

Presentation on the theme: “HACKERS”

by Elena Skupenko



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Shereza Frenkel | Tel Aviv
Last updated at 11:51 PM, April 7 2013

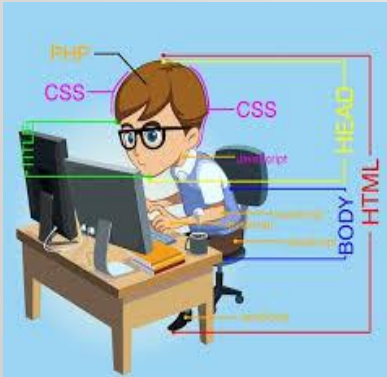
The cyberwar between Israeli and pro-Palestinian hackers heated up yesterday with government websites and stock market networks coming under fire in the most recent volley of online attacks.

Hackers, posing under the name of the international Anonymous group, announced that they would launch a massive attack on Israeli sites in a strike they called "OpIsrael". Several members of the group added that the assault was being done in "solidarity" with Palestinians.

"To the government of Israel: Welcome to the Hackinfida #FreePalestine," read a message on the group's official OpIsrael Twitter account.

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AIMS OF THE LESSON:

1. Знать и употреблять лексику по теме:
a hacker, programmer, to hack, hacking, hacking group, download, blackmail, security expert, cyberspace, “a white hat” hacker, password, a bug, log in/on, firewall, callback system, audit the system.
2. Понимать и использовать фразовые глаголы:
ex: log in/on
3. Уметь прочесть текст и найти необходимую информацию, уметь правильно отвечать на вопросы по теме.
4. Прослушивать интервью с целью поиска конкретной информации.
5. Уметь составить короткое устное высказывание.

Read these words and phrases. Mind your pronunciation:

/h/ / e/	/o: /	/s/	/ai/
H acker	Un auth orized	Cy berspace	I dentify
H ack	(access)	S uccess	I dentification
H acking group	A uditing	Defacing	(number)
h ijacking	A utomatically	S ecurity expert	
	A lthough	S ecure password	
	O riginally	access	

Now you are ready to read the text. But before reading the text, try to answer the questions:

What do you know about hackers?

Do you often read about hacking?

How can you protect your computer and data from hacking?

Is hacking legal or illegal?

What are the reasons for being a hacker?



A **hacker** is a person who attempts to gain **unauthorized access** to a network system. They are often young teenagers **although** they are skilled programmers.

Although it is illegal, people become **hackers** for different reasons: making money, criminal purposes or to expose political information. But often people **hack** just because it is an exciting challenge.

The Internet has made **hacking** more common and **hackers** are found throughout the world. They sometimes form **hacking groups**. Hackers like to attack and penetrate computer systems belonging to large, important organizations. In fact, hackers compete with each other to be the first to hack into really powerful system.



Hackers have been known to do a variety of things to a computer system including:

Downloading files and **leaking** confidential information

Exposing email correspondence by well-known email services, causing the service to be shut down.

Hijacking websites by redirecting the web address to point to another website.

Defacing websites by changing the text and graphics on the webpage.

Blackmailing the owners of websites by threatening to damage the system.

Sometimes, young hackers put their experience and knowledge to good use when they become older. Many former hackers have been hired by large companies as **security experts**.

A person who uses their skills to make **cyberspace** safer is called a **“white hat” hacker**.



It's really a great problem nowadays. For example: this is the article from British newspaper "The Times"

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Hackers raise stakes in Middle East

www.thetimes.co.uk/tto/news/world/middleeast/article3733196,ece#commentsStart

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Read the article and answer the question: what is the reason for hacking the sites:

- *to expose political information*
- *to make money*
- *criminal purpose*

The cyberwars between Israeli and pro-Palestinian hackers heated up yesterday with government websites and stock market networks coming under fire in the most recent volley of online attacks.

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“To the government of Israel: Welcome to the Hackintifada, FreePalestine,” read a message on the group’s official OpIsrael Twitter account.



What is your advice to Israeli government?

How can people avoid hacking?
What should they do?



To avoid **a computer system being hacked** people should:

- **Install a firewall**
- **Use a callback system**
- **Have really secure password**
- **Audit the system**

To avoid **credit card theft** on the Internet people should:

- **Use a separate credit card for Internet purchases**
- **Have a small credit limit on the credit card you use**
- **Buy a pre-paid card for small purchases.**



***Time to
relax***

***Guess the word on
its definition***

A person who attempts to gain unauthorized access to a network system

Break into a computer system

Attempting to gain unauthorized access to a network system

Teams that work together and exchange ideas

Free email service provided by a Microsoft corporation

Copy files from a server

To redirect the web address

Change the text and graphics on the webpage

To threaten to damage the system

A person who uses their skills to make cyberspace safer

Secret code to control access to a network system


A combination of hardware and software used to control the data going into and out of a network

Check the system regularly to find failed access attempts

LISTENING


2 Think about these questions before you listen.

- 1 How could you hack into a system?
- 2 How could you stop people hacking into a system?

3  Now listen to Part 1 of the recording to check your answers to Task 2 and to find the answers to these questions:

- 1 What was Ralph arrested for?
- 2 What does he do now?
- 3 Why does he say people are too trusting?
- 4 What passwords does he suggest for trying to get into a system?
- 5 What does a firewall do?
- 6 What is the advantage of a callback system?
- 7 To prevent hacking, what sort of passwords should you avoid?
- 8 What do event logs show?



 Now listen to Part 2 of the recording and find the answers to these questions:

- 1 How did Ralph start thinking about computer security?
- 2 How did he find the most senior ID in the American company's system?
- 3 According to Ralph, why do people hack?
- 4 Why did he and his friend hack?
- 5 How did the police find him?
- 6 Why does he say companies should use his services?
- 7 Do hackers know each other?
- 8 What's the difference between Hollywood hackers and the real world?
- 9 How risky is credit card use on the Internet?
- 10 What advice does he give for people intending to use credit cards over the Internet?

□ A phrasal verb is:

□ ***VERB + PREPOSITION COMBINATION***

1. It often has one meaning while being translated
2. It is often spoken English

□ For example:

□ Look up – искать в словаре

Study these phrasal verbs, can you understand their meaning

break into

get into

hack into

go about

set about

keep ahead

grow up

phone up

run up

keep at

shut down

throw away

log on

find out

track down

hand over

Complete each blank with the appropriate phrasal verb:

Hackers try to _____ passwords so they can penetrate a system.

Don't _____ your password to anyone who asks for it.

The police _____ Ralph _____ by talking to his friends.

4. Some hackers _____ system to get commercially valuable information.

5. When you _____ to a network, you have to provide an ID.

How do you _____hacking into a system?

Hackers may _____, pretending to be from your company, and ask for your password.

Never _____your credit cards receipts where someone can find them.

Ralph was a hacker as a teenager but he's _____ now and become more responsible.

_____ a system is strictly illegal nowadays.

It's a constant race to _____ of the hackers.

Is hacking legal or illegal?

Watch the presentation created by Olga Juravleva
about **Jonathan Joseph James**



Do you know any other examples of hacking case. Will you tell us in a few words, please.

Hometask:

Write a news item like a short newspaper text about Ralf or about any other hacking case known to you.

Example:

In March 2000, a Welsh teenager allegedly stole information from more than 26,000 credit card accounts across Britain, the US, Japan, Canada and Thailand, and published the details on the Internet. FBI agents and British police raided the home of Raphael Gray, 18, and arrested him and his friend. He has been charged with 10 counts of downloading unauthorised information.

Here you can draw your emotion)))

Используемые материалы:

1. Интернет ресурсы : www.thetimes.co.uk
2. Учебники: “Oxford English for IT” 2-d edition Student Book, CD –track 18, 19, Teacher’s Book Unit 20.