Information Security Starts from Me Comic Booklet

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Introduction

       The Office of the Government Chief Information Officer (OGCIO) has been vigorously promoting and enhancing information security awareness of different sectors of the community. Besides the InfoSec website (www.infosec.gov.hk) which serves as a one-stop portal to facilitate public access to various kinds of information security resources and updates, OGCIO also launched the thematic Cyber Security Information Portal (www.cybersecurity.hk) in January 2015. The portal provides guidelines and information on cyber security tools for general users, small and medium-sized enterprises, and schools to conduct health checks on computers, mobile communications devices and websites, and gives practical advice for enterprises and the public to understand more about the potential security risks in the cyber world and take precautions against cyber attacks.

OGCIO also continues collaborating with the industry, academia, and professional organisations to organise education and promotion programmes related to IT security. From June to September 2014, OGCIO, the Hong Kong Police Force and the Hong Kong Computer Emergency Response Team Coordination Centre jointly organised the "Information Security Starts from Me" 4-Panel Comic Drawing Contest in contest groups, namely the Open Group, Secondary School Group and Primary School Group.

       This booklet collects the winning entries of the groups with some practical cyber security tips. Readers can learn more about information security risks and the preventive measures while enjoying the comics.

Beware of Hackers

Do not fall prey to online lucky draws

Huang Zu Ying
Lung Cheung Government Secondary School

Cyber Security Tips

Fraudsters may claim to offer gifts via SMS, email or instant messaging, etc. to acquire personal data. To prevent from being deceived, users should stay vigilant at all times and assess whether the senders are trustworthy and the contents are authentic.
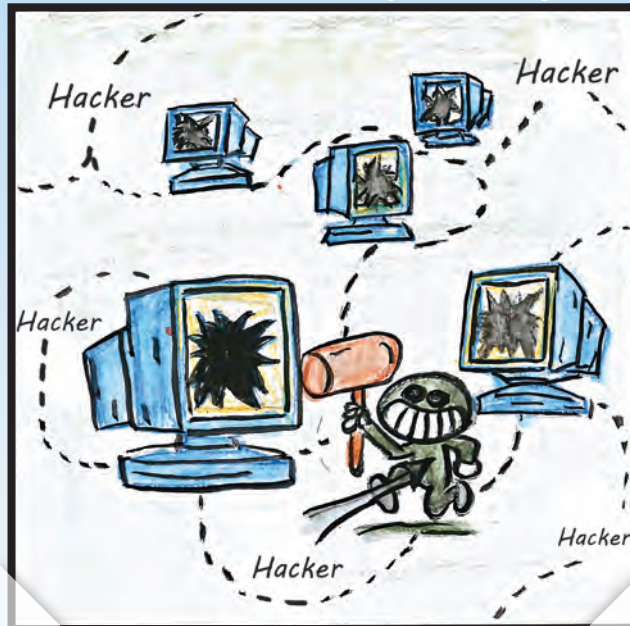
Beware of Hackers

Chan Chin Wing
Heep Yunn Primary School

Overlook something important

Panel 1:
Set password — Password
Wi-Fi security
Safe online activity
Internet security
mobile device security
cloud computing encryption
Safe, Safe, Safe
data encryption
file encryption

Panel 2:
Hacker
Hacker
Hacker
Hacker
Hacker

Panel 3:
Hacked
Oh! My account got hacked again!

Panel 4:
Yesterday...
Not yet logged out ...
Public computer at coffee shop

Cyber Security Tips

Fraudsters may install malware such as Trojan horses in public computers. Users should avoid using public computers to process sensitive data and perform online banking transactions etc.
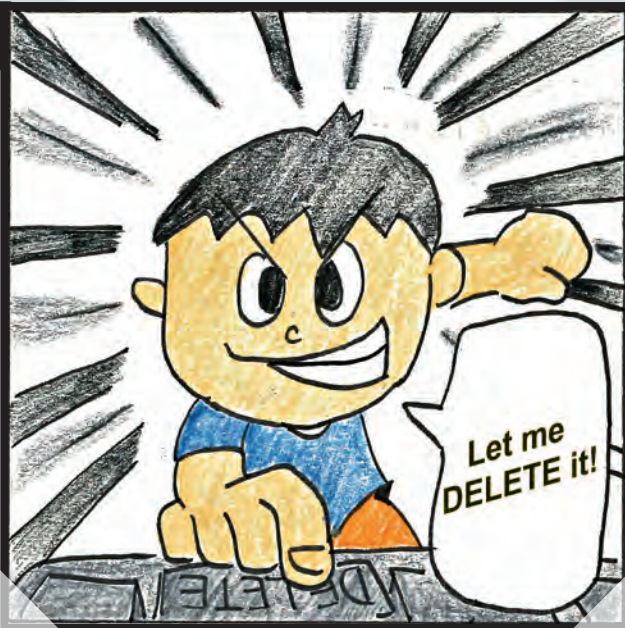
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Beware of Hackers

Email pitfalls

Wong Chuek Nam, Jeffrey
Tsuen Wan Government Primary School

Cyber Security Tips

Electronic spams may contain fraudulent contents, attachments containing malware or suspicious links. The simplest and effective way to deal with them is not to make any reply, and delete them all.
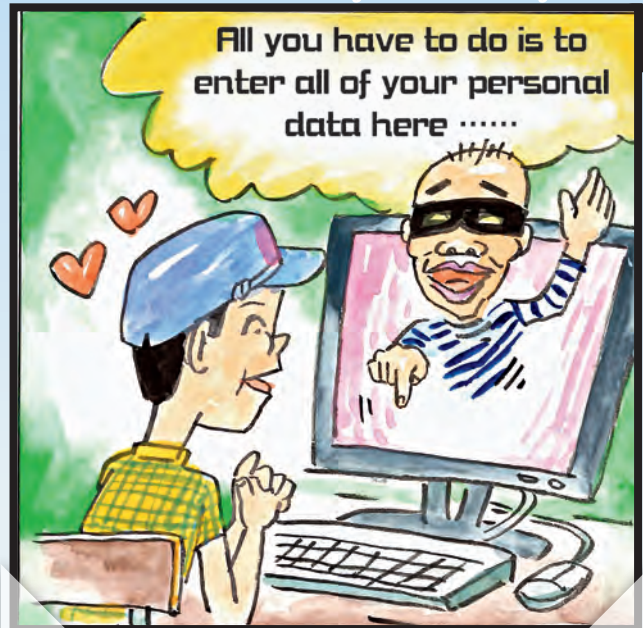
Beware of Hackers

Beware of deceptions

Chan Abraham Nicholas Kwun Tai
Diocesan Boys' School Primary Division

Panel 1: Congratulations! You win a BIG prize! Wow!

Panel 2: All you have to do is to enter all of your personal data here ......

Panel 3: Yes! Great!

Panel 4: Never do that! Beware of being cheated!

Cyber Security Tips

To mitigate the risks of computers and mobile devices being hacked, users should not visit suspicious websites or click on links from unknown sources because malware may be downloaded onto the computing devices without users' knowledge.

Beware of Hackers

Cyber security is very important; negligence can lead to personal loss

Yip Tsz Yan
Hong Kong and Macau Lutheran Church Primary School

Cyber Security Tips

Simple passwords are easy to crack. To mitigate the risks of online accounts being hacked, users should use strong passwords and change them regularly. Different passwords should be used for different accounts.
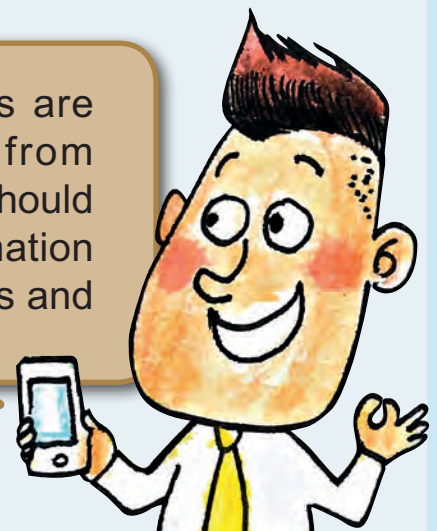
Beware of Hackers

Let's work hand-in-hand to ensure information security

Chor Wing Cheung

1. I have installed security software in my mobile phone.

2. I have set my social networking account to allow only my friends to read.

3. I have enabled the encryption function in my Wi-Fi router.

4. Proper security measures have been taken by everyone ... No more chance for us!

Preserved beancurd

Cyber Security Tips

Personal computers and mobile devices are widely used in our daily lives. Apart from adopting basic security measures, users should keep abreast of the latest security information to understand the emerging security threats and related defensive techniques.

Incurable

Tam Chin Hang
Wah Yan College, Kowloon

Panel 1: Oh No! Halting again!

Panel 2: Didn't I tell you to install antivirus software?

Panel 3: Of course I did ... BUT ...

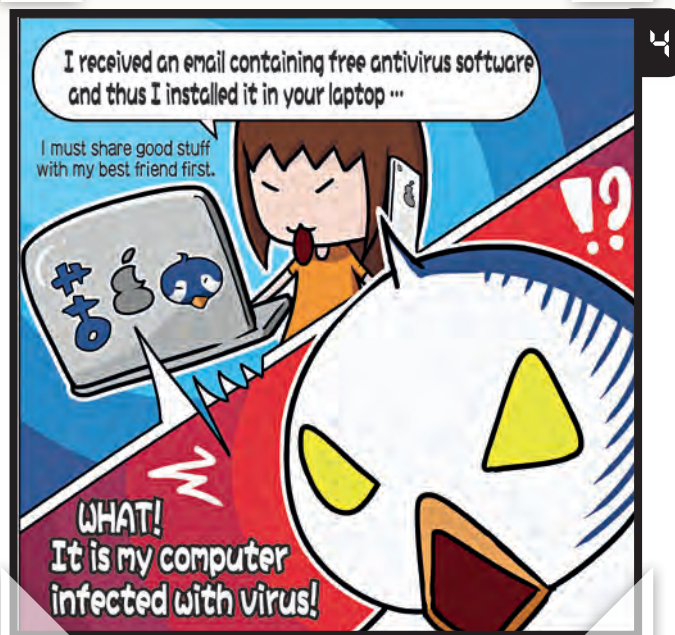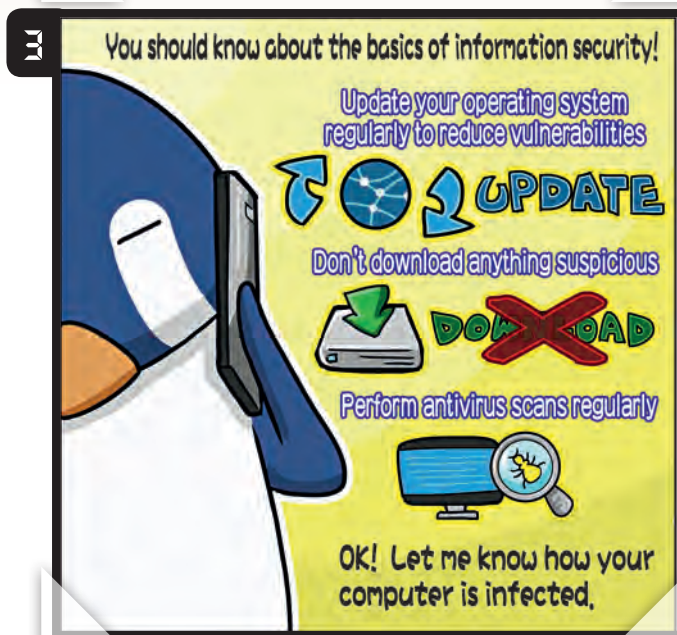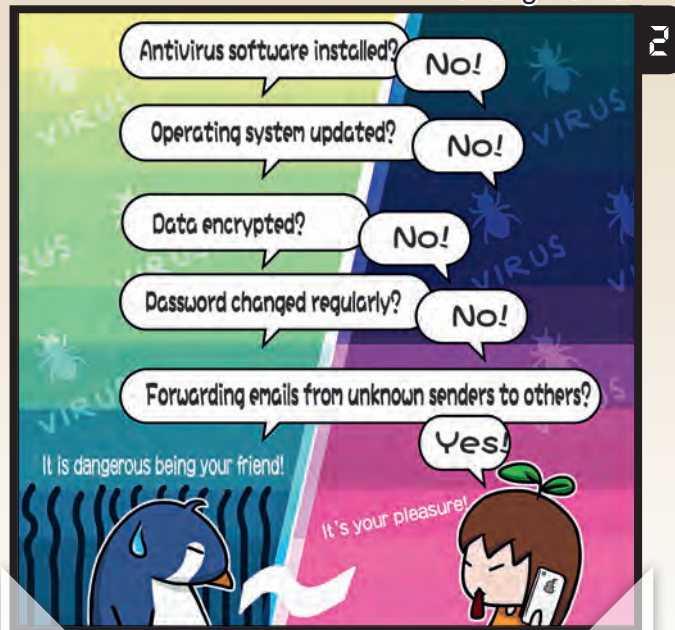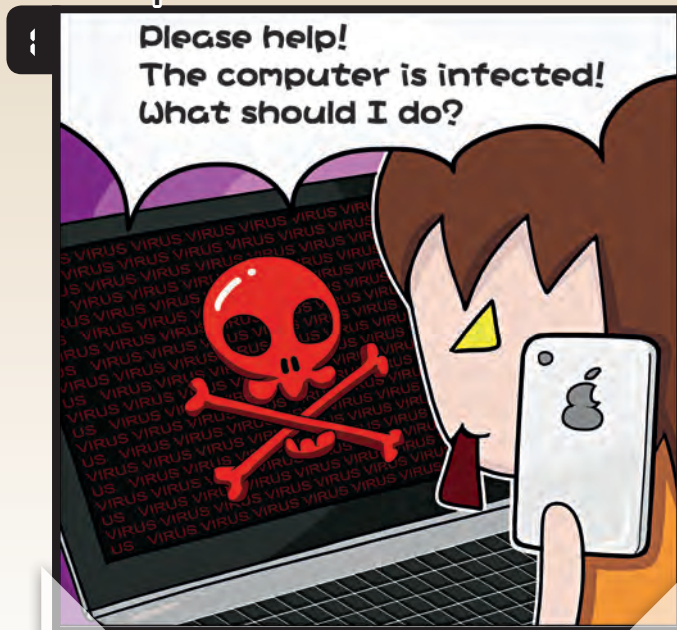**Panel 4:** It was **pirated** software!

Cyber Security Tips

Pirated software not only infringes copyright, but also lacks security updates, patches and support services. It may also contain hidden malicious codes. Users should avoid downloading or installing any games or applications through unofficial channels.

Protection against Malicious Software

Computer infected

Chung Ho Kuk

Panel 1: Please help! The computer is infected! What should I do?

Panel 2:
- Antivirus software installed? — No!
- Operating system updated? — No!
- Data encrypted? — No!
- Password changed regularly? — No!
- Forwarding emails from unknown senders to others? — Yes!

It is dangerous being your friend!

It's your pleasure!

Panel 3: You should know about the basics of information security!

Update your operating system regularly to reduce vulnerabilities

UPDATE

Don't download anything suspicious

DOWNLOAD

Perform antivirus scans regularly

OK! Let me know how your computer is infected.

Panel 4: I received an email containing free antivirus software and thus I installed it in your laptop …

I must share good stuff with my best friend first.

WHAT! It is my computer infected with virus!

Cyber Security Tips

Users should always be vigilant and avoid using any software from dubious sources. Users should also beware of fake anti-malware software and bogus pop-up security warnings as they are common tricks to entice users to download malware onto their computers.
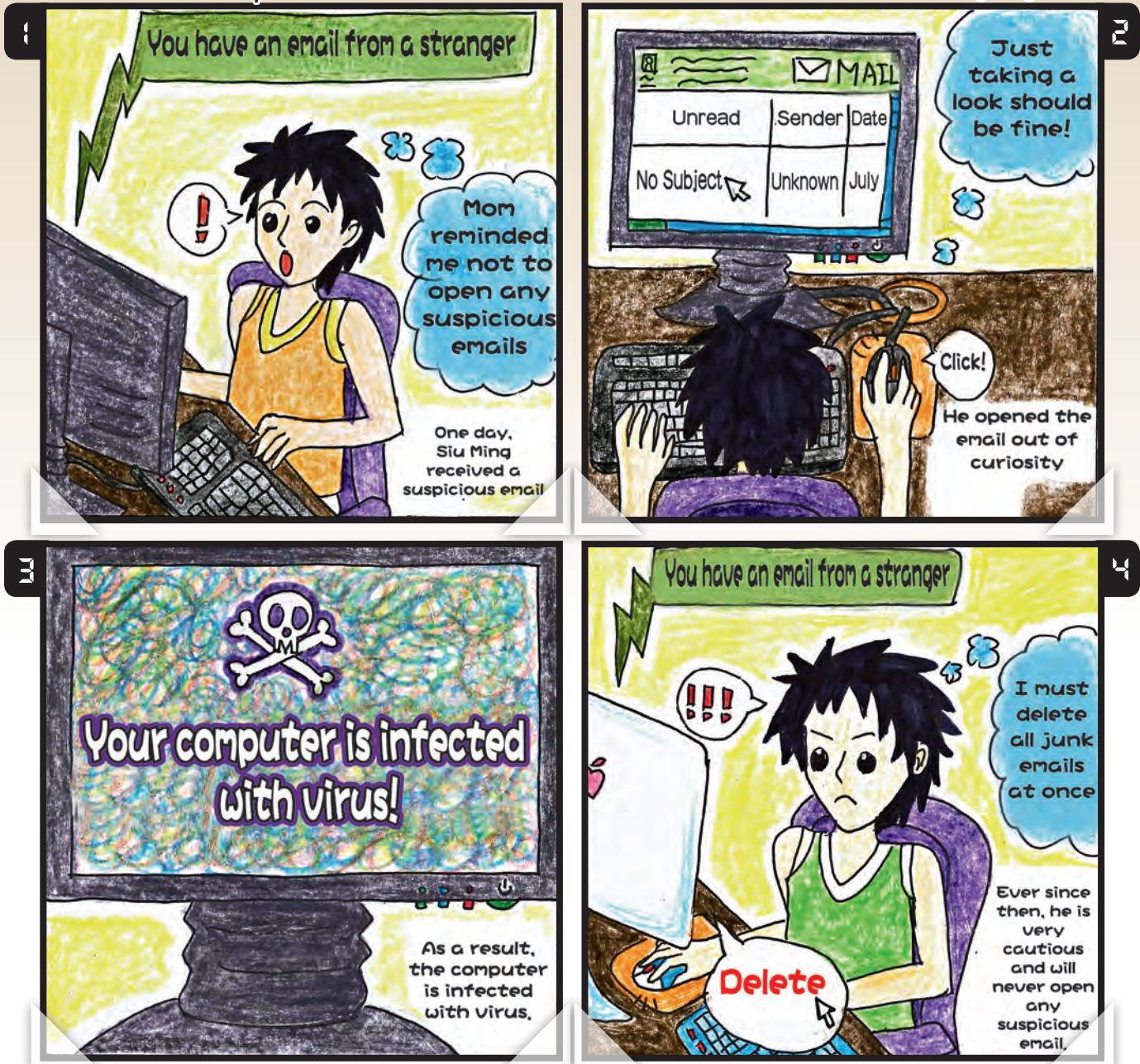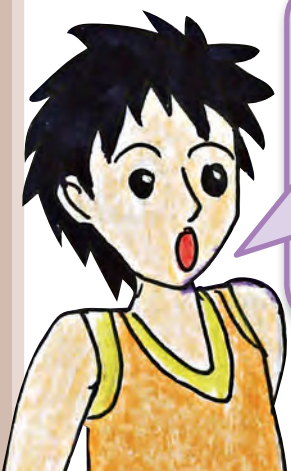
Protection against Malicious Software

Beware of suspicious emails

Fung Ka Lok
Kwong Ming School

Cyber Security Tips

Users may use the anti-spam feature provided by service providers or install email filtering software to filter out spam emails. Besides, if users do not wish to receive commercial electronic messages from particular senders, they may make an "unsubscribe request" to the senders.
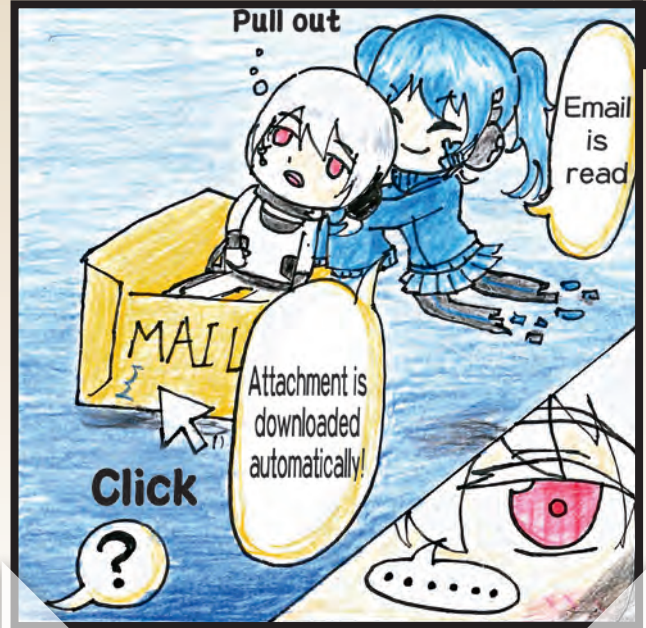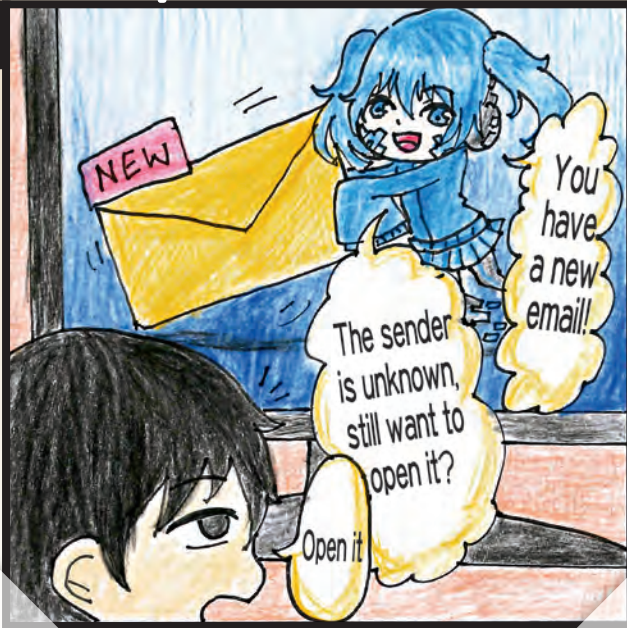
Protection against Malicious Software

Tsang Pui Ki
Tin Ka Ping Secondary School

Do not open emails from unknown sources

Cyber Security Tips

Users should enable the automatic update feature in anti-malware software to access updated software and its definition files. Users should also enable the real-time protection feature to perform virus scans on emails and their attachments.
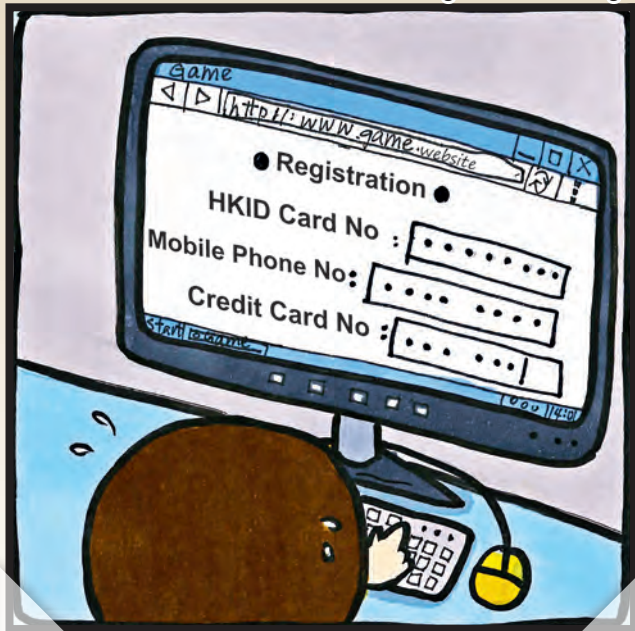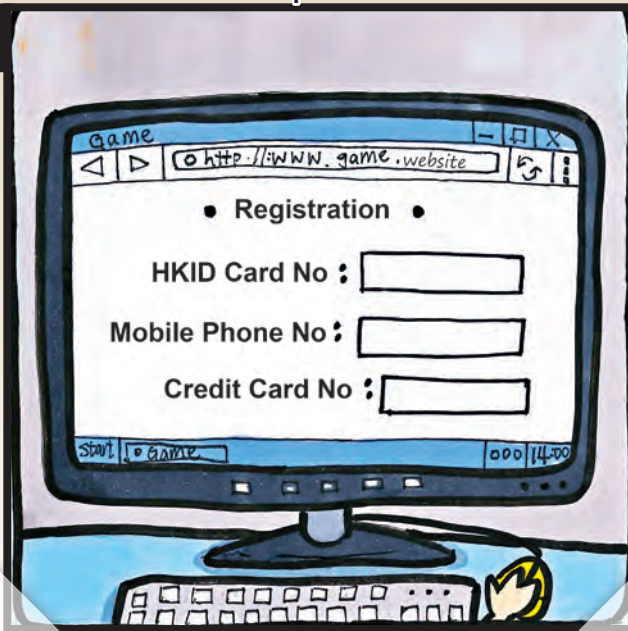
Protection against Malicious Software

Do not disclose personal data

Chan Ting Yan
Shun Tak Fraternal Association Leung Kau Kui College

1. *game* — Registration — HKID Card No: [ ] Mobile Phone No: [ ] Credit Card No: [ ]

2. http://www.game.website — Registration — HKID Card No: [ ] Mobile Phone No: [ ] Credit Card No: [ ]

3. Do not disclose personal data casually.

4. To prevent your personal data from being stolen, you should never disclose your personal data!

Right On!

Cyber Security Tips

Many websites will collect personal data. Users should read the website's security and privacy policy carefully to ensure that the personal data they provided is properly protected and used.

Self Defence for Cyber Security

A warm reminder — Beware of hackers

Wong Wang Tik
Tak Sun School

1. Kids, I am Master Kwan and used to play online games ... BUT!

2. All my weapons were stolen!

3. Listen! Beware of password leak! Don't share your online accounts with others! Be cautious of online weapon transactions with strangers!

4. It is better ... not playing online games!

Oh Please!

Pow! Pow!

Cyber Security Tips

Online game players should protect their online accounts and game assets properly. They should be beware of deceptions when purchasing, selling or lending "accounts", "roles", "props" or "instruments".

Ko Yi Lam, Elaine
St Francis' Canossian College

Self Defence for Cyber Security

Information security in place to strengthen online safety

Panel 1:
What bring you guys to court?
Your Honour, all cases are related to information security
Private photos leaked
Computer is out of order
Online account stolen

Panel 2:
Go and arrest the suspects!
Yes, your Honour!

Panel 3:
Well ...
Let's figure out what we can do!
Boss! Internet world is boundless, how to proceed?

Panel 4:
Set password
Install antivirus software
Secure wireless network
Blog with care
Make regular backup
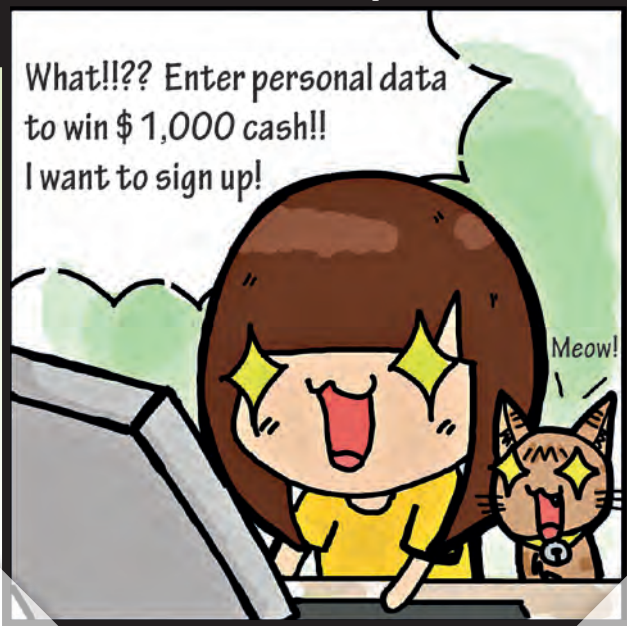Listen up! Cyber security starts from everyone of us

Cyber Security Tips

While making online payments, users should check whether a padlock icon and the URL beginning with "https" are shown on the Internet browser to ensure that sensitive information is encrypted during online transmission.

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Smart verification to prevent data theft

Wong Yuen Lam

1

What!!?? Enter personal data to win $1,000 cash!! I want to sign up!

Meow!

2

!!!

3

What's up !!

Meow!!!

4

It is **very dangerous** to enter personal data without verifying the website!!

I will never do that again

...

Cyber Security Tips

User should exercise extra care when submitting sensitive personal or user account information. Banks and financial institutions seldom ask for personal or user account information. Submitting personal data online without verifying the authenticity of web pages may incur financial loss.
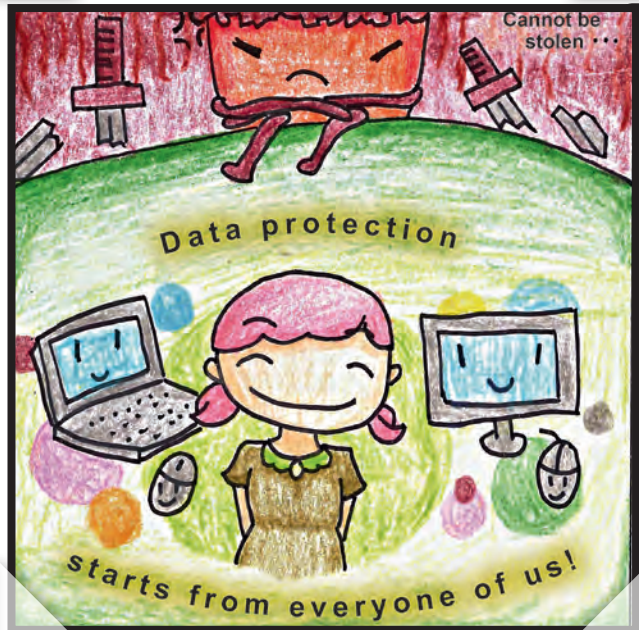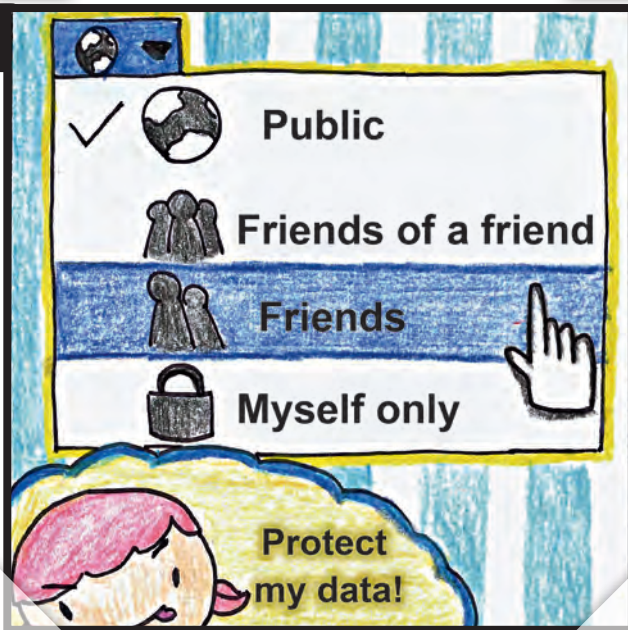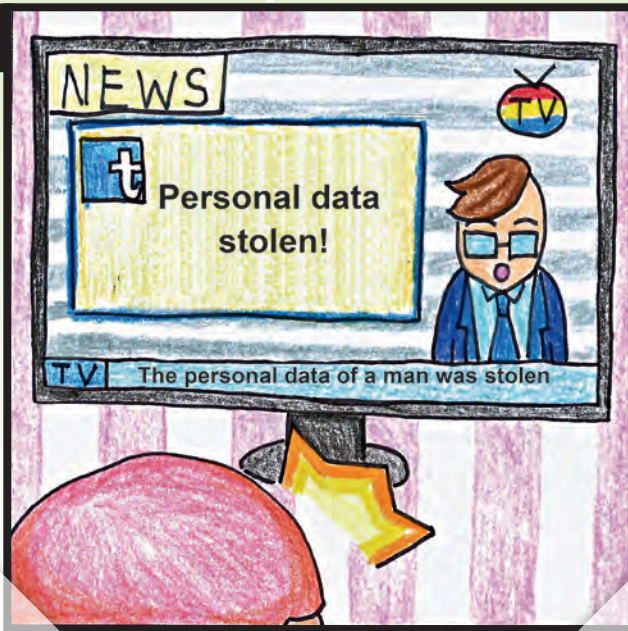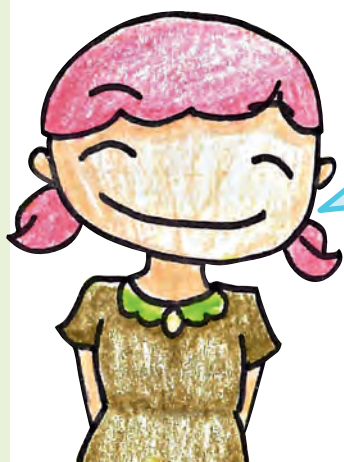
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Self Defence for Cyber Security

Personal data protection starts from you

Tsui Yuen Yi
NLSI Lui Kwok Pat Fong College

Cyber Security Tips

When subscribing to email and social networking services, users should choose reliable service providers which are able to offer sufficient security protection. Users should also use strong passwords and adopt the security measures offered by the service providers as far as possible.

Self Defence for Cyber Security

You can't see me?!

Leung Ka Ki
AD & FD POHL Mrs Cheng Yam On School

Cyber Security Tips

Users should configure the privacy settings of their social networking accounts properly to avoid sharing personal data to all. Besides, when posting information of your friends online, you should carefully select the information, protect your friends' privacy and consider their feelings.
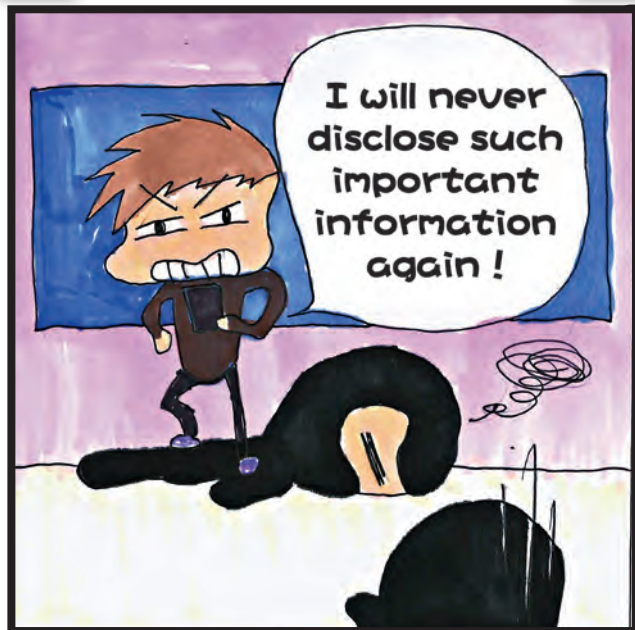
Self Defence for Cyber Security

Personal data should be protected

Chan Kit Ying
Assembly of God Hebron Secondary School

1 Is this him?

$ = $

a rich boy

2 Definitely! The address that he posted on the social networking site is indeed here!

Let's break in then!

Address
Recent photo

3 How can this be!

4 I will never disclose such important information again!

Cyber Security Tips

There were cases in foreign countries that burglars knew from social networking sites when the users were away from home and then broke into their houses. Therefore, users should be careful about the information to be shared via social networking sites to avoid disclosing too much personal data.

Self Defence for Cyber Security

Avoid clicking URLs in suspicious emails

Lo Sze Yee, Joanna
Creative Primary School

Panel 1: Siu On, there is an email with only a URL and nothing else ... so strange!

Panel 2: Siu Fan, don't click on any **suspicious** URL!

Panel 3: If you did, your personal data and money could be stolen by others.

Panel 4: Oh NO! Have to fix your computer again!

Oh! I did click on it and my computer is indeed infected with virus!

Cyber Security Tips

In many email scam cases, fraudsters can hack into victims' or their partners' email accounts to send out fraudulent emails asking the victims to remit money or buy game cards. Upon receiving any suspicious emails, users should verify the identity of the senders and the authenticity of the requests by means of telephone call so as to prevent themselves from being deceived.
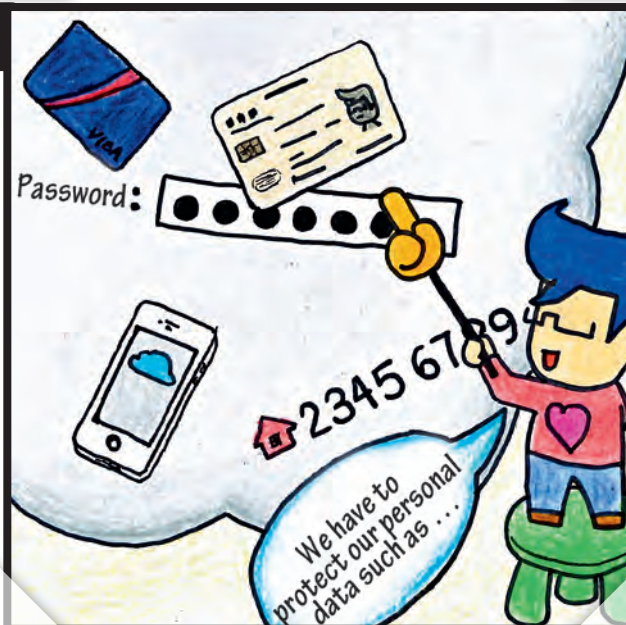
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Self Defence for Cyber Security

Beware of Internet scams
Protect your personal data

Yiu Chin Cheung
St. Joseph's College

1 — Congratulations! You win a prize! HKID Card No: — *Great! I win a prize.*

2 — Open Sesame... — My HKID card no.... — Wait a minute!

3 — Password: — 2345 6789 — *We have to protect our personal data such as...*

4 — Have you listened to me? — ~ZZZ...

Cyber Security Tips

The impact of cyber security incidents can be very serious, including data loss, personal data leak, and financial loss. Users should be vigilant at all times and get prepared for security incidents, such as backing up data regularly.

![網絡安全資訊站 www.cybersecurity.hk]
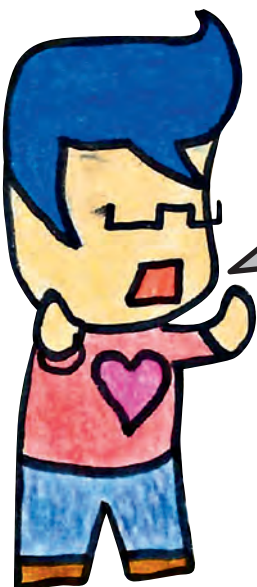
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☑ 安全中心

為電腦及流動裝置
進行安全檢測

🎓 學習天地

學習資訊保安守則
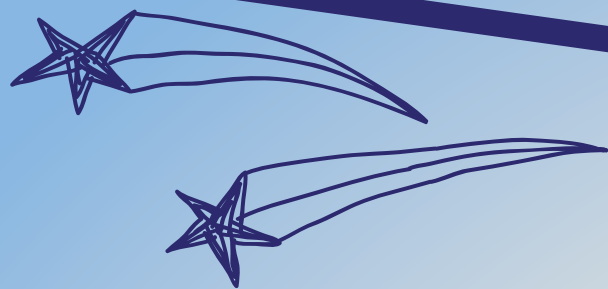安全漫遊網上世界

👤 專家的話

資訊保安專家分享寶貴經驗

🖥 亮點活動

參與資訊保安相關活動

📄 媒體中心

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