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How I CREATE
my Dimension

創造·我·空間

趣「智」數學

1M 陳逸承

你們有想過學習數學有什麼好處嗎？數學是要動腦去尋找答案，因此多學數學可以提升我們的邏輯思考、推理等等的能力。有些人認為數學是不易掌握的，因為有時要做多重的步驟，才能計算出題目的答案。

試想想數學與日常生活有什麼關係？其實數學融入在買樓、購物甚至乘車當中。在我們買樓時，單位的面積、實用面積以致租金都是與數學有關的。當我們要買東西時，計算總和以及折扣率也要運用數學，學好數學後，我們便能夠與另一間百貨公司格價，令我們變得精打細算！數學與生活息息相關，如果可以掌握到技巧，便可更有智慧地生活。

那麼，學數學有什麼方法呢？我們可以每天做一個練習，以提升自己數學的能力。在做任何困難的題目中，基礎是最重要的，那怕是一加一般如此簡單的題目。當我們學好數學，打好基礎後，我們便可以學奧數(全名為奧林匹克數學)，奧數就是比普通的題目更多變，更困難的數學問題，奧數不單可以訓練我們的思維，還可以鍛鍊腦筋的靈活。

但是，學數學並非只是背公式背得滾瓜爛熟，反之要多思考多嘗試，從中找出解題的技巧，而不是遇到困難的問題，就輕易放棄。我們要運用所學到的基礎，慢慢融會貫通在不同類型的數學題目中，有時我們大膽的假設可能正正是答案呢！雖然背公式也是學數學的方法之一，但當不小心背錯了，整條題目都已經答錯了，還是多思考最重要。

總結，學數學需要把知識融會貫通，要完全地了解問題，而不是一知半解地硬背公式。我們作答問題時，要作出以下步驟：

- 1、了解問題
- 2、聯想解題方法
- 3、嘗試解題及實踐
- 4、驗算並寫出解題方法

最後，我們學數學不可以急於求成，要多嘗試，多思考，多發問，就能找到學數學的樂趣！

周恩健老師評語：

這篇文章詳述了學習數學的好處，數學與日常生活的關係，更重要的是怎樣學好數學。文章的末段更列出了解決數學難題的四大步驟，這對初中學生學好數學提供了一個很重要的參考價值。

世界末日的第二天

1S 伍倬鋒

我突然驚醒，發現自己身處在一條漆黑的走廊，四周漆黑一片，甚麼都沒有。我絞盡腦汁也記不起我經歷了甚麼和為甚麼會在這個地方。我用盡了全身的氣力叫，但我聽不到任何聲音，甚至連自己的腳步聲也消失了。我感覺到只有空虛和絕望。我甚至覺得自己的血也停止了，世界只有黑暗。突然有人說：「別放棄，只要你堅持下去，你一定可以走出黑暗。」這句話給我很大的安慰和關心。霎時間，我覺得全身充滿了氣力，我也看得到光明，我用盡氣力跑向出口，我終於返回了現實世界。

我醒來時發現自己正躺在一間醫療中心，頭痛得就像爆開了一樣，剛才在我腦海中的生死大戰已深深烙印在我心裏，我一輩子也不會忘記。我張望四周，發現只有寥寥數人，他們都是和我一樣奇蹟般逃離死神的魔掌。但我在這兒感覺不到一絲快樂，大家都目無表情，像一個死人一樣。

我決定出去走一走，突然一個女醫生擋住了我的去路，她一言不發地給了我一件笨重的外衣和一個像太空人頭盔的東西。我正想問她為甚麼要穿這些東西，她彷彿看得出我的心思一樣，然後用低沉得令人毛骨悚然的聲音說：「你待會出去看看，就會知道發生甚麼事了。」我推開大門，以為可以看見和平和生氣勃勃的景象，但我看到的景象令我徹徹底底崩潰了。我寧可自己的

雙眼睛瞎了，看不到東西。不幸地我看見滿目瘡痍，地上滿佈的不是綠草，而是一具具面露驚慌的屍體，我走近每一具屍體，為他們默默地祈禱。我走近最後一具屍體，發現他還沒有死去，他突然緊緊地捉住了我的手，用微弱的聲音說：「孩子，你拿這個東西去拯救我們的地球吧！」他說完了這句話，便氣絕身亡了。我跑回室內，把這個東西拿給所有人看，有一位年齡較長的人說：「這是回復結晶，可以把所有東西回復基本狀況。」大家都頓然展開了燦爛的笑容，這是我一生中第一次聽到最發自內心的笑聲，我感覺氣溫暖和了很多。我發現還有一封信，信是這樣寫的：

致任何人：

假如有任何人看見了這封信，相信地球已經發生一場非常可怕的災禍。這封信主要想告訴大家兩個消息。經過我多年的研究，發現令地球滅亡的災禍不是天然，而是人為的，真正原因是核彈爆炸，自然災禍只是他們的藉口。我相信你們已找到回復結晶，你只要將它打碎，它便會發揮功能。不過，你們要有心理準備，因為回復是指返回地球誕生的那一刻，人類全都會返回最初階段。

祝：大家好運

無名者

我看完這封信後，本來的喜悅已轉為一陣憤怒。我心想：為什麼人類發明的東西不是造福人類，而是帶來可怕的災禍？科技究竟是好，還是壞呢？這條問題看上去很簡單，但是最偉大的人也不可能真正回答這條問題。我決定孤注一擲，我自己也很驚奇我能發出這麼大的聲音，我喊道：「各位，我們是地球所生的，但是我們卻

破壞了她，現在我們要令她康復，雖然，我們這些事跡，沒有人相信，但我們一定會永遠記住的。」我聽見一陣玻璃碎裂的聲音，然後白光一閃，我們全被吸去不知那兒去了。突然，我聽到一陣非常洪亮的聲音叫我：「起床了，伍偉鋒，不是的話，上學便會遲到了。」所有東西已回復正常了。我這個難忘的歷險到此完結。

2M 吳凱汶評語：

把自己的感覺描寫得十分仔細，用詞豐富。
用自己的夢境帶出末日後的反思、人類沒有妥善運用科技的問題，的確發人深省。

生活在高科技時代

3S 鍾灝廉

生活在現今的世界上，日常生活都離不開高科技。我們正愛生活在高科技時代。

高科技如電子計算器、電腦、平版電腦等等，幫助人類建造未來的社會。高科技促進人與人的溝通，加快工作效率。飛機是一個很好的例子，可以縮短時間距離，加速文化交流。

可是，高科技卻令人類失去很多事物、自由以及扭曲價值觀。例如我們的大自然、我們的獨立思考、我們的心靈被他困著。

高科技拿去了我們的大自然。高科技利用人類除去大自然，為自己建造巨大的高樓大廈。現在我們麻木的拿取天然資源，石油、煤、天然氣，不同的金屬都從地下的資源庫拿出來了。高科技改變了大自然的運行，秋天來的日子越來越晚，強颱風越來越多，還有全球暖化及很多反常的天氣。可以說人類、動物和大自然的關係從此不再一樣了。

高科技拿去了我們的價值觀。高科技誘使

我們麻木的追隨，令人們失去了懷疑的能力、批判的能力、懷疑的能力。聽說讀書可以令一個人明白一些道理。可是，高科技令人們失去了自己的意志及思考，完全依賴它。高科技，令人跌倒。他引人們進入利益的陷阱，人們就打著高科技的旗幟引一些無知的普羅大眾入「神棍的五指山」，騙取錢財。高科技令我們的雙眼麻木了，不能看清現實。例如有人說買一塊石頭就能夠舒緩自己的脈絡、肌肉，因這石頭是高科技產品。「高科技」三個字便抵過了一切的不合理。

高科技取去了我們的自由。高科技令我們不能夠離開電腦、電話、電視機。我們沒有能力決定自己的意志，當我要讀書時，電腦卻要和他玩。我們越來越少機會親近大自然，反而高科技卻佔領了我們的心。我們是囚犯，被高科技捆綁。

我們真的只想陶醉在這個高科技的世界，而甘願失去大自然、價值觀甚至自由嗎？

3S 鍾灝廉家長評語：

深入觀察，對生活周遭的事物進行反思，描繪人們常犯的毛病，如過份偏執依賴或盲目崇拜，給讀者一個提醒，一個重新思考的機會。

井外，井內

4N 吳昕瑜

「很久以前，有一隻青蛙跳進了一口井裏。在裏面，牠遇上了一隻自小就從未離開過井底的青蛙。井底的青蛙嘲笑從外來的青蛙，不相信牠的天是廣大無邊，周圍腳上踏的會是乾爽、柔軟、色彩繽紛的土地。外來的青蛙卻反過來嘲諷牠，那是因為牠從來未看過，沒體驗過而已，牠不該就因為習慣井底的一切，就拒絕了解外面的一切。」

井底的青蛙到最後有沒有跳出那口熟悉的井呢？從沒有人給我答案。小時候我認為青蛙是一定會跳出去的，畢竟已經一個人對着一成不變的井底世界這麼久了，不膩嗎？不寂寞嗎？

孩子的心思總是純粹、天真的，想要就要，要走就走，哪有想要不能要，想走卻不能走的理由？

還是孩子的時候，總認為一切都是理所當然的，爺爺會無聲地陪我看電視，奶奶會在廚房忙碌，爸媽會準時八點鐘到奶奶家一家人吃飯，然後帶我回家。日復日，曾經我天真的以為，這

一切會一直持續下去，一直當最小最被關愛的一個。可是爺爺的逝世、堂妹表弟的出世、與朋友的幾次吵架、母親越來越晚回家、父親索性不回家，慢慢的，我的世界變了。每每當我發現一些無法挽回的改變，我都會開始羨慕那住在井底的青蛙，除卻那圓圓狹窄的天空，牠的周圍從來都是一成不變，雖然一成不變總會使人有膩了的感覺，但周圍的熟悉感卻可以使人安心。

現在的我已經不敢斷言青蛙一定會出井一不，應該說我不敢斷言的是牠出井的那一剎那，是否真的一如當初所懷着的好奇、期待的心情。外面世界固然吸引，但一旦想到過去習慣的一切都將面目全非，對未來的恐懼，我很懷疑牠真的是否有勇氣離開井邊。

如今我就好像井底的青蛙一樣，不想離開充滿眷戀的過去，可也同時恐懼又憧憬着未知的未來。跨出一步，也許一切都不同，我卻沒有勇氣去面對未知的代價。

4N 吳昕瑜家長評語：

吳同學的文章以井底之蛙的故事入題，取材看似普通，卻能翻出新奇，從井底之蛙聯繫到自身，竟發現自己如同小青蛙一樣，眷戀著周遭熟悉的生活，卻沒有勇氣跨出井外，面對未知的未來。常言道：文章是人們內心真實的反映，不知道「井外，井內」這篇文章，又可會是吳同學內心的寫照？

儲蓄時間

5M 鄺海妍

時間的定義可以由週而復始的事件規範，比如說地球每自轉一週叫「一天」，月球公轉一週叫「一個月」。根據前人的經驗，每一天或每一個月的長度也不穩定，會隨季節而變化。既然時間這麼奇妙，我們又能否把時間存起，慢慢欣賞呢？

時間儲不來、買不回，所以我們要懂得運用時間。有人說：「一串光陰一串金，串金難買串光陰。」的確，人可以用時間換取金錢，卻無法用金錢買時間。時間不能儲蓄。這是世界上最公平又最冷酷的一個事實。這顯明上天的旨意是要我們凡人每天每時都要愛惜時間，好好的運用時間，因為時間是追不回來的。善用時間的人，時間雖會過去，成果卻可以留住。所以一個人成材不成材，主要就是決定於他對時間的應用。

時間不會等人，我們無法叫停時間。我們常說：「等一等！」，可惜時間沒有耳朵，它永遠聽不見人們對它的呼求。無論你是在它前面對他

說：「請你停一停，等一等！」或在它後面喊著說：「請回來！請回來！」它都聽不見。許多人恨時間無情，但實際上是人先對時間無情，它在時不好好珍惜，走後才恨它的無情。

其實好好善用時間就是儲蓄時間。當你好好運用時間，例如：專心上課，下課後認真做功課，考試前分配好時間溫習，不就代表你能節省了苦苦思索不得其解的時間嗎？所以現在的努力其實是為將來儲蓄時間。

但相反，不專心上課，下課不認真做功課，你便要多花一倍時間來回答問題，因為你不但要查字典，還要查教科書，大大浪費不必要的時間。

時間一去不復返，一但浪費了時間，便要用雙倍時間追回；但若能善用時間，你便能儲蓄時間。

5M 鄺海妍家長評語：

絕對認同。時間確實是「儲不來、買不回」，所以在成長的過程中，學會善用時間才能真正的儲蓄時間。

站在高處

5M 蘇穎麟

「乘彼塉垣，以望復關」，有的人爲了見到遠方的戀人而登高；「登高而招，臂非加長也，而見者遠」，有的人爲了讓遠方的親人看到而登高；「會當凌絕頂，一覽眾山小」，有的人爲了體驗「山高我爲峰」的感覺而登高。

站在高處，有的人會傷心欲淚，如陳子昂：「前不見古人，後不見來者。念天地之悠悠，獨愴然而涕下」；有的人會心胸開闊，如杜牧：「塵世難逢開口笑，菊花須插滿頭歸。但將酩酊酬佳節，不用登臨恨落暉」；有的人會豪情萬丈，如毛澤東：「司上九天攬月，可下五洋捉鯨，談笑凱歌還」；有的人還會感受到「高處不勝寒」而有孤寂落寞之感；有的人則會顧念低處需要愛心澆灌的大地。

而當我站在高處，我會想起古時的君子好漢，他們在古時是否也看著我在山頂所看到的自然風景，而同時擔憂國家？如果我也擔憂著誰的事，我是否也算是君子呢？

站在高處，往往令人感到寂寞，但又能以不同的角度看世界。例如站在一座小山上，可看到

小城市的全貌，也可以看到街上的熱鬧，更可以看到人類今天的科技水平。古時的君子及歷代皇帝是會盼望著這時代的來臨嗎？

站在高處，我不禁會想，我是君子嗎？在論語中，有一句「子曰：『君子不憂不懼。』」，曰：『不憂不懼，斯謂之君子已乎？』子曰：『內省不疚，夫何憂何懼？』」，我自我反省時也不內疚，想必我也算是君子吧？但孔子又說：「君子喻於義，小人喻於利。」，我長大後會工作賺錢，會「喻於利」而不是當義工，那我是君子還是小人？我是否值得站在高處？

站在高處也可以算是一種驕傲，每當站在高處，下面的人也要抬高望著你，這可以說是一股成就感吧。而我的夢想就是作爲一名「現代君子」，替世人擔憂，替世人工作，做一名偉人，「先天下之憂而憂，後天下之樂而樂」。想到這，已到了黃昏的時間，絢麗的彩雲，金黃色的太陽，我不禁把所有煩惱都忘了，拿起相機把夕陽拍下來。

5M 蘇穎麟家長評語：

在整篇文章中，我覺得最令我喜悅的不是文筆，也不是分析他自己是不是君子，而是他的夢想：「替世人擔憂、替世人工作」。兒子擁有一顆正直的心、一顆謙卑的心、一顆服侍的心，就是作爲父母最感安慰的喜樂。

我勸天公重抖擻

5V 鄧麗彤

天公啊！天公啊！是你創造了世間萬物；是你賜給我們智慧；是你編了我們的命運，但為何，為何你親眼見到我們歷盡災難，社會動蕩、骨肉分離、疾病威脅，也可無動於衷？每天都有成千上萬的信徒祈求天公，你，可造美，但你卻狠心地把我們放棄，遺下，剩下我們面對黑暗，連一絲光芒也不願再送。

心，傷透了，也明白了。不可再依賴天公；不可再要求天公振作來滿足我們的一己私慾；相反，是要勸我們一人類，重新站起來，把這個烏煙瘴氣的世界改變，變成一個令天公對我們重拾信心的美好世界。

出自龔自珍的《己亥雜詩》道：「九州生氣恃風雷，萬馬齊瘖究可哀。我勸天公重抖擻，不拘一格降人才。」這詩是說中國要有蓬勃朝氣，便須巨大的改革，可惜的是，社會一片死氣沉沉的局面令人可悲。作者於是勸「天公」重振作，不要墨守成規來選用人才。各位，詩中的「天公」不是老天爺，而是改革的仁人志士，勸他們繼續振奮，不要放棄。因此，要改變命運的，要靠的是自己，像「守株待兔」這樣光等奇蹟，只會徒勞無功。

在辛亥年間，清朝的帝制可謂腐敗不堪，民不聊生，加上外族入侵，中國經歷了它最黑暗的時代。那時，那些自稱有神力的「義和團」可打敗外族，說他們有天公庇佑，怎料，卻只是個欺人軍團，他們藉此而欺壓手無寸鐵的百姓。正當

絕望之際，那些改革的仁人志士便振作起來，不論他們經歷過第一次廣州起義的失敗，還是被朝廷通緝和迫害，甚至革命黨主領之一孫中山先生到臨死時，也要高呼「革命尚未成功，同志還需努力」的口號。最後，經過長年的努力，帝制終於取消，為以後的革命發展開闢了道路。

由此可見，路，是由人走出來的。儘管跌倒了，也要站起來，繼續走下去，方可成功。要不是靠著那些改革的同志們，中國還會像現在一樣強盛、繁榮嗎？

相信大家都不會忘記近期的日本311九級大地震吧！那次九級的大地震，震碎了無數家園的根，摧毀了整座城市的光，奪走了多條珍貴的人命。它把日本的歡笑全沒收，留下的只有廢墟和眼淚。當全世界人也痛哭時，並沒有置日本於不理，世界各地紛紛舉行慈善晚宴，一次又一次為日本籌得鉅款，幫他們振作。另外，中美也紛紛派出救援隊到日本，救出一條又一條的人命，至於平凡的大眾，就到日本當義工和摺紙鶴送上無限的祝福。

此事帶出只要世人重抖擻，必定能人定勝天的道理，把笑聲從天公那處拿回。透過發揮人性的光芒，團結一致，要重拾那個美好的世界又有何難？

再舉一例，索馬里超模一迪里。在八歲時已被強行割掉陰蒂的一部份，13歲被半賣半送嫁人，但迪里不甘為五隻駱駝嫁給65歲的老頭，便

決定站起來，走出自己的人生路。她由清潔女工做到女模，也沒有因此忘記過去的痛苦，反而投入反割禮運動，成立慈善團體，喚起世界對索馬里女童的關注。

透過此事，說明人是要靠自己振作，不是怨天尤人，靠自己的力量鼓勵別人，令自己走上最光明的道路，為自己美好的明天出一分力，改寫自己的命運。

我國的國歌提到「起來！起來！起來！我們萬眾一心，冒着敵人的炮火，前進、前進、前進

進！」這激盪人心的歌詞都叫我們要振作，要堅持，要團結，走出那戰爭頻生的時代，走出那暴亂的時代，才能令世界不斷進步。

人的命運一直都是掌握在自己的手裏，為自己不斷鋪路，才可達致成功。與其時時刻刻也抱着「人算不如天算」的心態，那麼世界便要從此甘心接受每個悲慘的結局，世人，你甘心嗎？一定不，因此，各位，我在此勸世人重抖擻，卻不是再怨天尤人了。

江靜宜老師評語：

從國家到個人，從古代到現代，皆能列舉事例，充分論證人的命運是掌握在自己手中，只有自己振作和努力，才能達至成功。

How Can I Become the Big Winner of 6Nimmt?

1M Hau Pak Chuen



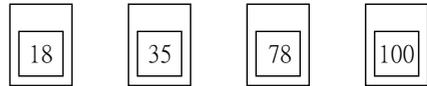
Each of the cattle head costs -1 mark.

I would like to share with you my knowledge about the card game, 6nimmt.

This game was designed by Wolfgang Kramer in 1994. The rules of this game are very simple. Each of the cattle head on a card costs -1 mark. For each turn, each player needs to pick a card and turn it upside down. When all the players pick their cards, they uncover their cards at the same time and continue the row (the first card of each row of the first round are placed on the table) according to the number of their cards in ascending order. And each player needs to continue the row by following the nearest card that is smaller than the card given out. When there are five cards on the same row, the player who places the sixth card on that row, will need to take all the cards on that row and place the sixth card as the first card. Also, if the card is too small that it's not enough to continue any row, the player needs to take one of the rows he likes.

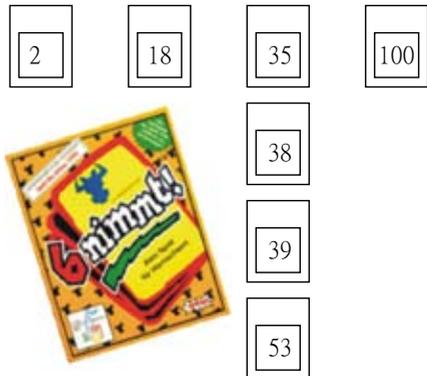
I would like to share some strategies to play this game, but it's hard to say without the game, so let's start our game now.

1st turn



These are the cards on the table when the game starts. If you have a lot of cards that are large in number, then give out any card that you like. But if you don't have any or only a few cards that are large in number, then use the card that is the smallest card (below 18 in this case) in your hand, so you can replace 78. This would allow you to give away cards easier after this turn.

2nd turn



2nd last turn

23	55	67	99
40	66	79	102
75	77	85	103
95	88		104

Now, after the first step, the players who only get the small cards can give out their cards easily. But in this turn, try to avoid giving out the cards between 60-100 because others will also give out the card between this range easily. If you are so unlucky, your card is likely arger than other players'. You need to collect the whole row of cards.

In the second last turn, there may be no one having the card that is big enough to continue the row. At this moment, what you should do is to give out the largest card on your hand in the hope that your card is the biggest and the others will take away a row for you. Although you may need to take away the card at the last turn, the cattle heads collected will become fewer than taking the cards now.

What are you waiting for? Let's start 6nimmt now and find out more ways to play this game. Then share with your friends. No 6nimmit at home? Go to <http://www.onlinebrettspiele.addunderliaede/6nimmt/?l=en> and play 6nimmit online.



Feedback from Mr. Lee Kai Wai:

This is a very good sharing about the 6nimmt card game. Pak Chuen shared the tactics to win the game. He also suggested the online version so that the reader could try the game right after reading it. Thanks for your sharing.

If I Were the CEO of Hong Kong, I Would ...

1M Ma Tsz Kiu

These days, the election of Hong Kong chief executive is very popular. All the people are discussing the requirements of their ideal candidates, Tang Ying-yin, Leung Chun-ying and Ho Chun-yan. Hong Kong citizens are considering about their policies while some demonstrate against Tang Ying-yin that his house isn't legal. If I were the CEO of Hong Kong, I would consider Hong Kong citizens and wouldn't do any illegal things. Also, I would carry out some policies for teenagers.

First of all, I would stipulate Hong Kong students, especially Primary and Secondary school students to do enough exercise or sports every day. Students studying nowadays are very busy and stay up late every night. They don't do any exercise and become fat. Doing exercise and sports are very important. This gives you more energy and helps you think more clearly. You can get stronger too. After carrying out this policy, Hong Kong schools should make sure every student does exercise at the school every morning.

In addition, I would increase university places because only a few students can go to university successfully. Increasing the number of places allows more students to study in the university. Besides, increasing the places trains up local elites. It's good for Hong Kong's development.

In the end, I would propose more interpersonal activities. Nowadays, a lot of people including students always use the Internet. They talk about their feelings, feedback or share their photos and videos on this kind of social networking sites. They also chat with friends in the internet, but they don't go out. This will affect their interpersonal relationship and their communication skills. The proposal of more interpersonal activities can improve their interpersonal skills.

If I were the Chief Executive of Hong Kong, I would carry out these three policies for teenagers, maybe these policies can help the teenagers.

Feedback from Ms. Tang Sheung Yin:

Christy has a broadened mind to look at the society from different perspectives. She understands that the physical fitness, personal growth and education are important to teenagers. If she were the CEO of Hong Kong, I wish she could carry out those policies mentioned.

Eyes on the Floor (The Monster!?)

1S Chu Sing Ip

When Harry woke up, he didn't know where he was. Everything was so strange. Then he remembered – he was at his grandparents' house. His family was having a holiday at their house near the sea.

Harry felt so thirsty. He really needed a glass of drink. He was just about to get out of his bed to get some juice or water when he saw the eyes on the floor! They were big, round and yellow. They had two slits in the middle and they were looking straight at Harry and were full of resentment. They seemed to glow in the moonlight.

“Who? A big monster! It must be! God, can anybody save me?” Harry was so scared. He was too frightened to call out for his mother or father. He pulled the blankets right up to his nose. He watched the monster's eyes as they started to come closer...

The eyes moved slowly. They rocked gently from side to side, acting like a snake. “It must be a giant snake! OMG!” thought Harry. “Would I be eaten? Please, somebody please come and save me!”

The monster was very close to Harry now. Harry could hear it. It made a funny, faint sort of rumbling sound. Harry opened his mouth to scream and the monster leaped. Its yellow eyes flew through the air, the monster jumped towards Harry with a thud...

“Oh.....” his grandparents' fluffy black cat, Lisa, landed on the bed. It licked Harry's face and purred happily. “Lisa, you little monster!” Harry exclaimed and laughed. He forgot that he needed to take a glass of drink.

Feedback from Ms. Wong Hiu Ling:

An excellent way of building up tension for your story! I would also be scared if I were Harry! Luckily, it was just a cat.

Origins of a Pig

3M Iuu Cheuk Yu

Once upon a time, there was an animal with a very fat body and four legs. It had a tail and a big nose. It loved eating a lot. Yes, it was a pig.

Pigs were very smart! They admired human beings the most because they could walk on four legs and they could make fire and wear clothes! “We pigs are just as smart as the human beings! The only thing holding us back from being the king of all animals is our physical appearance!” thought the pigs. Therefore it became the pigs’ wishes to become a human being.

One day, a travelling witch went pass the forest. She stayed there for a short period of time. Rumors about the witch spread through the forest like a fire! Witch Linda was capable of making any animal’s wish come true. But of course there has to be a fair trade and the animal must offer something of equal value to the witch. What the witch wanted was unknown and changed all the time. The only thing that did not change was the fact that the animals who had their dreams made true all suffered a terrible fate.

All living creatures felt that they would take a chance. Tom was no different. Tom was a young pig who loved to dream. He always thought of the things he could do if he were to be a human

being. Finally, despite his friends’ warning, he went to the witch.

The witch smiled a crooked cold grin showing her shark teeth. Her grey face suited the dark gloomy forest very much. All animals were terrified of her. When the witch walked pass, the animals could feel danger coming from her. This was why no animal went to her to attain their wish. Tom was not afraid. When you want something so desperately, you forget everything. You forget fear.

The witch looked out her window and thought deeply. “I want your family, I want you friendship,” she finally decided. Tom was taken aback. “Is that it?” he thought. He thought that with the power he had, he would be able to rule the forest. Why would he need friends and family then? He nodded.

The next time he looked at himself at the pool was a fat little boy. He started going around gathering wood to make fire. He invited animals to join him so he could create his own empire. However the animals were too scared to even to listen to him. The animals had fear in their eyes, the same fear they had when they saw the witch. “The witch” on the other hand now was not a witch in the animals’ eyes anymore. She has become a friend. They talked and laughed

with her.

Tom regretted his decision. He begged the witch to give him back his friends and family even if it means that he has to become a pig again. The witch pondered again. It has been a long time since she had been so happy. Still, she felt a bit bad for the pig so she did not want to say “no”

to the pig. “I want your clever brain,” the witch finally announced. She was expecting the pig to say no. “No problem,” Tom said. So the witch took Tom’s clever brain.

Till today, pigs are still known to be stupid.

Feedback from IM Hau Pak Chuen:

This is a good story about a pig. Maybe this is the best example to explain why we always think that pigs are stupid animals. We shouldn’t give up our most precious things in order to get the things that we want.

How Do I Perceive Science?

4J Au Hon Yan Vanessa

To me, science is an intriguing subject that can explain a number of phenomena in our everyday lives. One of the most interesting points is that knowledge is tentative and can be challenged when new evidence arises. I believe that this is the major reason why so many scientists are enchanted by the nature of science and keep exploring.

When I was little, I always heard adults talking about the principle of lever. Actually, if we can bear this principle in mind, we can always become more effort-saving in our daily lives. For instance, if we want to move a heavy rock, we should use a longer stick to help move it instead of using our bare hands.

Some classmates like playing the ride, Abyss Turbo Drop, in the amusement park. They deem that the freefall experience is exciting. Some may believe that this is caused by gravity. In fact, this happens since there is no reaction force to act on them and give them support so they feel they are weightless.

Another case that can demonstrate the theory of science is that the number of passengers in a vehicle is restricted. An example is that a taxi should not carry more than four or five persons in it as increasing the mass makes its inertia become larger. When a taxi travelling at high speed stops suddenly, the possibility of the passengers getting hurt is higher. Therefore, overloading is dangerous.

I once asked myself why Eskimos can keep warm inside an igloo which is made of chilly ice, and I finally understood that ice and snow are poor conductors of heat since the air pockets trapped in it make it an insulator. Outside, temperatures may be as low as -45°C , but the inside temperature maybe -7°C only when warmed by body heat alone.

After all, if we observe every day carefully, it is quite easy for us to discover that science has integrated into our daily lives. No matter whether you are studying science or not, I truly believe that it can amaze you in different ways!

Feedback from Mr. Wong Hon Chi:

Science is not just a subject, but a way to explain the relationship among different matters in the world. It is nice to see Vanessa giving us a few good examples to show how Science can broaden our understanding of the world. I hope that this article may inspire you to see the world in a scientific way.

A Peculiar Encounter

6J Tsang Hau Sim

Last Saturday was the most unforgettable and thrilling day in my life. It all began with a kind invitation in the country park from my cousin, Peter. Generally, I was not an outgoing person and was, in fact, rather introverted. Yet, I reckoned the trip to a country park might be refreshing and good enough to pass time on a boring weekend.

I met Peter and several of his buddies at the bus stop and together, we travelled to the country park. It was a long journey but everyone seemed to enjoy the joyous talking and discussion. None of us was really aware of the catastrophe waiting ahead of us.

The country park was situated at the far end of town, near the enormous mountains. It was a pleasant, sunny day and once we arrived, we scurried to the park with much enthusiasm. Two lines of trees stretched neatly across the road in the park and the place was filled with stunning, colourful flowerbeds as well as breathtaking sceneries. However, there was one thing that made us all feel queer – the emptiness of the park. We had been walking and sightseeing for about 15 minutes before we began to notice something odd. This magnificent place was vacant except for our presence. There was not a single other visitor nor was there a sound. As the sun shone directly on the trees and bushes,

the park looked more like a deadly silent woods than a tourist spot.

“This is weird,” Peter scowled as his eyes scanned through the green land. “If the park is closed, there should be a sign put on the gate. Yet, when we came in, the gate was wide open, wasn’t it?” We all nodded to agree. Within seconds, numerous crazy and foolish thoughts popped up in our minds.

“Perhaps someone is playing a prank on us and we are actually being filmed on live shows!” Mary exclaimed. “Maybe this is a surprise for my birthday! Every now and then, someone is going to leap out and give me a big gift,” Mary’s sister grinned. “Get real, your birthday has passed a month already,” Peter pointed out, annoyed.

We decided to walk back to the gate and leave the park. Just then, something unusual happened. Mary suddenly shrieked and we all turned to flare in the direction she pointed. To our astonishment, hiding behind the dense bushes stood a gigantic object. In the distance, we could see the object had a silvery surface as it flittered like diamond. It did not take us long to realize the object was made of metal and was dashing towards us at high speed. We all screamed in terror and ran for our lives. I

was beginning to think this was a horrendous nightmare when I witnessed, a dish-like plane, as called the UFO, chasing me. In a fleeting moment, we were enveloped by darkness and soon, we succumbed to dizziness.

When we regained our consciousness again, we were captured in a gloomy room. On knowing we were awake, our kidnapper walked in to greet us. It was probably an unknown creature of one meter tall, with big ears and silvery skin. Before we could all scream, the alien shushed us, “Children, I will let you go if you can answer me something.” The alien claimed with his husky voice. He then held out a picture showing a striking yellow flower. “I found this beautiful thing in your country park and

developed a frenzy of it. Would anyone of you kindly tell me what this is called?” we all stared at the picture and grasped. Could this be real? An alien was asking us questions! We pondered hard for a moment. Just when we thought we would not survive, Peter shouted out an answer. The alien first glanced at us and slowly, a smile spread across its mouth. “Thank you!” It said gratefully and once again we were surrounded by darkness.

We landed on the park safe, as the alien had promised. As the engine of the UFO started and the silvery dish began to fly off, I asked, “How did you know the answer?” Peter just shrugged and laughed, “I just blurt out something randomly!”

Feedback from IS Rahman Safaq Anse:

What an interesting story! Wendy, I like your imagination towards the UFO. Nowadays, people are very curious about aliens. It would be amazing if this story comes to real life. It is very creative.

A Plea for Improvement

7V Chan Chung Ho

Dear Principal,

I am writing to propose three changes to improve the quality of education in the school.

Last year, a vast amount of money has been used to upgrade the IT, computer and sport facilities. All those improvements ameliorated the teaching methods of tutors which helped students with their digesting of knowledge in a better and vivid way. Therefore, it is without doubt that we should make additional efforts and deploy more resources to foster the interest in study by upgrading other facilities on campus.

Flameless cooking is the main element for teaching Home Economics in the 21st century which unquestionably provides numerous benefits in the quality of teaching. It is suggested that the conventional cookers in the HE room should be changed to induction cookers. Many students complained that some of the conventional cookers are set next to the windows and they cannot face the teacher when cooking. After the advancement, the entire induction cookers will be set facing the teacher so that all students can observe the demonstration while they are cooking. Besides, accidents used to happen in the past few years since students misused the conventional cookers and caused fire. These brought harm to

students and disturbed the teaching schedules. Induction cookers are safer to use because there is no open flame. Students can easily control the power by clicking the buttons on the control panel. All these facilitate the teaching progress and aid students to become skilled at cooking.

Gardening is not only about beautifying the campus but also contributing to the studies of different subjects. A “Little Green Garden” is proposed to be situated next to the covered playground. It involves the active participation of students in the growing of different species of herbaceous plants, like peony, tulip and sunflower. This kind of practice can aid students in learning various subjects. For instance, Biology students can appreciate how a plant is grown from a tiny seed to a stunning flower. Visual art students can paint amid nature which they can sketch directly in the natural world instead of from books. This is worth supporting as it possesses beneficial points to the quality of education in the school.

Reading books can broaden ones’ knowledge and allows us to attain wisdom. The library should be expanded so as to have a capacity of more books. The current library cannot hoard up many books so the type of books is limited. It is recommended that more book shelves are

placed in the library after the expansion. The more the books are available, the more the knowledge students can attain. The new library can also allow more students to study and read. This creates a better learning atmosphere in the school that influences other students. Reading books can train ones to study on his own and that is the most important criterion for a student

to be successful.

To improve the quality of education is the goal of both the teachers and students. I sincerely recommend the above improvements to be carried out and aid students to learn in a more effective way.

Yours sincerely,
Roy Chan



Feedback from Mr. Tang Ho Man:

Roy, this is indeed a very sincere and thoughtful letter to the principal about some urgently needed improvements around the campus. You have demonstrated your keen observations to the activities at school and you showed your kind considerations to your fellow classmates. Well done.

Three Traits for Success

7V Hui Hei Man

Achieving success is not easy at all, as success does not come overnight. It is easy when starting out to achieve a goal, but it gets harder as time goes on when inevitable obstacles are thrown in our path. Someone may think that talent determines whether one can succeed or not. I believe that there are three qualities which play a more important role in achieving success.

The first quality is we should learn from mistakes and never give up. This, actually, is the basic thing required by our school teachers for our homework, exams, etc. Ironically, how many people can apply this attitude towards our goal? Only a few. Especially for the teenagers nowadays, many of them just simply give up without persistence once they find obstacles. Facing obstacles in the pathway toward success is a must. The key is that we need to find out solutions and tackle them but not escape from it. Professor Gao, the Father of optical fiber showed us a real example. During his investigation of optical fiber, he had faced numerous difficulties when putting his theory to practice. Some of his colleagues even thought that it is impossible to develop optical fiber during that time. But Professor Gao didn't give up, instead, he kept conducting experiments repeatedly and he finally developed the optical

fiber, which shortened the distance between people in the world. A pro-democracy leader, Aung Sun Suu Kyi, gives us another shining example. Being the leader of the democracy movement in Burma, she is usually the focus of the government. However, Aung never thinks of giving up and struggles for democracy and human rights in a non-violent way. Now, the democracy movement in Myanmar has already been improved due the Aung's endless effort. Both Gao and Aung are the incredible models for teenagers in fighting against unfavorable conditions.

Secondly, we must have the courage to believe that we can do it. Many teenagers lack courage in their lives and always tell themselves that it is impossible to achieve what they want. Take the story of the brave Hong Kong cyclist Wong Wan-yin as an example. She took a heavy tumble during the race. Wong didn't cry for help but she was very courageous that she picked herself up to ride again. Finally, she got the silver medal at the Asian Games. Her action exemplified the illustration of courage and bravery. 'I believe I can do that!' said Wong. Indeed, if we believe our ability, our dreams will eventually come true.

Being hardworking is another essential quality to achieve success. We may have heard of some

old sayings like ‘hardworking is the one and the only way towards success. Actually, it’s true. Without hard work, one can never reach the top to achieve success. Jeremy Lin, NBA basketball player, is one of the examples. Facing different kinds of difficulties like lack of opportunities, pressure from family, discrimination by native American NBA players, his beginnings were certainly humble. But he kept practicing to improve and advance his basketball techniques. Finally he was given an opportunity and he

played a beautiful match, scoring 38 points and beating Kobe Bryant. It is the hard work that brings Lin success, brings Lin opportunities, brings him rewards.

It is true that the road to success is not easy and it is full of obstacles. But equipped with the three qualities mentioned, I believe that everyone can achieve success and make their dreams come true.



Feedback from Mr. Tang Ho Man:

Eric, I cannot agree with you more. Surely to be truly successful, one has to process more than just the three traits mentioned. But if youngsters can follow your advice and keep at it, they will not be too far from their dreams.

Fantastic Relationship between Chemistry and Drugs

5J Lai Mong Hay

Readers, have you taken any medications recently? In fact, did you know that drugs are mostly chemical in nature? What I mean is that the compositions as well as the application of drugs are all about chemistry.

To begin with, let me briefly introduce the production process of drugs to you. At the starting stage, scientists target on a specific type of disease that they would like to work on. Then, in order to find out which type of drugs is the most appropriate in treating with that disease, they conduct a series of trials. When they received positive results from trials, the targeted drugs will be further examined to figure out the most active chemical constituents of the target drug, the constituents will thus be synthesized in mass production.

So, what is the name of the drugs we are commonly taking?

What elements are involved?

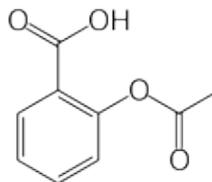
What are the uses of different types of drugs?

Let's explore together!

Aspirin

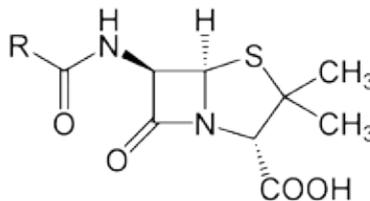
It is often used as a painkiller to relieve pain as well as reducing fever. It also acts as an anti-inflammatory medication. Besides these short

term usages, aspirin is also for long-term use; consuming aspirin can prevent heart attacks and strokes. Many people are taking in aspirin daily to reduce their risk of getting heart attack. The chemical constituents of aspirin include ester linkage and carboxylic group.

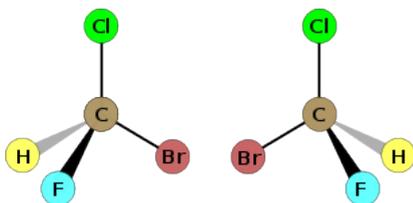


Penicillin

It is a well-known antibiotic worldwide. It is a kind of drugs that fight against bacterial infection. It kills bacteria by secreting certain chemicals that inhibit the formation of the cell wall of bacteria. As a result, the organelles inside the cell tissues of the bacteria leak out, eventually the bacterial cell dies. Penicillin is a sulphur-containing organic compound that with peptide linkage and carboxylic group.



Apart from the mentioned examples, did you know that the arrangements as well as the position of elements in the drugs are of profound significance? A slight change in the arrangement of drugs can cause total alternation in the function of drugs (Teng and Davies, 2003). The example shown below allows you to understand the difference of the two molecules.



Is there a difference between the two molecules?

The answer is YES!!

Although the elements forming the molecules are identical, just look at the positions of the Br atoms and H atoms, they are actually reversed! Can't you spot it out?

If they are the “mirror image” of each other, atoms are laterally inverted in the two cases. Therefore, it is of utmost importance that every detail of the minor structure needs to be straightly considered.

Readers, would you like to find out more about drug chemistry?

When you come across medical drugs later, try to take a look and check out the elements that make up the drugs!

Reference

Teng and Davis, 2003. Advances in Pharmacy. Importance of chirality in drug therapy and pharmacy practice: Implications of psychiatry. 3, 242-252.

Feedback from Mr. Fung Chi Tuen:

In modern Science, it is combined with different areas. The knowledge behind is not limited to pure chemistry, but also linking up with different fields in Science. Most of the biological process can be explained by chemical knowledge.

The Art of Cooking in Chemistry

4J Wong Sam Yin

I used to think that Chemistry is abstract and far from reality. But when I was in form 4, I found that Chemistry is actually closely related to our daily lives. I will show you by using “ginger-vinegar” as an example. I believe some of you already know that the cooking utensil for holding the ginger-vinegar should be porcelain rather than the iron pot. But do you know why?

In the second term of form 4, we learnt about the chemistry of metal. Metals are formed by metallic bond. It is held by non-directional strong electrostatic forces between positive metal ions and delocalized electrons. The delocalized electrons are responsible for the thermal conductivity.

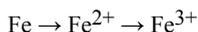
For porcelain stoneware, it is a further development of stoneware tiles and it is manufactured under high pressure by dry-pressing fine processed ceramic raw materials with large proportions of quartz, which is giant covalent bond and held by strong directional electrostatic forces between atoms, and thus has a very high boiling and melting point. But as it does not have mobile ions, it has a poor thermal

conductivity.

The other chapter I learnt in form 4 is about dilute acid. Vinegar is composed by ethanoic acid and water. And the chemical formula is CH_3COOH . It is a weak acid and it partially dissociates the hydrogen ions in water. It gives the equation as following:



With the presence of hydrogen ions in the water, vinegar ~~shows~~ acidic properties. For the conditions of rusting, water and oxygen must be present. Actually rusting is the oxidation process of iron metal. And that’s a slow process for iron to lose 2 electrons. Therefore when vinegar is added to iron, it will speed up the rusting process:



That’s the reason why after you use iron as the container for ginger-vinegar, the iron pot seems to be dirty and rusted. And that’s why people usually use the porcelain stoneware instead.

Feedback from Mr. Fung Chi Tuen:

There are a lot of philosophies in the kitchen. Not only the art of cooking, but also the science in cooking. Chemical reactions happen everywhere in life.