

# Internet Security Basics

## 互联网安全基础

John C. Haines Elementary School  
PAC Meeting 12-4-2020

# Hello!

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网计划



# CBCAC

- Voter education
- Census & redistricting
- COVID-19 hotline & care packages
- Collecting data on Chinatown
- Community meetings
- Youth Group
- Providing & fighting for language access
- Advocating for Chinatown library & high school

# 华埠更好团结联盟

- 选民教育
- 人口普查和重新划分
- COVID-19热线和护理套餐
- 收集唐人街的数据
- 社区会议
- 青年组
- 提供和争取语言访问权限
- 倡导唐人街图书馆和高中



**Coalition For A Better  
Chinese American  
Community** 華埠更好團結聯盟

If you need help with any of these things here is my email and phone number.

如果您需要任何这些方面的帮助，这里是我的电子邮件和电话号码。

[vivianzhang@cbcacchicago.org](mailto:vivianzhang@cbcacchicago.org)

312-761-9860



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Coalition For A Better  
Chinese American  
Community 華埠更好團結聯盟

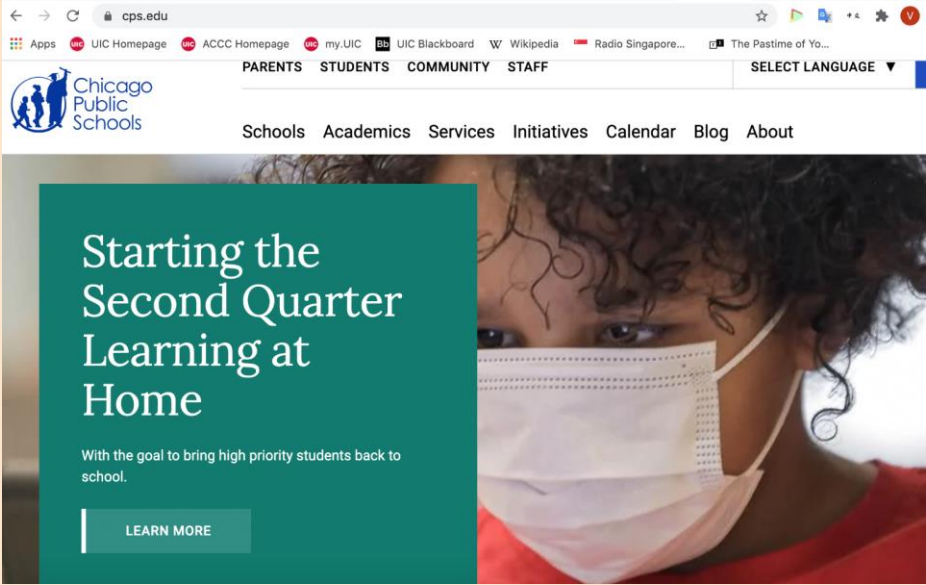
# Has anyone heard of the Chicago Connected Program?

- 100,000 CPS families are eligible to receive free internet for up to four years.
- Receive a code through the mail
- We'll show you how to check your eligibility
- If you lost your code we can help you find it again
- RCN: [Internetfirst.com](http://Internetfirst.com)
- COMCAST: [Internetessentials.com](http://Internetessentials.com)

# 有人听说过芝加哥联网计划吗？

- 100,000个CPS家庭有资格获得长达四年的免费上网。
- 通过邮件接收代码
- 我们将向您展示如何检查您的资格
- 如果您丢失了代码，我们可以帮助您再次找到它
- RCN: [Internetfirst.com](http://Internetfirst.com)
- COMCAST: [internetessentials.com](http://internetessentials.com)

# CPS.edu > Initiatives > Chicago Connected > Eligibility



The screenshot shows the Chicago Public Schools website. At the top, there is a navigation bar with links for PARENTS, STUDENTS, COMMUNITY, and STAFF, along with a language selection dropdown. Below this is the Chicago Public Schools logo and a secondary navigation menu with links for Schools, Academics, Services, Initiatives, Calendar, Blog, and About. The main content area features a large banner with a green background on the left containing the text "Starting the Second Quarter Learning at Home" and a "LEARN MORE" button. The right side of the banner shows a close-up of a young child wearing a white face mask.



## Chicago Connected

Chicago Connected is a groundbreaking program that will provide free high-speed internet service to approximately 100,000 Chicago Public Schools (CPS) students.

[EXPLORE](#)

<a href="#">CHICAGO CONNECTED</a>	<a href="#">CHECK ELIGIBILITY</a>
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# Internet Privacy & Security 互联网隐私与安全

Today we'll be discussing how to stay safe while:

今天我们将讨论如何在以下情况保持安全：

-Searching the web 网路搜寻

-Visiting a Website 浏览网站

-Online Shopping 网上购物

-Social Media 社交媒体

And we'll be talking about how to avoid internet scams.

我们将讨论如何避免网络欺诈

# Searching the Web 网路搜寻

Search engine companies save your searches and keep track of what you are looking for. You can change it in the settings. 搜索引擎公司会保存您的搜索，并跟踪您要寻找的内容，您可以在设置中进行更改。

-When you visit a site the owner can see general setting such as what type of computer you are using, which pages you visit and what your language settings are. 当您访问网站时，所有者可以看到常规设置，例如您正在使用的电脑类型，浏览过的页面以及语言设置。

-Pixel Tracking helps companies predict what ads you are likely to engage with based off of your browsing history. 像素跟踪可帮助公司根据您的浏览历史，预测您可能会与之互动的广告。

Alternative browsers:      -Duckduck Go      -Qwant      -Ecosia (你可以选择使用的浏览器)



# How to Stop Saving Activity on Chrome

## 如何停止在Chrome上保存浏览活动

How to turn off your activity: 如何关闭您的浏览活动记录

1. On your computer, go to Activity controls.

在电脑上，转到“活动控件”。

1. Turn off the activity you don't want to save.

关闭您不想保存的活动。

2. To confirm, select Pause. 要确认，请选择暂停。

# Incognito Mode 隐身模式

## What it can and cannot do 它可以做什么和不能做什么

Does it really hide your activities? Well it depends. 它真的隐藏了您的活动吗？这要看情况。

Incognito mode won't save your browsing history and site data. However, your IP address is not concealed here either. 隐身模式不会保存您的浏览历史记录和网站数据。但是，您的IP地址也不会在此处隐藏。

You **should** use incognito mode whenever you use a public computer. That way you are instantly logged out of your accounts if you close the window. 每当您使用公用电脑时，都应使用隐身模式。这样，如果您关闭窗口，您将立即注销帐户。

Anything downloaded in incognito still shows up on your computer.  
以隐身模式下载的所有内容仍会显示在您的电脑上。

# Online shopping 网上购物

-Look for Secure connection. Any website you visit should start with https instead of just http. On chrome you can also see a padlock icon.

寻找安全连接。您访问的任何网站都应以https开头，而不仅仅是http。在Chrome浏览器上，您还可以看到一个挂锁图标。

https=secure(安全)

-Look for badges on the checkout page. 在结帐页面上查找徽章

-Agree to websites privacy policy 同意网站隐私政策



# Online Scams 网络欺诈

## Website Scams 网站欺诈

- May lead to virus 可能导致病毒
- Ask for money 要钱
- Ask for private information 询问私人信息
- Leads to ads 广告的领导
- Gives inaccurate information 提供不准确的信息

## Spam Emails 垃圾邮件

many people at once 一次将垃圾邮件发送给许多人  
call a phone number 经常要求您拨打电话号码

- Contains Fake links 包含虚假链接
- Asks you to transfer money 要求您转帐

- Junk mail sent to  
- Often asks you to

# Online Scams (Cont.) 网络欺诈

- **Pop Ups 螢幕上的彈出**

-When you visit a website with pop-ups that are hard to close it is usually an indicator that the website should not be trusted. -当网站包含难以关闭的弹出窗口的网站时，通常表明该网站不值得信任。

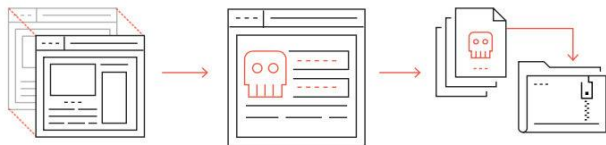
- **Phishing 网络钓鱼**

**A method of gathering personal information using deceptive e-mail and websites.** 一种使用欺骗性电子邮件和网站收集个人信息的方法。

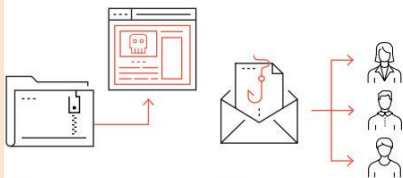
-Started in the 90s and has grown every year. 始于90年代，并且每年都在增长。 -  
When a website or email claims to be a trusted entity such as IRS, gmail, insurance company or bank. 当网站或电子邮件声称是受信任的实体（例如IRS，Gmail，保险公司或银行）时。

# Anatomy of a Phishing Kit

Before we dive into the results, it's important to talk a bit about how phishing kits work:



- 1.** The legitimate website is cloned
- 2.** The login page is changed to point to a credential-stealing script
- 3.** The modified files are bundled into a zip file to make a phishing kit



- 4.** The phishing kit is uploaded to the hacked website, files are unzipped
- 5.** Emails are sent with links pointing to the new spoofed website

Nearly **1.5 million phishing sites** are created each month. They are designed for two purposes:

- 1) Making the user hand over sensitive information such as the username and password to banking information
- 2) Downloading Malware. An example is if you receive a .zip file from someone claiming to be your company's HR department but it will actually contain Ransomware.

Ransomware is malicious software that infects the computer and claims that there needs to be a fee for your computer to continue working again.

每月创建近150万个网络钓鱼站点。它们被设计用于两个目的：

使用户将敏感信息（例如用户名和密码）移交给银行信息

正在下载恶意软件。例如，如果您从某人声称是您公司的人力资源部门收到了一个.zip文件，但实际上它包含勒索软件。

Ransomware是一种恶意软件，会感染电脑，并声称您的电脑需要付费才能继续使用。

# Always ask

- Have I heard of the person or organization?
- What kind of information are they asking for?
- Are they claiming to fix something?
- Are they trying to rush you to complete an action?

## Do not:

- Enter Information
- Download Anything
- Reply
- Click on Links

## Do:

- Check the spelling of the URL
- Observe if the page redirects to a page with a slightly different design

# 总是问

- 我听说过这个人或组织吗？
- 他们要求什么样的信息？
- 他们声称要修理东西吗？
- 他们是在试图催您完成行动吗？

## 不要

- 输入信息
- 下载任何东西
- 回复
- 点击链接

## 要

- 检查网址的拼写
- 观察页面是否重定向到设计稍有不同页面

# Common subjects

Phishing rarely begins with a greeting someone asking for foreign money exchanges anymore. They often will have subjects that are pretty realistic.

Wells Fargo: You have a new secure mail  
Undelivered Mail  
HR: Your Action Required  
Amazon: Refund Notification  
OneDrive: Your OneDrive is out of storage space  
A Delivery Attempt was made  
Failed Delivery for Package #45987204893

## 欺诈 - 使用普遍话题

现在网络钓鱼很少开始从问候某人，或要求进行外汇兑换。他们经常会使用相当现实的话题。

**Wells Fargo 银行：您有一封新的安全邮件/未送达邮件**

**人事资源：您需要采取行动**

**亚马逊：退款通知**

**OneDrive：您的OneDrive的存储空间不足**

**尝试送货**

**包裹送货失败 # 45987204893**



# Examples 欺诈例子

What seems fraudulent about this email?

这封电子邮件，哪里似乎有欺诈性？

From: Nokia <info@news.nokia.com>  
Subject: SAVE YOUR STUFF! Sign in to your Nokia account before it disappears forever!  
Date: February 7, 2014 2:38:02 AM MST  
To:  
Reply-To: Nokia <info@news.nokia.com>

Hide

**NOKIA**

**SAVE YOUR STUFF!**

We noticed you haven't used your Nokia account to access Nokia services in quite a while. To protect your privacy, this account will be deleted in 14 days, [so sign in now](#).

If you haven't experienced Nokia services recently, they're worth another look. And you may want to keep any maps, locations, email, music, reviews, or other stuff that is associated with your account.

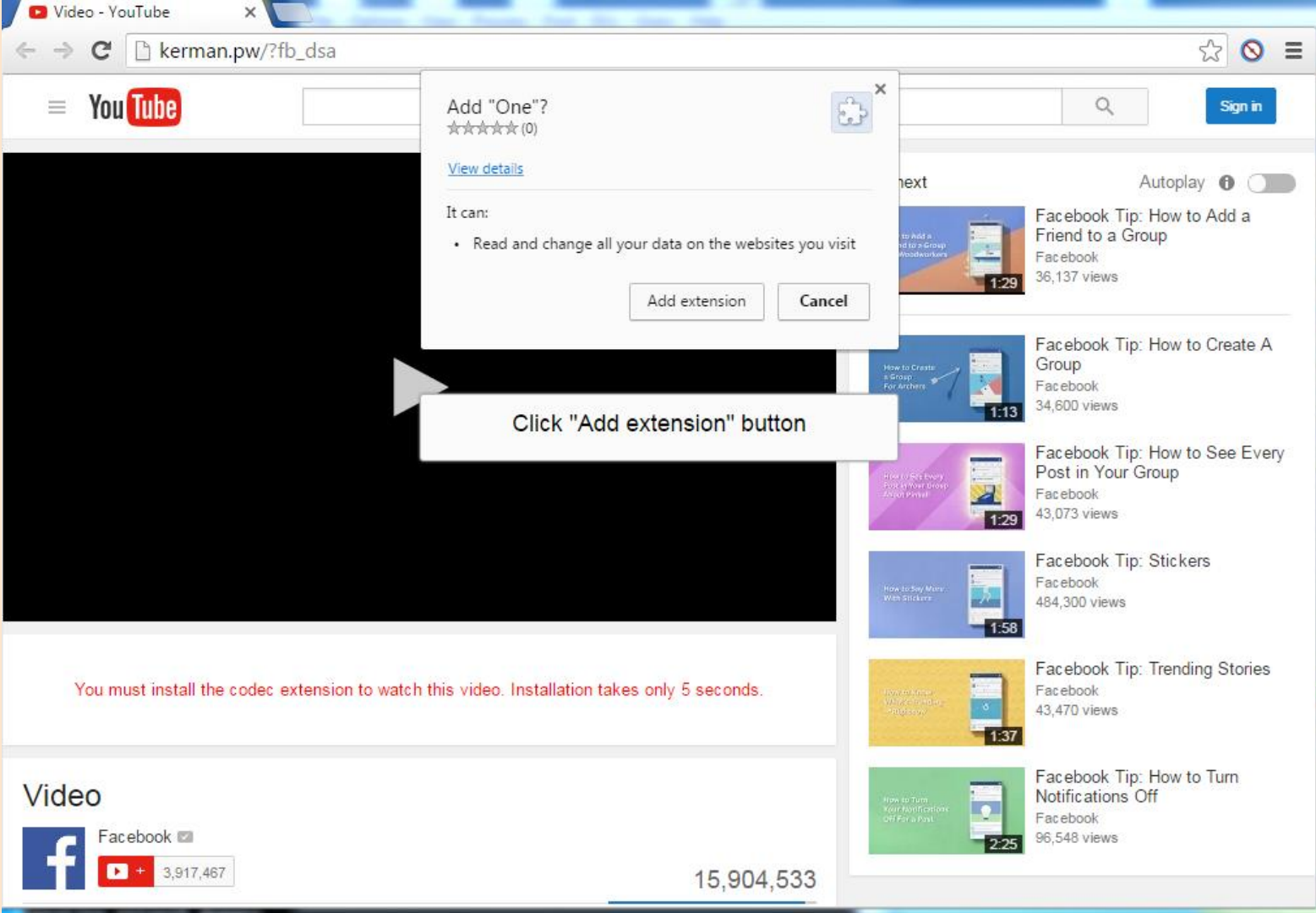
It just takes a few seconds to [sign in to your Nokia account](#).

We hope to see you soon.

Sincerely,  
The Nokia account team

[Privacy policy](#) | [Terms and conditions](#) | [Support](#) | [Contact us](#)  
Nokia Corporation P.O. Box 226 FI-00045  
Nokia Group Finland

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# Examples 欺诈例子

# Examples

## 欺诈例子

Dear Sir or Madam,

I'm making contact with you to state a payment mistake in the amount \$144 on my bank account. This amount is inaccurate because you literally billed me twice. I am asking for the error to end up being solved, that any funds and also other payments related to the debated amount be credited too, and that I get an appropriate statement. Attached are the bank statement as well as the invoice confirming my situation. Please check out this issue and solve the invoicing mistake as quickly as possible.

[My Bank Statement](#)

Respectfully Yours,  
Al Scogin

incorpsd.com

Yesterday at 1:23 PM

To: user@domain.com

IRS Policy Update



Internal Revenue Service

United States Department of the Treasury

Dear user,

In connection with the presidential elections held in the past year, we are changing our privacy policy, starting March 5, 2017.

We strongly recommend you to browse it.

If you do not get acquainted with the new policy, your administrative responsibility may take place. Make sure you downloaded the file below.

[SEE ATTACHED DETAILS](#)

P.S. One of the Amendments is mandatory encryption of our signature documents, you need to enable macros for reading the document.

Your Internal Revenue Service

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**PLEASE NOTE:** Do not respond to unsolicited e-mails that claim to come from the IRS. The IRS does not use email to request this type of information.

Internal Revenue Service, Metro Piex 1, 8401 Corporate Drive, Suite 300, Landover, MD 20785

Examples  
欺诈例子

# Reporting Phishing

If you get a phishing email you can report it to the following places:

[ftc.gov/complaint](https://ftc.gov/complaint)

Forward to:

[phishing@irs.gov](mailto:phishing@irs.gov)

[reportphishing@apwg.org](mailto:reportphishing@apwg.org).

For phishing texts:

SPAM (7726) is the FTC number

For IDES related fraud:

[https://www2.illinois.gov/ides/Pages/Reporting\\_Unemployment\\_Insurance\\_Fraud.aspx](https://www2.illinois.gov/ides/Pages/Reporting_Unemployment_Insurance_Fraud.aspx)

Or call **(800) 814-0513**

## 举报网络钓鱼

如果您收到网络钓鱼电子邮件，可以将其举报到以下地方：

[ftc.gov/complaint](https://ftc.gov/complaint)

Forward to:

[phishing@irs.gov](mailto:phishing@irs.gov)

[reportphishing@apwg.org](mailto:reportphishing@apwg.org).

For phishing texts:

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Or call **(800) 814-0513**

# Keeping your Computer Secure

It is always better to be proactive when it comes to cyber-security.

1. Use two-step authentications
2. Keep Your Computer Updated
3. Use Protective Software  
Norton, McAfee, Intego
4. Use an external hard drive  
Backup your information to an external hard drive. Unplug from your computer when not using.

## 保持您的电脑安全

在网络安全方面，主动总是更好。

1. 使用两步验证
2. 保持电脑更新
3. 使用防护软件 Norton, McAfee, Intego
4. 使用外接硬盘

将您的信息备份到外部硬盘驱动器。不使用时，请从电脑上拔下电源插头。

Thanks for your time! Any questions?

谢谢你的时间！ 问题？

Comcast Internet Essentials:  
844-963-0178

RCN Internet First:  
312-955-2400

[WeChat Instructions Article](#)  
[芝加哥公校学生未来四年有免费](#)  
[互联网服务，快来申请！](#)

Sources & Additional Reading: [其他阅读资料](#)  
[COVID-19 Unemployment Scams \(失业骗局\)](#)

[Even if you clear your history, Google has a record of all of your search activity — here's how to delete it](#) (即使您清除了阅读记录，Google也会保留您所有搜索活动的记录-以下是删除记录的方法)