jan 2009

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D?

Alumni



Current Affairs P3



Album Review **P.4**



Wedding is holy. Rarely would there be anyone not taking it as a significant moment of one's life. Sooner or later a couple will make the decision and join hands together, make the pledge before God, and leave the church, with the glittering rings on their

fingers telling others "we're taken". Girls are always ready for it; boys always wait till the last moment to decide that they are ready for it. Whatever they think about wedding, church on most occasions is their first pick; yet there are always exceptions. What about, say, holding it in a school hall?

4th October was destined to be a great day: the weather was perfect, and the sun arrived early, sending in rays through the curtain and lighting up the whole place. It's one of the best spots for wedding ever, especially for a couple who are both graduates of Shun Lee.

The couple, *Tracy and Brian,* have expressed a strong sense of belonging when they decided to have their precious moments in the school hall. They had spent 7 years of their life here in Shun Lee, setting their feet on the same floor for more than a thousand times. To

come back is a journey into the memory, and to have a wedding in a place where they grew up is a tribute to the past.

The couple has known each other for 10 years. Though Destiny placed them in different classes for years, music played its magic and built a bond between the two. In a concert they met each other by pure chance, and with genuine understanding they join hands and set off for future.

Wedding in Shun Lee



However, when they needed to get the hall ready for the ceremony, it took not just love but a practical mind to tackle the difficulties facing them: the hall is not designed for wedding purpose, and it demands greater creativity to decorate the place than having the ceremony held in a conventional function hall. It was not easy; they never expected it to be. Wedding is holy; it deserves enormous efforts, a little pain in between, and euphoria in return. Thanks to their parents, who have given them full support for

their decisions, they coped with all the difficulties with composure and confidence.

When the clock struck three in the afternoon, the guests filed into the hall. They filled the hall

with blessing and warmth. Soon the ceremony began. While the elegant bride was walking down the aisle under the music performed by the couple's friends, she was embraced by an aura of peace and grace, with guests on both sides, wishing her all the best, and Brian waiting ahead, with a pounding heart, for the moment to come. Everyone was glad that they were invited to be a part of it; it is what collective memory really means.

The couple expressed their gratitude to their family, friends, teachers, and the principal by making a promise: their union will stay strong until the time ends. Brian brought the ceremony to its climax when he sang the "Love Song" to Tracy. It was music in that concert years ago that brought them together. The music is still in the air, and that night has never ended. Yet as their new chapter

begins, they discover that there is not only music that holds them close, but also love, admiration, and each other's hand

other's hand.



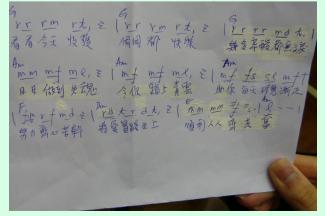


Friends

It is great to have their wedding ceremony in Shun Lee, a place where they met each other and created memories of their own.

Being the first pair of such is sweet. We wish them all the best, and, of course, have a bunch of kids soon.





Mentors

I'm glad that they get married. When I see them holding hands, I recall what they did in their teens and feel as if I had become their father, experiencing the most exceptional occasion in their life.

What impresses me the most is their perseverance that helps them get round the difficulties posed by the school hall. After all, it's not designed for wedding purpose.

I wish that they'll always remember Shun Lee, and that they'll support each other in years to come. These boys and girls have graduated, left the school and started their work elsewhere, leading life of their own. But I don't believe that everything ends there. With this ceremony we unite again, and for this I have written a song.

Jan 2009

P.2

Interview with Johnny Lam

President, Alumni Association



- Q: Every teacher addresses you as Mr. Chan, and it's always fun to call you this way. Yet what's your real name? How should we call you?
- A: Call me Johnny Lam. This's my 'official' name.
- Q: Mr. Lam, we've heard about the alumni association, and we'd like to know more about it. When's it established? And what's its mission?
- A: I can't quite tell when exactly it's set up. It's ages, but it's definitely between 1988 and 1989. Over

- the years the association has devoted to the same mission to unite the alumni and keep everyone in touch with Shun Lee.
- Q: How could one join the association? And will there be any annual fee?
- A: The graduates can register their membership at our alumni forum. We did charge our members once until we reckon that it's unfair to most of our members if the collected fee is spent on activities which so few of them join. So we stop charging our members except those who attend our functions.
- Q: What activities does the association organize for the alumni?
- A: (laughter) We don't actually have that many as you think. The best function we've is definitely the *Shun Lee Premier League*(順起聯). We also hold talks together with the Career Guidance Team. Yet we're facing a shortage of manpower.

- Q: Could you tell us about the teams?
- A: Altogether we've 11 teams. The 1999-graduatesteam is the star team with a great many warriors.
- Q: What plans does the association have?
- A: We wish to hold activities of greater variety, like basketball competitions. To invite our alumni to have BBQ gathering at our old place in Shun Lee would also be great. But we're thinking about suspending the Shun Lee Premier League. It's always been difficult to come up with a full team as each alumnus has his own schedule. We may switch the league back to the old mode—get all matches done in one day! Lastly, we're working hard on liaising with the alumni of earlier days because we've only 150 members in our forum. We wish to contact them through different ways.

The Shun Lee Premier League

07-08 League Table

POS	TEAM	P	W	D	L	PTS
1	99畢業生	9	8	1	0	25
2	寶聲隊	9	6	1	2	19
3	91畢業生	9	5	1	3	16
4	老鬼隊	9	4	3	2	15
5	順利921	9	4	2	3	14
6	育成足球	9	4	1	4	13
7	順利老師隊	9	4	0	5	12
8	順利朋友	9	3	2	4	11
9	鬥牛	9	0	2	7	2
10	晴天足球隊	9	0	1	8	1

Top Scorers

POS	NAME	TEAM	GOALS
1	莫黃維	91畢業生	10
2	Kong Ka Wai	順利921	9
2	蕭偉文	91畢業生	9
3	古常菁	老鬼隊	8

When the graduates came together one day years ago there suddenly came one thought: How about having a match with the other alumni, and the teachers? When they put the idea into practice, they arranged the matches like any ordinary football matches, and finished them all within one day. The idea received great applause, despite that several teams would like to have more matches. That's the reason the association makes it more like a tournament, with a better structure, and more matches.

Through this league alumni graduated in different years pay the old days a sweet visit. But to have a full team is never easy when no two schedules ever fit each other. Their friendship, however, is not formed by a football, but their bonds with Shun Lee, a place where they find their roots.







Message from Principal

Last year, after a talk organized for P6 parents in the school hall, a young lady approached me and asked if I still taught Religious Education after I took up the role as the school principal. Before I recognized that she was one of my former students, she proudly introduced her son to me and sincerely told me that she would also like him to experience the meaningful and enjoyable school life here as she did when she was young.

What makes Shun Lee different? What makes a Catholic school different? It is God's love. The vision of Catholic education is to foster a community which cherishes and promotes Christ's teachings of love and service as well as social values and love of life in its own culture, and which strikes a balance between the improvement of the quality of livelihood and the enhancement of the quality of spiritual life.

Numerous changes, far too many in volume and in pace, have sparked off without warning in advance to us in Shun Lee. I believe that all these contain in themselves both a challenge and an opportunity as it all depends on the qualities a person is endowed with. In preparing for the implementation of the New Senior Secondary (NSS), we have been loaded with tons of work.

Despite the increasing number of schemes and projects, the spiritual development of our students is still always our top priority. That is, to implant our core values, "Love", "Mutual Respect" and "Responsibility" in their hearts. It takes years to establish the culture of Shun Lee and we do hope that the influence and the differences we intend to make in our students would be lifelong.

The contributions of our teachers, pupils, parents and alumni to make this happen are all essential. In the past months, I have witnessed our alumni's unreserved support for their Alma Mater.

Their generous support as shown in Dr. Ivy Chan's Scholarship, Dr. Chan Wing Kwan's and Dr. Sun Siu Yan's recent sharing with our students, the careers development seminar and the professional sharing session organized for our S3 to S7 students on the Career Day are just a few examples to name. Many of our graduates also come back to school to visit their teachers, to take photographs and to invite their teachers to share their happiness on such momentous occasions as graduation or wedding. I would like to thank our alumni for their warm presence in Shun Lee, which is always encouraging to us.

"The best and most beautiful things in the world cannot be seen, nor touched..... but are felt in the heart." Helen Keller

The nice Year of Mice

For the Chinese, the year 2008 is more than just a Year of Mice. When the Olympic Games have dazzled the world with its spectacular opening ceremony and record-high number of gold medals, and when the blast-off of the Shenzhou-7, 4 years after its forerunner Shenzhou-6, that carries the first Chinese who takes his space-walk, has drawn its path across the sky into the outer-space, China has once again, in a positive way, caught global attention. Yet, the prologue has ended; a disheartening chapter of the history of China begins.

Sichuan Earthquake

The heartbreaking natural disaster claimed more than seventy thousand of lives, burying the victims under ruins alive. Yet what further aggravated the problem was that the buildings were constructed in such a way that it joined force with the mighty earthquake and caused greater casualties. Investigations uncover the scam that a great portion of the capital for the construction has been drawn by the third party, rendering the building less durable against the devastation of the natural force. Worse still, there is news reporting that the officials have been trying to hinder the outsiders, including those from Hong Kong, from unveiling the scene. Parents of the victims are also discouraged from filing for any prosecutions. The strength of the Earthquake is no match for the power of the government. Being invincible and unshakable, the authority has defeated the natural power, in an unnatural way.



The tainted-milk scandal

Chinese government, at the very frontline, should have taken the responsibility to monitor food quality and avoid contamination. Yet the episode exposes not the weakness of the administration, nor the irresponsibility displayed by the officials, but the greed embedded in the merchants and the extremity of capitalism. When profits outrun morality seldom would anyone care about integrity until the evil costs human life. It is reported that over 300,000 infants have fallen ill due to the contaminated milk powder, the only food they ever need for their first few years. The parents would have prepared other food for their beloved if they had been informed in advance that the milk powder with melamine costs not only yuan but also their babies' kidneys. Once again the government does what they are best at, trying to cover everything up. The press smells it, and do what they are best at – dig in, get shoved away, and dig in deeper with the collective strength of the public. The government is always the scandal magnet.



What's nice with this year?

Heartbreaking though, 2008 is worth, with joy and pride, embracing. The Beijing Olympic Games, a tremendous achievement in history, enchanted the globe with its richness of Chinese culture. Years of preparation has improved the citizenship and modernized the city. Chinese starts to know what a queue looks like and the etiquette of not spitting in public. The Games does fulfill its mission, that it brings the mainland one step closer to civilization. The liftoff of Shenzhou-7 has also led China into the larger domain in astronomy. Being the third country which has sent man into the outer space doing space-walk before the camera, China has projected a clear image: it is in advancement with a controlled progress, yet it has no intention of dominating the world. To be prudent and modest is always the golden rule of Chinese.



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Horizontal:

- i. lasting for a long time ii.
 - (adj) polluted by dangerous substances
- to form or join a line of people iii. (v)
- iv. (v) to force a small amount of saliva out of your mouth
- to spoil (v) V.
- vi. particular task or duty undertaken by an individual or a group

Vertical:

4.

7.

- the legal right of belongings to a particular country 1.
 - (adj) world-wide
- 2. the moment when a spacecraft leaves the ground 3. (n)
 - (n) the chemical found in recent China-made milk products
- a baby or very young child 5.
- (n) the opinion people have of a person, organization, 6.
 - (n) an event in which someone, especially someone important, behaves in a way that shock people
- 8. customs, arts, social institutions, etc of a particular group or people
- (n) one type of natural disaster

Film Review

Want a ride?

When Authur Dent woke up that morning like every ordinary Englishman did, he wasn't be aware that he and his house were nuisances to the construction of the new highway. But soon it would be the least of his problem. The construction shuttles from the Vongons had arrived, and the Planet Earth ranked top on the demolition list to make way for a new hyperspace bypass. Boom! And that's it for your unbelievably short and insignificant life, unless you hitchhike, as though what Dent and his Alien pal did, and got on the Vongons shuttle. That's where the journey began.

Based on an acclaimed science fiction comedy "The hitchhiker's Guide to the Galaxy", created by Douglas Adams and broadcast on BBC radio4 in 1978 as a radio comedy, the movie has preserved its intense black humour, like what most British-made comedies do, to mock the rigid bureaucracy of a government, particularly that of the British. It also questions our obsession with pursuing the truth of the origin and meaning of our existence: are we asking the right question? Have we ever grasped the full context of what we are asking? This philosophical movie, coated with humour that requires deliberate thinking and interpretation, which are never the speciality of HongKongers, is ranked top at the "worst comedy chart" when it's released in 2005, by



critics who think they can think. These thinkers should be put at a higher priority than Earth on the Vongous's demolition list.

Pick "The hitchhiker's Guide to the Galaxy" and learn the secrets of the universe. This movie is not set out to make you laugh till it ends, yet it bears what a good movie should have: an open-end that raises questions and is worth thinking about even after years.

Album Review

When the book was released in 2005, not even Stephanie Meyer would have imagined a story depicting the romance between a vampire and the girl he likes, which goes against the nature and the very rules, could drive the world mad.



And when its big-screen adaptation sweeps the world, I mean the whole world, with a total gross of \$158M, what follows is always an OST. Once again a beautiful mind turns itself into a money-printing machine.

While to talk about the subtle relationship between money and art could take a century, it takes one only an hour or so to listen to the album in entirety. To those who like upbeat and rock they will find the album an easy ride. Full Moon by the Black Ghosts, and Eyes on Fire by Blue Foundation would make way into my top picks, as upbeat and rock have never worked well with me. What funny is that only one track of the playlist developed by Stephen Meyer for the movie is put on the album. Meyer surely has the ability to manipulate words and the emotions among her fans, but to get in line with the music the teens nowadays like, she has no ideas.

One Laptop Per Child

One could not imagine how unbearable it could be to live in extreme poverty - with the walls of the home torn down, and the supply of water and electricity cut off -- until one is trapped in such a situation like those kids are in Reaksmy, a remote village in Cambodia, or many other villages. We have been lucky for too long that we have got used to taking it for granted.

But someone denies turning their backs on these tragedies. Prof. Negroponte, the founder of MIT's Media Lab, reckons that the kids' enthusiasm towards learning should be answered. In 1999 he founded a school in the village, satellite dish and generators – ready, and gave laptops to the kids. When the path to the technology is cleared up, and the map put into these kids' hands, these underprivileged for the first time see what we have long neglected – the value of knowledge and chances.

It's how the One Laptop Per Child (OLPC) starts, and what lies upon could only be something of greater purposes. When the devastating earthquake stomped Sichuan, throwing many lives and hopes into the endless abyss, OLPC decides that they should contribute by giving the young survivors computers so they can continue their study and get over the pain. Now by paying only HK\$3380 you can own an XO and donate the other one to the underprivileged kids; you can, of course, give away the other one to one more kid. With the XO, the kids get online with us again. For more details, please visit



http://www.oregonscientific.com.hk/g1g1/

Life @ Shun Lee: The SU Debate

SU Debate Demo, staged successfully on 22 October, is set out for a great objective: to build a platform on which fellow students can express and exchange their views towards social issues.

The duel was arranged on the podium, members of the Chinese Debating Team being the affirmative side and S6 the challenger. Words replaced swords, and arguments were fired against each other; There was no peace until a consensus was reached.

The motion "Strengthening the censorship of internet messages sets an immoderate measure to information release" was designed to raise our schoolmates' concern about the first-round public consultation of the Control of Obscene and Indecent Articles Ordinance (COIAO). Since there is an intense concern about the freedom and mental health of internet browsers, we find it an arguable topic, and are eager to hear the voices of our fellows.

For more details about the review of COIAO, please visit http://www.coiao.gov.hk



Shunique Publication Team

Chinese Teacher Consultants:

黄運英老師

卓少雄老師

李啟輝老師

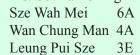
English Teacher Consultant:

Mrs. Kwok Lim LL Mathematics Teacher Consultant:

Mr. John Mak

Editors:

Mr. Kwok Wai Lun Mr. Boji Lam Ms. So Man Ching



P.1

Our newsletter

We are pleased to introduce By the Numb3rs, the newsletter from Shun Lee Catholic Secondary School's Department of Mathematics.

The newsletter will bring you interesting mathematics problems and issues, updates on recent development in mathematics and upcoming activities for students.

Of course, your suggestions on ways to improve the activities and newsletter are also welcome. Just like Paul Erdős said "Our minds are open".

Behind NUMB3RS

Suppose you are an exterior painter, a person who takes jobs painting the outsides of various buildings. Let's say that the builder who has hired you to paint some new apartment buildings has a certain subjective design requirement that goes something like the following.

He wants to use two colours of paint: red and blue. His only rules are that the outside of each storey of the building be either red or blue, and that no two floors adjacent to each other vertically may be red.

Each building must be painted differently. How many different combinations of colors can there be for apartment buildings with various numbers of floors?

Let's start with apartment buildings with one storey:



Next, let's find the combinations for buildings with two storeys:





Maths Odyssey

This year, we are going to screen the famous TV series, NUMB3RS during Thursday and Friday lunch time (1:20 – 1:45pm) in ILC and to organize a bi-weekly workshop after school on Friday for all students.

Discussions and activities are arranged after viewing the episodes to let students further explore these mathematical tools. By trying the maths used within each episode of NUMB3RS to classroom

activities, you can increase your interest with these real-world examples.

Membership is open to all students. A simple registration is required and students can join the club at any time.

Please contact Mr. Mak K.C. or your mathematics teacher. (slcss.maths@gmail.com)

Apartments with three storeys:



Apartments with four storeys:

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Apartments with five storeys:

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	ee ee	88 88		88 88		## ##		## ##	
	## ##	## ##		## ##		====		===	
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Can you observe any pattern? How do we know this is not just a coincidence?

Book Recommendation

Las Vegas, card counting and five brilliant MIT students, what else do you need? The book Bringing Down the House, 21 offers up what Ocean's 11 can't. And while the original story has obviously been altered, the reality of master card counting is surprisingly accurately portrayed.

When Ben Campbell (Jim Sturgess) is in need of money to fund his Harvard Medical School tuition, the math whiz kid is conveniently provided with an opportunity to partake in a Blackjack team composed of four other MIT students. Led by Ben 'mathematics professor Micky Rosa (Kevin Spacey), the team would fly into Vegas and hit the tables. The team employed well-rehearsed verbal and hand signals, and wore disguises to conceal their identities.

What is card counting?

Card counting has nothing to do with remembering every card that has been played, that's more a feat of memory. Although the card counting systems take many forms, one of the most popular and simplest is the high-low count. Each card is assigned a positive, negative or neutral value:

2, 3, 4, 5, 6 = +1 7, 8, 9 = 0 10, J, Q, K, A = -1

21:Bringing Down the House keeps a running total of the count, Eventually, members of the b

The player keeps a running total of the count, adding or subtracting as each card is played. The player raises their bet according to the positive strength of the count. The count also determines how to play each hand.

For example, if the deck is strongly positive the player is more likely to draw face cards, so may profit by playing a more cautious strategy.

Here are some oral count signals:

Tree: The signal for a count of +1, because a tree

looked like a one

Switch: +2, because a switch was binary, on and off

Stool: +3, because it has three legs

Car: +4, four wheels Glove: +5, fingers Gun: +6, bullets Craps: +7, lucky seven Pool: +8 eight balls

Cat: +9, lives Bowling: +10 strike Football: +11, goalposts Eggs: +12, a dozen

Witch, +13, witchy number Ring: +14, fourteen-carat gold

Paycheck: +15, got paid on the fifteenth Sweet: +16 sweet sixteen

Magazine: +17, the name of a teen magazine Voting booth: +18, the age you could vote

Eventually, members of the blackjack team were betrayed. Out of greed, some team members sold names and faces to the Griffin Agency, which is hired by some casinos to track players who win disproportionately. The Griffin Agency compiles a face book of card counters and prohibits them from betting.

Card Counting Strategies http://www.qfit.com/card-counting.htm



Jan 2009

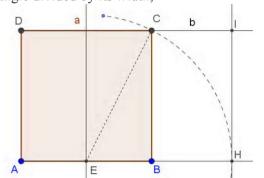
Construction site : Golden triangle

- 1. Construct a simple square ABCD.
- 2. Bisect the side AB at the point E.
- 3. Draw a line from E to an opposite corner C.
- 4. Draw an arc centered at E, radius EC to the extension of the bottom side.
- 5. Complete the rectangle AHID.

Measure the ratio AH: AB. No matter you try, the ratio you obtain is the same as those your classmates obtain. Why ???

It is easy to prove that rectangle ADIH is similar to rectangle CIHB.

The Golden Rectangle is defined as a rectangle that can be partioned into a square and a smaller rectangle CIHB which is similar to the original rectangle ADIH. In this example, the length of the smaller rectangle divided by its width is equal to the length of the larger rectangle divided by its width,



Further studies in Mathematics

Two of our alumni are now pursuing some undergraduate programmes in the Hong Kong University of Science and Technology (HKUST).

Mathematics and IT Education

This program intends to produce outsstanding mathematics and information technology (IT) teachers for secondary schools in Hong Kong.

This four-year program is composed of a three-year honors degree program in mathematics provided by the HKUST and Technology, and a one-year professional teacher education provided by the HKIEd. Program graduates will be granted Registered Teacher Status by the Education and Manpower Bureau upon application.

Unlike the traditional "first degree + one-year postgraduate diploma in education" training model, this program integrates professional teacher training with academic studies from year two onward, giving students ample opportunities to build up professional confidence before taking up their first teaching post.

Mathematics

This is a three-year program that includes six options: Pure Mathematics, Mathematics and Physics, Applied Mathematics, Mathematical Sciences, Statistics and General Mathematics. Students in all options take multivariable calculus, linear algebra and

introduction to analysis in the first year.

BR41N3T0RM

Problem 1

Explain the following pattern and show that it is always true.

 $3^2 - 2^2 = 5 = 3 + 2$

 $4^2 - 3^2 = 7 = 4 + 3$ $5^2 - 4^2 = 9 = 5 + 4$

Problem 2

Can you continue the following pattern? What is the general pattern? Give a dia- grammatic justification?

 $1 = 1^2$

 $1 + 3 = 2^2$

 $1 + 3 + 5 = 3^2$

 $1+3+5+7=4^2$

 $1+3+5+7+9=5^2$.

Problem 3

在數列A、9、B、C、D、E、7裏,任何三 個連續項之和皆為 19 , 求 A + B + C + D 的值。 (係咪小兒科 6.12.2008)

Problem 4

某人的人生有六分一的歲月是小孩、十二分一是 少年、七分之一是未婚成年,他的兒子在他婚後 五年出世,卻比他早四年去世,而兒子的壽命則 只有父親的一半。問題是:這人活了多少年? 註:希望同學可以提供至少兩個不同方法。 3. 26 4. 84 5. 18 (信報 12.6.2008)

Problem 5

John fenced off a rectangular area for his chickens. He placed the posts 1 m apart all round the edge before tacking the wire netting in place. When he'd finished the job he noticed that the area of the chicken run was numerically the same as the pe- rimeter. How many posts did John use in making the run? (Ministry of Education, NZ)

3.26 4.84 5.18

i.e., $a \div b = (a + b) \div a$. The ratio of the longer side of each rectangle to the shorter side is known as the Golden Ratio. This ratio can be proved to be approximately 1.6:1.

Mathematically, this works out to be about 1.6:1, or 3.2 : 2 compared to the 3 : 2 as-pect ratio of 35mm

Mathematician

很多數學觀念是在輝煌年代的亞歷山大城 形成的。其中一位長期在亞歷山大城做數學研 究工作的希臘人是丟番圖

(Diophantus, 約 246 - 330) 。

《 算術 》 " Arithmetica" 是丟番圖的 主要著作,是一部代數的論著。原書共有 13 卷,保留至今天的只有 6 卷,相傳其餘 7 卷 在一場大火中被燒毀了。,也是首位用符號來 表示幂(power)的數學家。

丢番圖享年之謎

在丢番圖的墓誌銘中,記載了他享年的秘 密:「上帝給予的童年占六分之一,又過十二 分之一,兩頰長鬍,再過七分之一,點燃起結 婚的蠟燭。五年之後天賜貴子,可憐遲到的寧 馨兒,享年僅及其父之半,便進入冰冷的墓。 悲傷只有用數論的研究去彌補,又過四年,他 也走完了人生的旅途。」你能從墓誌銘中,求 得丟番圖享年多少歲嗎?

Olympiad Corner

Question 1

Calculate 2-0.1-0.12-0.123. (HKMO 2006)

Question 2

If
$$p = \frac{2}{3 + \frac{2}{3 + \frac{2}{3 + \dots}}}$$

what is the value of p? (HKMO 2006)

Question 3

Let
$$f(x) = 4x^2 - 4x - 2006$$
. Find $f\left(\frac{\sqrt{2006} + 1}{2}\right)$

Question 4

Among 4 English books, 6 Chinese books and 9 Japanese books, two books are se-lected. It is found that they are of the same language. If there are X such choices, find the value of X. (HKMO 2006)

Coming opportunities

第一屆香港中學數學創意解難比賽 The First Maths Creative Problem Solving Competition for Sec. School Four S1 students

國際數學奧林匹克-香港選拔賽 International Mathematics Olympiad Pre-liminary Selection Contest-HK 2008 Four S4 students

天主教教區學校聯會數學比賽 CSCD mathematics competition Four S4 students

香港培正中學數學邀請賽 Pui Ching Middle School Invitational Mathematics Competition

Three junior form students

香港青少年數學精英選拔賽 The Hong Kong Mathematics High Achievers Selection contest Five S3 students

If you are willing to challenge yourself next year, please contact Mr. Mak K.C. and Miss Chan C.Y. for further details.

Advisor: Miss Chan CY, Miss Chan SL, Mr. Mak KC (Email: slcss.maths@gmail.com)

四

文踪

用愛鋪成的道路 中三 謝穎欣

此時此刻,我們心連心、手挽 手的在這條艱辛、漫長的道路前進 。憶起當天,一塊塊沈甸甸的巨石 ,無情地壓住我們的至親。痛,揮 不去,在心的深處埋下來……

好想好想在曲折崎嶇的道路上 突然出現一台時光機, 載我們回到 過去, 無論多麼難熬, 只要一息的 存, 也並肩向前走。四川地震中 我的家人全部離開了我。那些日子 ,無論怎樣也擦不乾我那不斷流下 的淚珠, 黑暗淹没了我, 使我失去 平衡。

是愛把絆倒的我扶起,讓我抬 頭看見曙光。

在醫院治療期間,每天都有哥

特殊的禮物中一 吳卓盈

自從那大樓崩了,天空塌了, 到處頹垣敗瓦,我一直被困在漆里 當中。寂靜的黑暗籠罩着我,完 一聲「救命」也喊不出來,只靠着 發抖的手去尋找出路。抖動着的 一直摸着水泥牆,直至我感覺到, 有人握着我的手。

那是一隻冰冷的手,我隱約地 聽見手的主人在挽留我。我知道, 那手的主人將會是我一生人中最後

淚 中四 陳振洲

淚,是淚腺受到刺激,不由自 主地產生的分泌物。曾有人說,這 是人類擁有情感的明證,也有人說 這只是發洩過後的副產品。但面對 着人生種種經歷和變化,會不為所 動,不流下一滴淚嗎?

在電視上,看見一個個奧運健 兒,經過了無數的戰鬥,灑下了無 數的汗水,直到最終取得勝利的一 哥、姐姐前來探望我。他們為我講故事,教我唱歌,與我跳舞。他們 親切真誠的笑容,叫我嚐到人間的 愛。「眼淚流過了才有力量!」這 句話是一位姐姐告訴我的。

原來在這條迂迴的路上,有無 窮的愛推動著我。那天,我收到一 封奇妙的信,上面寫着:



認識的友伴,我們素未謀面,卻是

如此的親切。我在水泥牆的縫中跟

「手的主人」渡過看似漫長卻又短

暫的時光。他告訴我,他的願望是

要當一個好老師,教出最好的學生

。可是我知道,這不再可能發生,

的一個朋友。我答應了他,我會永

遠緊握着他的手,即使他可能再也

感覺不到。我們會有獲救的一刻嗎

?會有見面的機會嗎?在矇矓之際

,我想起甘甜的河水,我渴;我想

我捉緊他的手,害怕失去最後

除非奇蹟出現。

給堅強的四川小孩:

您好!我是一棵印度橡樹,您 想要認識我嗎?我就盤踞在前方的 山坡上。

在我初到來這世界時。環境十分惡劣,山坡荒乾,因此我盡量散枝落葉,保存僅有的水份,甚至不開花。我的樹根粗獷,葉子闊而厚,在荒涼的山坡上經過多次劫數,卻更見盎然。

日出日落多少個世紀;人的靈 魂輪迴了多少次,這片國土上發生 過什麼血洗戰役,都無礙我鬱葱地 生長。願聰明的您明白一切生命都 有價值,活在當下!

> 印度橡樹 二零零八年五月二十八日

泛著淚光的雙眼滑下一顆淚珠 ,我卻咧咀笑了。這顆小小的淚珠 載住了對父母親千絲萬縷的記憶與 懷念,也載住了對愛我、支持我的 人的一份感謝。謝謝你們的愛!

這才發現,道路兩旁枯萎的花 朵毅然盛開了,好不豔麗,香氣直 沁心脾;樹木枝繁葉茂,在路上替 我遮風擋雨。

起河畔清新的空氣,猛力吸一口 ——卻只是一鼻子灰。黑暗令我漸 漸的失去知覺。那時,我發現黑暗 的安靜是別處找不到的,我被温柔 的黑暗哄得睡着了……

我一直的在沈睡,直至空虚的感覺突襲而來!我張開眼後立即感覺到握在手中的那雙手不見了。他在哪裏?那一直在黑暗中陪伴我的手在哪裏?正當我迷惘之際,一道強光使我眼皮也撐不起來:久違了的陽光!

在地震後的兩天,我終於獲救了!是多麼的難以置信!我永遠也 不會忘記逃出黑幕時看見工作人員 的喜悅表情!

忽然有人拍了拍我的肩膀,我的感覺絕不會錯,他是那雙手的主人……原來他正是我校的老師。他憔悴得很,可能因為他剛為我盡心盡力的上了一課。

人與人之間的扶持,是最好的 禮物。

話說捐贈中六 施華湄

在熙來攘往的街道上,不難發 現慈善機構的義工在到處募捐。然 而,不少路人都對義工的奔波視若 無睹。

其實,人所吝嗇的,又何止金 錢呢?

從傳統思想的角度來看,捐贈器官 雖或會破壞家族的運程,但何嘗不 是為祖先積積陰德呢?如此看來, 是福是禍都只是觀點與角度的問題

可惜,這種根深蒂固的觀念, 使為數不少的「衛道之士」選擇將 別人的續命神藥送進火化爐。

香港人,是哪些價值把你的愛 心埋沒,是甚麼思想把你所能與人 分享的,都放在自己的口袋裏呢?

希望日後在街頭看到的,是一個又一個塞得滿滿的善款箱吧!

刻,呼天大叫,站在頒獎台上,手中緊緊地握着金牌,在國歌的伴隨中六下,淚從兩頰間徐徐流下。健兒心裏懷著的,是一種明白自己多年努

裏懷著的,是一種明白自己多年努力已得到回報的興奮之情;是一種 能為國家爭光、不負所望的激動之 情。此刻,因著興奮和喜悅,淚, 流下來了。

語』文有約

文字遊戲

文字,乍看令人感到有點沉 悶,但它箇中包含的樂趣,你可有 「語」文有約會跟大家探討「文字 遊戲」。

一、甚麼是文字遊戲?

群之間的情趣活動。但是,如果一 種文字遊戲既能為人們傳達心靈訊 息、又能給人們以優美的精神享受 , 則不失為一項文字藝術。

中華文化是世界上最古老的文 明之一,有超過五千年的歷史。由 於中國文化源遠流長,諸如此類的 文字遊戲無疑不少,而且許多技藝 精巧、寓意深刻。

二、介紹三種文字遊戲

有關文字遊戲的專題不勝枚舉 ,但最具影響力,且能寓學習於娱 5、紅橙綠藍紫(打成語一) 樂的要算是燈謎、對聯和謎語三種

三、燈謎

燈謎又叫「文虎」,它主要是 領會?讓我們分享其中奧妙。今期 依據文字中一詞多義、筆劃組合及 摹狀象形等特點,通過別解、假借 、運典及拆字等方法而成的文字遊 戲,故屬於「文義謎」。燈謎謎面 較文雅,講究言簡意賅和思維的邏 文字遊戲是使用同種文字的人 輯性,強調字詞含意的別解,一般 難度和技巧比謎語要高得多。同學 試完成以例子,答案在頁底。

- 1、積食(打一口語)
- 2、前事不忘,後事之師 (打明代抗清名將一)
- 3、生產必須出正品(打成語一)
- 4、選嫩的(打作家一)

四、謎語

謎語又稱為民間謎語,它著重 以事物的形體、性能和動作等特徵 ,以求達致猜射的目的。所以謎語 是屬於「事物謎」。它是用白描手 法,以形象、特徵的寫照,讓人感 受所要猜射的事物,較直接。它直 接體現了所指物的特徵,無需別解 謎面的含意。這是它和燈謎不同之 處。試看一看以下例子:

- 1、一物真離奇,誰也不能缺; 不洗還能吃,一洗就變髒。 (猜自然現象)
- 2、出生同一天,住在山雨邊; 說話聽得見,卻互不見面。 (猜人體器官)
- 3、十個禿頭兒,分開站兩邊; 同床同被枕,分穿雨件衣。 (猜人體器官)
- 4、長得真奇怪,腰裏出鬍子; 去掉鬍子後,露出牙齒來。 (猜農作物)
- 5、生在深山死在鍋, 藏在瓶子活在懷。 (猜農作物)
- 6、生根不落地,有葉不開花; 街上有人賣,園裏不栽它。 (猜蔬果)
- 7、紫樹開紫花, 紫色果裡盛芝麻。 (猜蔬果)

五、對聯

對聯也是一種文字遊戲,對聯 又叫楹聯,是我國文字的一大特色 。它以較少的文字,依據平仄排列 成上下兩句而意思整合的對子。同 學試看一看以下例子:

- 1、書山有路勤為徑, 學海無涯苦作舟。
- 2、燕燕鶯鶯處處紅紅紫紫, 風風雨雨年年朝朝暮暮。
- 3、人過大佛寺,寺佛大過人
- 4、客上天然居,居然天上客。
- 5、僧遊雲隱寺,寺隱雲遊僧。
- 6、路人行上行人路, 居士隱留隱士居。
- 7、自在自觀觀自在, 如來如見見如來。
- 8、有水有田方有米, 添人添口便添丁。
- 9、弄假似真終是假, 將勤補拙終輸勤。

千哉 7 菜豆 3 菜菜 3 米玉 4 堀禰 8 耳 2 水 1

熟不黄青 6 含生 4 次 並 下 不 长 下 皮 5 水 下 少 Ⅰ

試找一找以上對聯哪些是可以 倒讀?(對聯中回文體詩)

對!3、4、5及6首是可以倒讀 回文體詩。今期先後介紹了三類文 字遊戲,希望大家能共享文字中樂 趣。

: 案答語號

:案答點登

考一考你 極品回文詩

一、「連環回文」

續上期淺談回文詩,今次要介 紹回文詩中之極品,最難寫作。這 種回文詩,不論從詩的哪個字開始 讀,朝哪個方向讀,都是一首好詩 。據說清朝同治皇帝的御用小茶壺 上,就刻有下面一幅簡單文字圖案 。它順讀、倒讀都可得出五言絕句 一首,堪為連環回文詩之千古佳作

您可以很容易讀出:



(其一)芳樹幽紅雨,淡霞薄月迷。香霧流風舞,豔花落雪飛。

(其二) 芳飛雪落花, 豔舞風流霧。香迷月薄霞, 淡雨紅幽樹。

(其三) 迷月薄霞淡,雨紅幽樹芳。飛雪落花豔,舞風流霧香。

(其四)迷香霧流風,舞豔花落雪。飛芳樹幽紅,雨淡霞薄月。

二、蘇蕙璿璣圖

歷史上回文詩之登峰造極者, 非前秦時代才女蘇蕙莫屬。蘇蕙, 字若蘭,陝西扶風縣人氏,自幼聰 慧,善刺繡、諳詩文,嫁竇滔為妻 。據扶風民間傳說,竇滔在任秦州 刺史期間公正廉明,卻被奸人誣害 ,因而被發配邊疆沙州(今敦煌) 服役。蘇若蘭日夜思念丈夫,後來 刻意寫了一首112 字精美的回文詩 ,用五彩絲線織成一幅錦繡《璿璣 圖》,托人送給他。

112 字版本的《璿璣圖》

去日深山當量妻夫歸早咐真思又 公雀同初叫寡思回婦囑不身情貴 陽婆結夫配早織垂時恩上何米語 侶髮年夫與錦歸去雙少深柴夫誰 好伴奴邁回要淒可寒淚中久料我 豈赦尋文身孤本衣憐家上至別月 早知朝能受靠野歸想天今枕日離 子天冷淡尚鶴誰更不久地同鴦鴛

此文字方陣在很長一段時間裏 不為人們所解讀。後來知道,若從 最上一行中間的「夫」字開始,向 右斜念下去,再七轉八拐,直到「 妻」字為止,便得一首十六句的七 言詩:

夫婦恩深久別離,鴛鴦枕上淚雙垂。 思量當初結髮好,豈知冷淡受孤淒。 去時囑咐真情語,誰料至今久不歸。 本要與夫同日去,公婆年邁身靠誰? 更想家中柴米貴,又思身上少寒衣。 野鶴尚能尋伴侶,陽雀深山叫早歸。 可憐天地同日月,我夫何不早歸回。 纖錦回文朝天子,早赦奴夫配寡妻。

真是加密容易解密難!當時回文 詩迷解開以後,便被廣為流傳,最後 傳到秦王苻堅手裏,讓秦王驚詫莫名 、讚歎不已,遂為竇滔平了冤案,讓 他官復原職,令蘇蕙夫妻得以歡樂團 聚。這一簡樸民間故事在當地傳為千 秋佳話。

據文獻記載,從現有的《璿 機圖》而言,繁簡不一,扶風的 《璿璣圖》共841字,天水的《 瑢璣圖》112字;從時間上來看 ,天水的在前,扶風的在後。唐 代武則天曾親自為《璿璣圖》寫 序,對之推崇備至,說是「才情 之妙,超古邁今」。後人關於蘇 蕙和《璿璣圖》的許多版本,均 從此序言演繹而來。但武則天畢 竟不是史學家,所說不足為憑。

參考資料:

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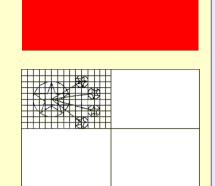
旗海。飄揚

中國國旗

中華人民共和國國旗是一面五星紅旗。紅色的旗面代表革命精神,黃色的星是表示在紅地上顯出光明,同時亦象徵中國人黃皮膚的特徵。旗上的五顆星及其相互關係象徵中國共產黨領導下的中國人民大團結。

使用國旗尚且有不少規條,更何況在同時使用國旗和區旗這種複雜情況呢? 無論懸掛、列隊舉持等情況,國旗也應該在較高和較前的位置。而展示或使用破損、污損、褪色或不合規格的旗幟,皆可能觸犯基本法第十八條規定在港通行的《中華人民共和國國旗法》及《中華人民共和國國徽法》,送官究治。

我們看見一些國家領導人或對社會有莫大貢獻的人逝世,如早前在嘉禾大廈火災殉職的兩位消防員,都會在棺木上蓋上國旗,以示尊重。可是,國旗或其圖案決不能在私人喪事活動中展示或使用。商標廣告、日常生活的陳設或布置私人慶弔活動也嚴禁擅用國旗和區旗。任何人違反這些條文也屬違法,除非經行政署長事先批准。



目前,國旗每天都會在行政長官辦公室、行政長官官邸、香港禮賓府、行政會議、終審法院、立法會及設於海外的香港經濟貿易辦事處展示。而在香港國際機場及所有邊境管制及檢查站懸掛的國旗,有著更實際的用途——標示國境範圍。

在某些指定日子,當局亦會在其他政府合署及建築物,如醫院、學校、部門總部、體育及文化場館等地方展示國旗和區旗。該等指定日子為每年國慶日(十月一日)、香港特別行政區成立日(七月一日)和元旦(一月 一日)。

升旗手訪問

認識國旗和區旗的使用範圍及 細節後,有沒有想過自己也能成為 升旗隊的一份子,執行莊嚴而神聖 的任務呢?今次我們邀請了兩位在 升旗隊中負責不同職務的同學接受 計問,與大家分享一下擔任升旗手 的經驗和感受。



記:大家好!歡迎兩位同學接受《 順誌》的訪問。請問兩位為甚 麼會參加升旗隊的工作呢?

邱:說起來也有點「誤打誤撞」, 我是德育及公民教育組的大使 ,自覺沒有甚麼藝術天份,當 不上壁報製作的事,便參加升 旗隊。還記得當初對升旗隊的 工作還是一知半解的。

記:怎樣開始也不太重要,看來大 家頗能各司其職。平日大家也 沒有機會近距離觀察升旗的過 程,可否為大家介紹一下你們 工作的具體情況呢?

王:作為升旗手,最重要的是把旗 準時升到旗杆上,但其實在把 旗升到旗杆前還有一連串的指 定動作。

而除了升旗手外,還有負責出 場時護旗、升旗時候揚旗的護 旗手,就是站在升旗手旁邊的 那一位。另外,為了確保旗幟 可垂直升上旗杆,護旗手一般 也要在升旗的過程中手持旗繩

記:那你們準備升旗禮的過程是怎樣的?當中有甚麼竅門?

王:升旗禮是一個莊嚴的儀式,旗 手必須以尊敬及嚴肅的態度負 責整個升旗禮。

準確度方面,護旗手要於國歌 前奏最後一個音揚起旗幟,而 升旗手則要在國歌完結時剛好 把旗升到上旗杆頂。



王:我認為在學校升旗還好,假若 要到其他地方升旗,我們必場實地練習,因為個別升旗場 實地練習,因為個別升旗場地 的旗台與旗杆與學校的不盡相 同。我最難忘代表香港少由 神團在金紫荊廣場升時正降旗 早上八時正升旗,六時延續 ,我們必須待六時後才能練習



記:記者

王:王梓璇同學 邱:邱慧珊同學 卓:卓少雄老師 創作文章:升旗禮 何志豪

昨天,是國慶紀念日。

今天,是平凡的一天。

廣場上响起一陣響徹雲霄的熟 悉聲音:升國旗,奏國歌!

回過神來,升旗禮早已結束, 人群也開始散去。

軍人還在站著。一些零星的面 孔還在站著,我還在站著。

長江後浪推前浪,一代新人勝舊人。但願中華兒女愛國的熱情, 也如浪花一樣越推越高。此時,我 想所有的退役軍人,也和我一樣, 正在向旗杆敬禮,畢竟我認為

我老了,但我仍是中國的軍人



版四

文踪



有約版三

「語」文



專訪版二

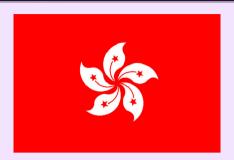
升旗手



是日專題旗海飄揚

版一

旗海·飄揚



大家好!上一回的《順誌》, 我們跟大家分享過有關死亡的文化 , 生死之論確實和我們息息相關, 從中更能窺見中國文化豐富的內涵 。今次我們輕鬆一點,找來一些有 趣的話題和大家一起探討——國旗 。每逢國家的喜慶節日、學校的盛 事,都會以莊嚴肅穆的升旗禮開始 , 屈指一算, 我們在上學期也參加 過不少大大小小的升旗禮,但對於 國旗,我們又知道多少呢?升旗禮 有甚麼注意事項?更重要的是,升 旗禮和我們有甚麼關係?筆者希望 透過今期的專題介紹,讓大家了解 國旗和升旗禮的底蘊。我們也找來 我校的升旗隊成員,跟大家分享一 下他們對執行這項神聖職務的看法

世界上第一面國旗

關於世界上第一面國旗之說眾 說紛云,但其中以丹麥國旗及拉脱 維亞國旗為首面國旗的說法最為普 及。

丹麥國旗

傳說中,丹麥的紅底白十字旗 是世界上第一面國旗,這是最古老 而現在仍在使用中的國旗。1219年 6月15日,丹麥王沃爾德馬二世在 愛沙尼亞打仗,一面紅底白十字旗 從天而降,丹麥王將它當作軍旗使 用,之後便戰勝了敵人。丹麥王把 軍旗視為神賜予權力的証明,其後 將它訂為國旗。

拉脱維亞國旗

有關國旗

國旗是一個國家的象徵圖案,不同的國旗通<mark>過不同的樣式、形狀、</mark> 色彩和圖案展示各國不同歷史、文化背景、民族、地理位置、國教及國 家信念等,並會隨著歷史的變遷作出修改。

國旗大多數是長方形的,並且擁有各自的長闊比例。國際交往促成 了公認的懸掛國旗慣例。各國國旗圖案均由各國憲法規定,如果不同國 家的國旗比例不同,兩面旗幟放在一起,就會顯得大小不一,因此,並 排懸掛不同比例的國旗時,應將其中一面放大或縮小。

有趣的國旗

不少國家的國旗都十分有趣,它們的特殊設計吸引不少人注意,你們曾經看過或認識它們嗎?

最少顏色的國旗--利比亞國旗



這是利比亞國旗,整面國旗只採用 綠色,是世界上最少顏色,也是唯 一單色的國旗。

最多顏色的國旗--南非國旗



這是南非國旗,包含六大基本色彩 ,包括紅、黃、藍、綠、白、黑, 是世界上最多顏色的國旗。

最長的國旗--卡達國旗



這是卡達國旗,長寬比例為二十八 比十一,是全世界最長的國旗。

最短的國旗--瑞士國旗



這是瑞士國旗,這面旗的長寬比例 是一比一的正方形,是世界上最短 的國旗。

最容易畫錯的國旗



這是英國國旗,四條紅斜條有它固 定的位置,不過相信很多人也不留 意,可說是最容易畫錯的國旗。

形狀最特別的國旗



這是尼泊爾國旗,採用雙三角形的 設計,可說是全世界形狀最特殊的 國旗。

國旗顏色的象徵意義

國旗常見的色彩有紅、白、藍、綠、黃、黑六種基本色彩,只有不到 5% 國家的國旗上沒有六種基本色彩。不過相信許多人都不完全明白每種顏色在國旗上表達的意思,故在此稍作介紹。

紅色 革命烈士在國家獨立戰爭時所流的鮮血,亦象徵博愛

白色 純潔、光明與和平,亦象徵平等

藍色 天空、海洋或河流,也象徵自由

綠色 農業或植物;伊斯蘭教的代表色彩 黃色 礦產、財富、太陽光芒或象徵皇室的顏色

黑色 非洲有黑色大陸之稱,故常代表非洲或黑人



法國國旗是 一面影響深遠的 三色旗。除了影 響其他國家的國



旗設計外,還成為某個行業的象徵,究竟是哪一個行業呢?

提到旋轉的彩色燈筒,相信大 家都聯想到理髮店,而且燈筒包含 藍、白、紅三色,其實這是源自法 國國旗的。

大戰結束後,法國為丹基倫舉 行了國葬,遺體安置在巴黎萬國紀 念堂裡。後來,法國的理髮店紛紛

掛紅紀的。,髮並,幾的上燈念愛久便廳遍所乎理了筒理國而成的傳以全髮藍,髮事久了習各現世廳白以師蹟之理俗國在界門



口都有這個光榮的標誌。