

# TOPICS

- The current state of ICT technologies (i.e. Web 1.0, 2.0, 3.0, convergent technologies, social mobile and assistive media)
- Online systems, functions, and platforms
- Online safety, security, ethics, and etiquette
- Contextualized online search and research skills

# LEARNING COMPETENCIES

- Compare and contrast the nuances of varied online platforms, sites, and content to best achieve specific class objectives or address situational challenges
- Apply online safety, security, ethics and etiquette standards and practice in the use of ICTs as it would relate to their specific professional tracks
- Use the internet as a tool for credible research and information gathering to best achieve specific class objectives or address situational challenges

# ONLINE SAFETY

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- Internet safety or online safety is the security of people and their information when using the internet.
- simply means protecting your personal information while online



**INTERNET**



**SAFETY**



**Be smart on the  
internet**

**S**

**SAFE**

Keep safe by being careful not to give out personal information – such as your full name, email address, phone number, home address, photos or school name – to people you are chatting with online.



**M**

**MEETING**

Meeting someone you have only been in touch with online can be dangerous. Only do so with your parents' or carers' permission and even then only when they can be present.



**a**

# ACCEPTING

Accepting emails, IM messages, or opening files, pictures or texts from people you don't know or trust can lead to problems – they may contain viruses or nasty messages!



**r**

# RELIABLE

Information you find on the internet may not be true, or someone online may be lying about who they are.



**t**

# TELL

Tell your parent, carer or a trusted adult if someone or something makes you feel uncomfortable or worried, or if you or someone you know is being bullied online.

You can report online abuse to the police at [www.thinkuknow.co.uk](http://www.thinkuknow.co.uk)





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**THINK  
U  
KNOW  
CO.UK**

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I  
**STOP**  
*BEFORE*  
I  
**DOWNLOAD.**



STOP | THINK | CONNECT™

[www.STOPTHINKCONNECT.ORG](http://www.STOPTHINKCONNECT.ORG) |  



I  
*think*  
**BEFORE I**  
*click.*



STOP | THINK | CONNECT™

[www.STOPTHINKCONNECT.ORG](http://www.STOPTHINKCONNECT.ORG) |  



MY PASSWORD  
MIXES  
**LeTtERs**  
**#umbers**  
**AND**  
**\$ymbol!#**



STOP | THINK | CONNECT™

[www.STOPTHINKCONNECT.ORG](http://www.STOPTHINKCONNECT.ORG) |  

<http://www.scholastic.com/parents/resources/article/your-child-technology/5-internet-safety-tips-tweens-and-teens>



**Buy Safe** ✓  
**Trusted Seller**



# TIPS FOR SAFE ONLINE SHOPPING IN THE PHILIPPINES



## □ **Trust only the trusted**

- goes for both the website and the brand
- trust only the widely-known and established online shopping firms
- If going on for some unknown shops on Instagram and Facebook, stalk, look for proof of transactions or reviews from their previous customers

# TIPS FOR SAFE ONLINE SHOPPING IN THE PHILIPPINES

- **Look for the lock**

- encrypts information so that the data can be kept private and protected



https://

# TIPS FOR SAFE ONLINE SHOPPING IN THE PHILIPPINES

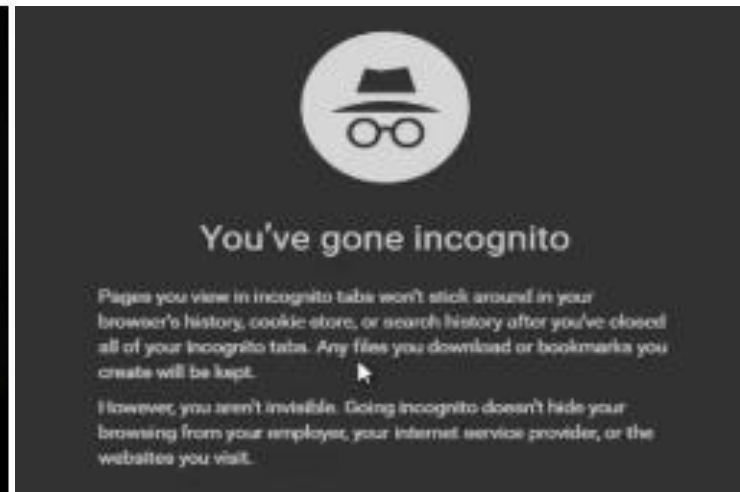
- ❑ **Don't give all your information**
  - ❑ limit the information you'll put online



# TIPS FOR SAFE ONLINE SHOPPING IN THE PHILIPPINES

## ❑ **Avoid public computers**

- ❑ recommended to use your own device to maximize your protection
- ❑ If you really insist, make sure to log out all your accounts or browse in private by using incognito feature on your browser







# VIRUS DISSEMINATION

## □ VIRUS

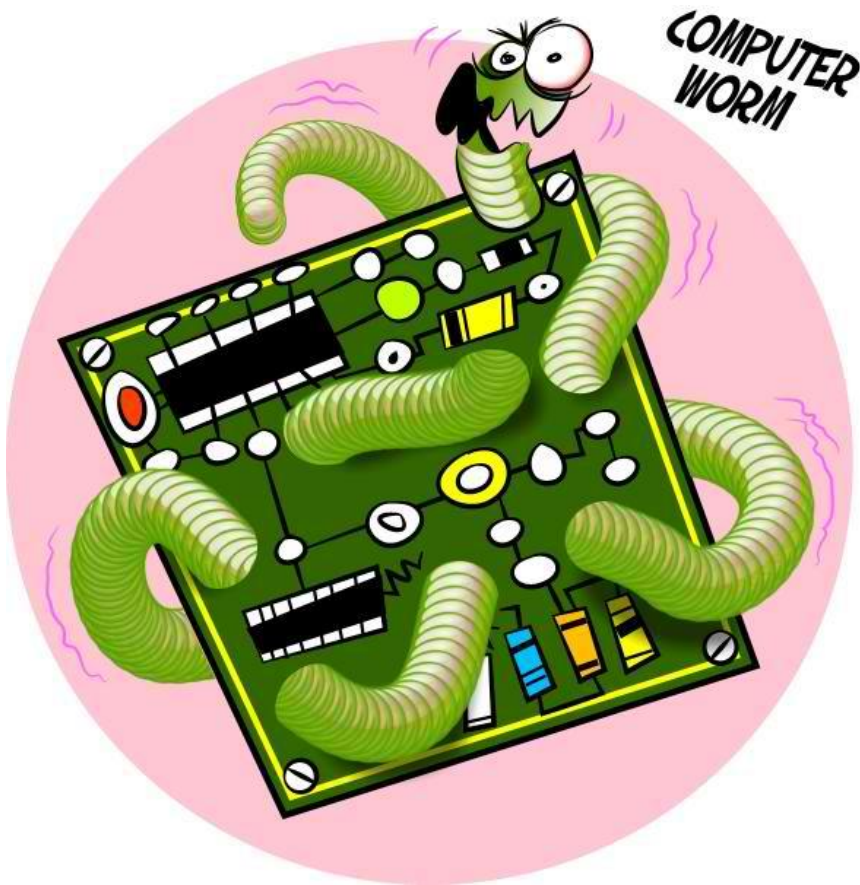
- attach themselves to files or programs; most come attached to an executable file

- *computer virus cannot spread without the human action*

- *loves to delete files from your computer*



# VIRUS DISSEMINATION



## □ WORMS

- doesn't delete anything
- ability to copy itself or replicate from machine to machine *without the human action*
- slows down your computer

# VIRUS DISSEMINATION

## □ TROJAN HORSE

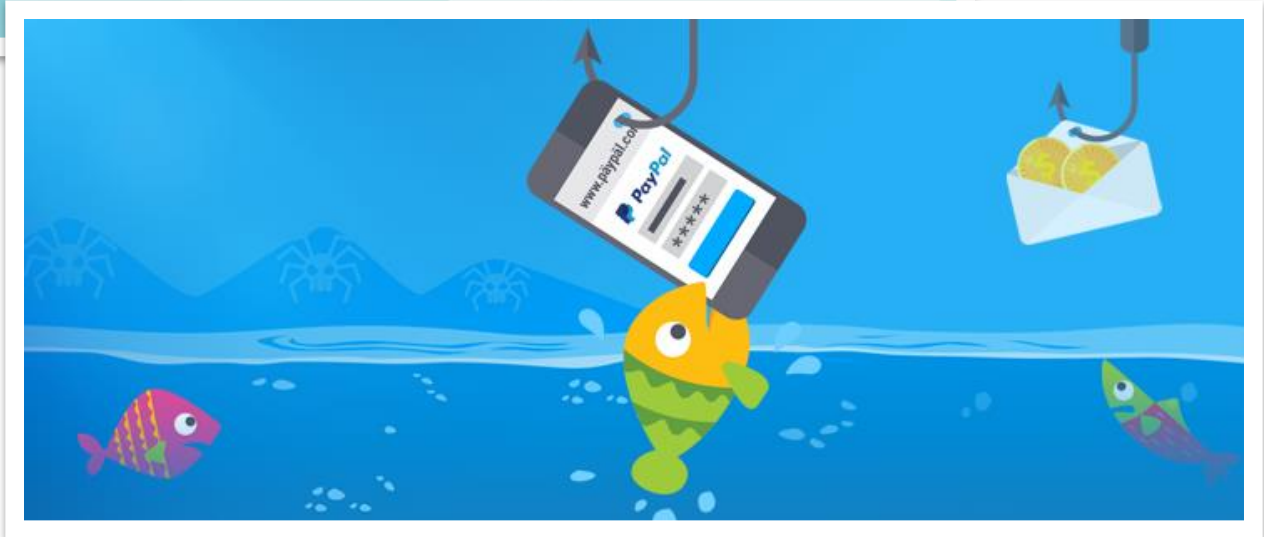
- looks like a normal application and carries the virus inside



can make annoying changes to your computer, or they can go through and delete your files

- create a backdoor gives malicious user to access information

DO  
NOT  
FEED the  
PHISH



# PHISHING

- By analogy with the sport of angling (*the sport or pastime of fishing with a rod and line*), these Internet scammers were using e-mail lures (*attract fish to attach themselves to your hook*), setting out hooks to “fish” for passwords and financial data from the “sea” of Internet users.
- Hackers replace the letter f with ph, a nod to the original form of hacking known as phone phreaking.

# PHISHING

- attack often used to steal user data, including login credentials and credit card numbers
- occurs when an attacker, masquerading as a trusted entity, dupes a victim into opening an email, instant message or text message
- results includes unauthorized purchases, the stealing of funds, or identity theft
- *Ang phishing ay isang uri ng online na panloloko kung saan sinusubukan ng isang taong linlangin ang biktima sa paglahad ng mga sensitibong detalye katulad ng isang username, password o mga detalye ng credit card, sa pamamagitan ng pagpapanggap bilang mapagkakatiwalaang entity sa isang elektronikong pakikipag ugnayan.*



**PHARMING:**

**PayPal**

**Please Update Your Account**

Dear valued **PayPal** member:

It has come to our attention that your **PayPal** account information needs to be updated as part of our continuing commitment to protect your account and to reduce the instance of fraud on our website. If you could please take a few minutes out of your online experience and update your personal records, we can help you not run into any future problems with the online services.

A failure to update your records will result in account suspension. Please update your records on or before **JUN30, 2016**



# PHARMING

- attack will redirect the victim to the fake website (an attacker website) even though the victim enters the correct address for the legitimate website
- Example: The victim intends to access `www.twitter.com`, so he writes the right URL to the browser, the URL will still be `www.twitter.com`, but he will surf the fake website instead.



**Netiquette**

# NETIQUETTE

- is network  
etiquette, the do's  
and don'ts of online  
communication.



# 10 BEST RULES OF NETIQUETTE



## 1. *The Golden Rule.*

- treat others as you would like to be treated.

# 10 BEST RULES OF NETIQUETTE

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## 2. *NO Flaming*

FLAME – is a personal insult communicated through the internet.

- watch your *posts* or *comments*



# 10 BEST RULES OF NETIQUETTE



**Comment 1: So annoying shot!! Loser! LOL**

**Comment 2: WHY WEAR A SHADES? MATAAS BA ANG ARAW? HAHAHAAAAHA! FUNNY!**



likes a link.



**SICK!** I lost all respect  
**this video!**  
[shockingmiley.com](http://shockingmiley.com)



about an hour ago · Like · Comm



# 10 BEST RULES OF NETIQUETTE

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## 3. *Don't Type in ALL CAPS*

- people may misinterpret it.

# 10 BEST RULES OF NETIQUETTE



**Comment 1: So annoying shot!! Loser! LOL**

**Comment 2: WHY WEAR A SHADES? MATAAS BA ANG ARAW? HAHAHAAAAHA! FUNNY!**





# 10 BEST RULES OF NETIQUETTE

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# 10 BEST RULES OF NETIQUETTE

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## 4. *Don't Spam*

SPAM- it is any unsolicited email from unknown sources.



SPAM CONTACTS We have something ... AUTO-REPLY: Appli... BEST PRICE ON AL...

Compose Delete Move Not Spam Actions

- Inbox (999+)
Conversations
Drafts (38)
Sent
Spam (7)
Trash
FOLDERS
MESSENGER
APPLICATIONS

We have something special for you this spring month, namely our special super...
From Canadian-Pharmacy
To thrina\_008@yahoo.com

Pharomney.net

Table with 2 columns: Medication Name, Price. Includes Viagra (\$1.85), Cialis (\$1.75), Cialis Soft Tabs (\$2.50), Levitra (\$2.50), Propecia (\$0.52). Includes '(65+) See more...' link.

Table with 2 columns: Medication Name, Price. Includes Acomplia (\$1.81), Clomid (\$0.45), Deflucan (\$0.72), Female Cialis (\$1.11), Female Viagra (\$0.97). Includes '(45+) See more...' link.

Antibiotics

Painkillers

Create a facebook profile Sign In Today for

# 10 BEST RULES OF NETIQUETTE

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***5. Don't talk with people you do not know***

**- do not arrange to meet anyone you meet online**

# 10 BEST RULES OF NETIQUETTE

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Unknown User: Hi! How are you?

You: I'm fine. You?

Unknown User: Can I have your phone number?

You: 091774\*\*\*\*\*

# 10 BEST RULES OF NETIQUETTE

## NETIQUETTE

### 6. *Obey Copyright Laws*

- don't steal someone else's idea, property, and rights.

# 10 BEST RULES OF NETIQUETTE



## *7. Use Proper Grammar and Spelling*

- errors diminish the credibility of the message

# 10 BEST RULES OF NETIQUETTE

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Example: I leik these  
pecture so very nyss. Lol

# 10 BEST RULES OF NETIQUETTE

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## 8. *Be HONEST / Be Yourself*

- tell the truth
- do not pretend to be someone else.



# 10 BEST RULES OF NETIQUETTE

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## 9. *Follow the TOS*

TOS – Terms of Service

- rules and policy of the sites.

# 10 BEST RULES OF NETIQUETTE

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## 10. *Shop Secure Sites*

- these are sites with Transport Layer Security (TLS) or Socket Layer Security (SLS)

File Edit View History Bookmarks Tools Help

fb Welcome to Facebook - Log In, Sign Up or L... +

←  https://www.facebook.com

File Edit View History Bookmarks Tools Help


fb Welcome to Facebook - Log In, Sign Up or L... +

←  https://www.facebook.com

# facebook

## Introducing Graph Search

Find more of what you're looking for

Magnifier Settings 

S  
It's



# Written Work # 2

# Written Work # 2

## Online safety, security, ethics, and etiquette

1. It simply means protecting your personal information while online.
2. It is the do's and don'ts of online communication.
3. It is any unsolicited email from unknown sources.
4. It is personal insult communicated online.
5. It is a form of attack that will redirect the victim to the fake website .

# Written Work # 2

## Online safety, security, ethics, and etiquette

6. It is a form of attack often used to steal user data, including login credentials and credit card numbers.
7. It cannot spread without the human action
8. It doesn't delete anything.
9. It is a browsing mode within Chrome that deleted browsing history.
10. It creates a backdoor that gives malicious user to access information.





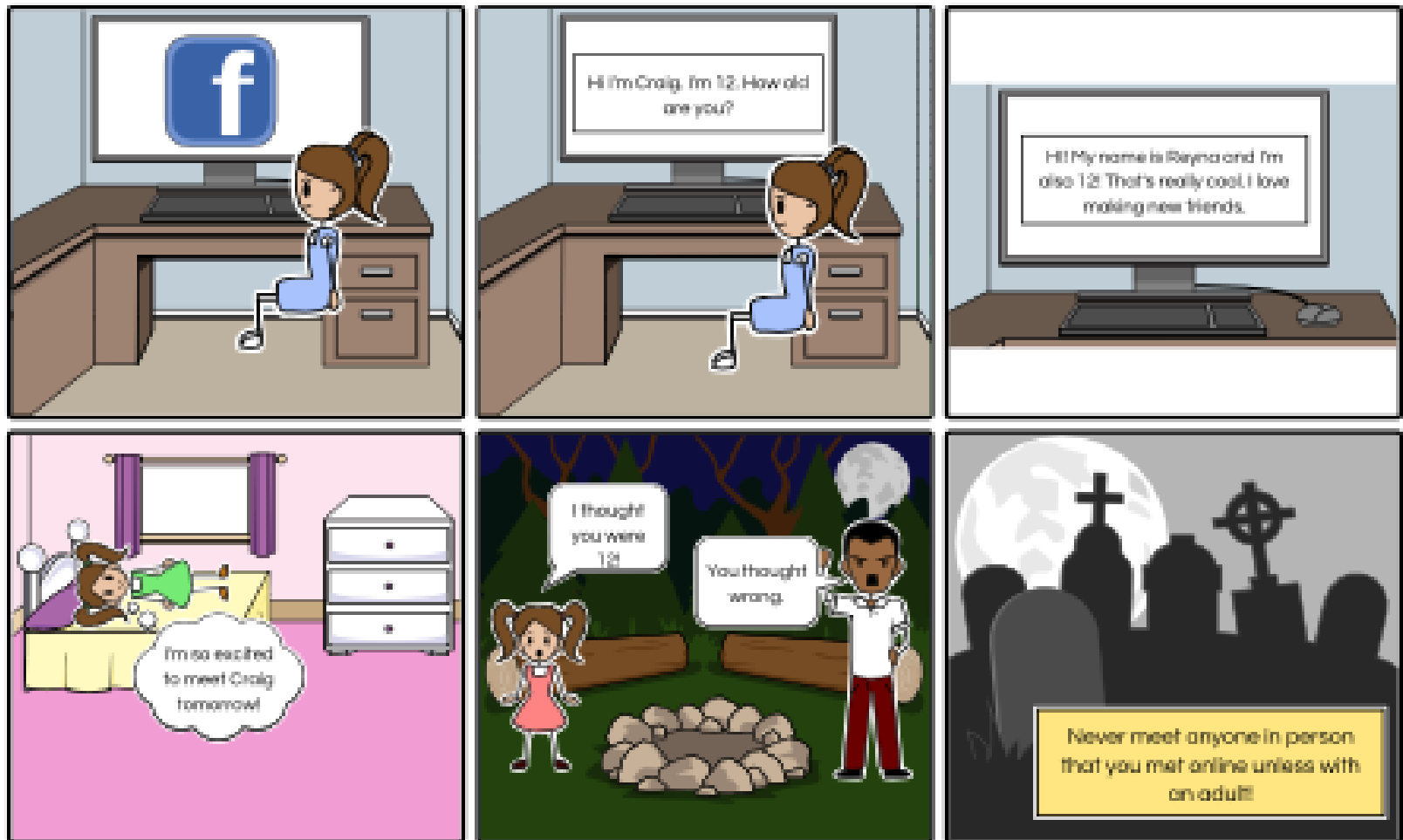
# KEY TO CORRECTION

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1. Online or Internet Safety
2. Netiquette
3. Spam
4. Flame
5. Pharming
6. Phishing
7. Virus
8. Worm
9. Incognito
10. Trojan Horse

# PERFORMANCE TASK # 1

- Choose one netiquette and create a comic strip.



1. ***The Golden Rule.***
2. ***NO Flaming***
3. ***Don't Type in ALL CAPS***
4. ***Don't Spam***
5. ***Don't talk with people you do not know***
6. ***Obey Copyright Laws***
7. ***Use Proper Grammar and Spelling***
8. ***Be HONEST / Be Yourself***
9. ***Follow the TOS***
10. ***Shop Secure Sites***