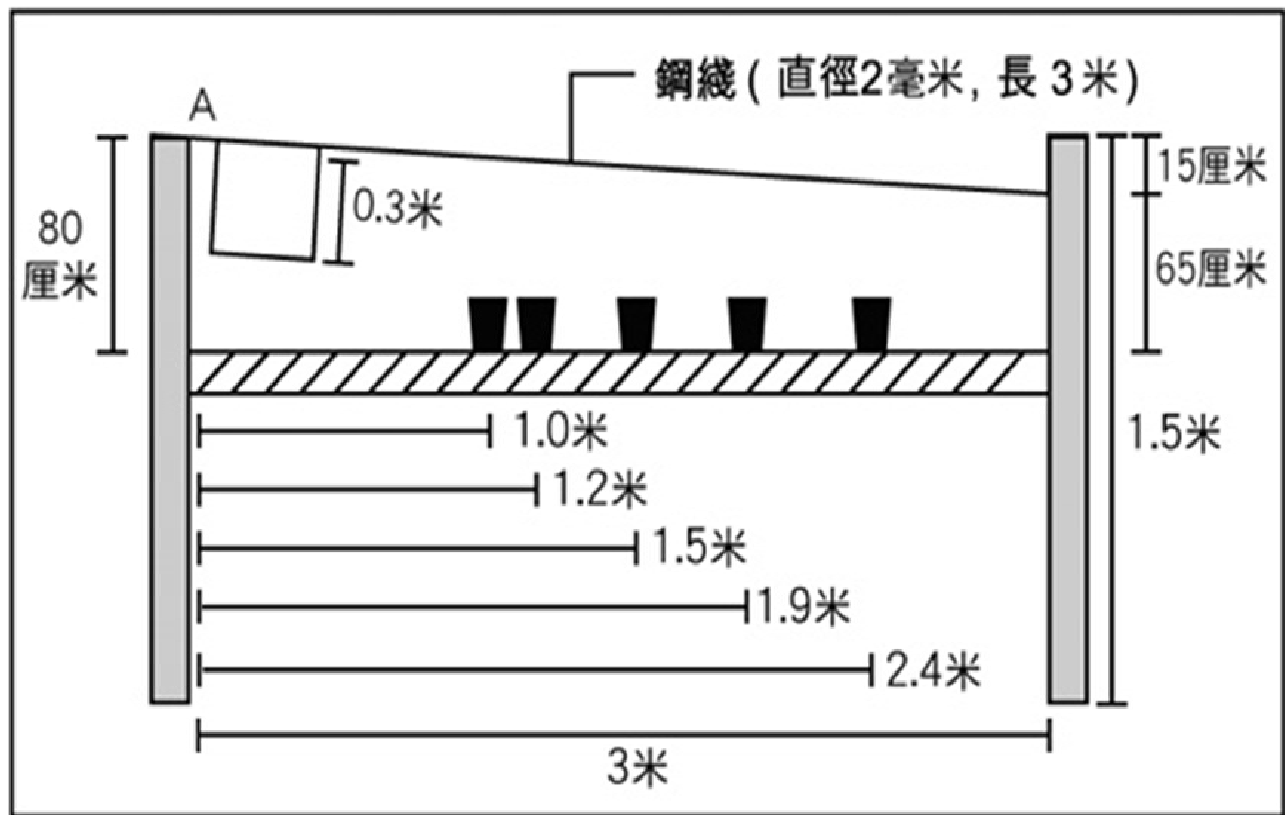


2012-13 Science Competition

Drips Down a Vine 春藤露滴

Date: 8th March, 2013 (Friday) Time: Assembly Venue: Hall



比賽圖 (不按比例)

目標: 設計並製作一組器件，於一鋼綫上運載五個乒乓球滑行並投球至五個指定目標盛接器內。

比賽規則:

1. 器件用料不限，惟不能直接採用坊間商品。
2. 器件沿鋼綫量度長度不得超過 30 厘米；盛載乒乓球處的底部與鋼綫垂直

距離不得超過 30 厘米 (D)。

3. 將器件懸掛於鋼綫(直徑 2 毫米, 長 3 米, 張力約 12 公斤)的起始區(A)內, 靜止後, 器件於鋼綫上向前滑行並將乒乓球 (直徑 4 厘米) 分別投放到五個目標盛接器內。乒乓球靜止時仍然停留在盛器內為成功投放, 並獲得該盛接器位置的分數。

4. 五個盛接器與起始點的距離分別為 1.0 米、1.2 米、1.5 米、1.9 米和 2.4 米。成功投放乒乓球在盛器內可分別取得 10 分、20 分、30 分、40 分和 50 分。

5. 比賽以成功投放盛器位置的分數總和計算, 高分者為優勝。若遇上同分, 則比較器件的總重量, 輕者為勝。

6. 比賽必須在 1 分鐘時間內完成。

器件於起始區向前滑行

7. 比賽分低年級組 (中一至中三) 和高年級組 (中四至中五) 進行。

8. 科學學會保留最終決定權。

For further information, please refer to our poster posted in your classroom. If you are interested to join, please **sign up on the application form posted in your classroom.**

The deadline of application is the 6th February. Don't hesitate to show your excellent science knowledge and superior ingenuity with us!!!

The Top 10 Science Stories of 2012

10) Daredevils Reach New Highs and Lows

--》 Explore both the Earth's stratosphere and its deepest undersea trench 海溝

9) Starvation Diet Fails to Boost Longevity

--》 a significant reduction in caloric intake does not extend primates' life spans.

8) Bold, Private Efforts Step into Roles Vacated by NASA

--》Space shuttle *Endeavour* was towed for the final leg of its journey to its final resting place at the California Science Center

7) Pandemic Avian Flu Genes Made Public

--》 A lab-made virus should be made public or locked away?

6) Record Meltdown of Arctic Sea Ice

--》 the extent of ice covering the Arctic Ocean reached an all-time low

5) “Obamacare” (Mostly) Upheld by Supreme Court

--》 The sweeping health care reforms passed in US

4) Publication of the ENCODE Encyclopedia: A Milestone in Genome

--》 the sequence of all the nucleotides in the human DNA can be transcribed into RNA and in which types of cells

3) NASA's Curiosity Rover Lands on Mars

--》 NASA's Curiosity rover landed safely on MARs

2) The Higgs Boson Is Detected

-》 Physicists Find Elusive Particle Seen as Key to Universe

1) Sandy Devastates the U.S. Northeastern Coast

--》 Hurricane Sandy churned up the U.S. east coast this fall, which devastated inland communities with torrential rains.

科普講座

科普講座名稱	日期	時間	地點	講員
食物安全五要點	2月2日 (六)	2:30 - 3:30pm	香港科學館 演講廳	何國偉先生(食物環境衛生署科學主任)
再造水	2月2日 (六)	3:30 - 4:30 pm	香港科學館 演講廳	湯受傑先生(渠務署高級工程師)
馳騁太虛	2月19日 (二)	7:00 - 8:00 pm	香港太空館 天象廳	吳國偉先生(香港太空館助理館長)

Time to Relax!

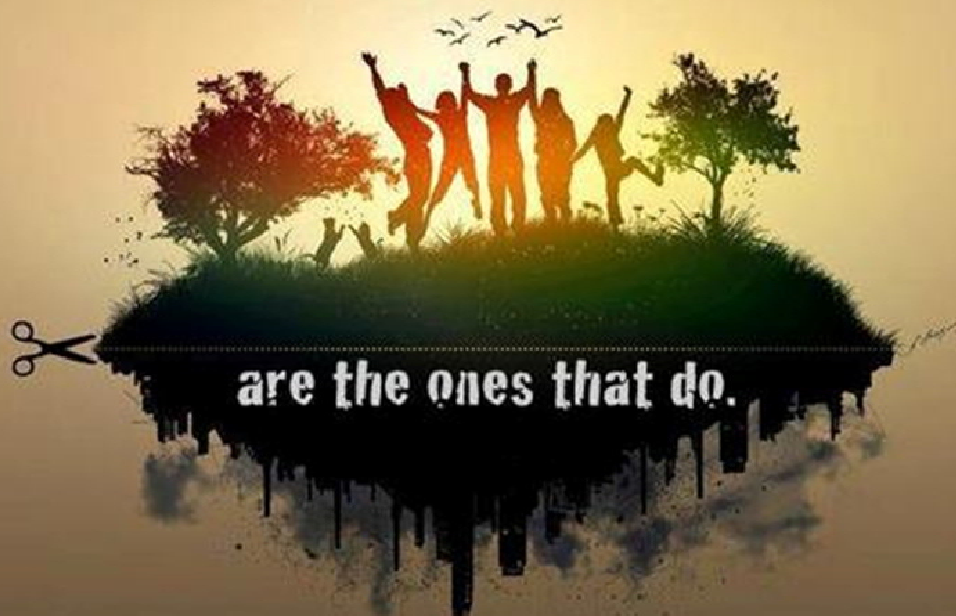
What are YOU waiting for? Please don't hesitate to show your gifted science talents with us! Please sign up on the application form posted in your classroom before 6th February!

5			3				6	
	1		8					
		8			7			9
9		2					1	
3			7		8			2
	7					3		4
7			2			1		
					6		3	
	2				9			5

Previous Sudoku Answer:

5	1	9	6	2	8	7	4	3
8	4	2	3	1	7	9	5	6
3	7	6	4	9	5	2	8	1
4	6	3	8	7	9	1	2	5
2	9	8	1	5	4	6	3	7
1	5	7	2	6	3	8	9	4
7	3	4	9	8	1	5	6	2
9	2	1	5	3	6	4	7	8
6	8	5	7	4	2	3	1	9

The ones who are crazy enough to think they can change the world



Sustainable www.sustainable.org

SCIENCE SOCIETY 2012-13

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COMMITTEE MEMBER: LEE KA CHUN 李嘉進 3D CHIU CHUN HUNG 趙晉鴻 3E

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