MINISTERIO DE EDUCACIÓN, CIENCIA Y TECNOLOGÍA

INSTITUTO NACIONAL ALEJANDRO DE HUMBOLDT

CÓDIGO: 10052 – AHUACHAPÁN, AHUACHAPÁN

STUDENT'S NAME: _____

LEVEL: _____

DATE: _____

**WORKSHEET 2**

**FACES OF THE INTERNET**

**INTERNET SECURITY**

**The history of hacking – Part 1**

**1971** – John Draper discovered that a whistle offered in boxes of Cap'n Crunch breakfast cereal perfectly generated the 2,600Hz signal used by the AT&T phone company. He started to make free calls. He was arrested in 1972 but wasn't sent to prison.

**1974** – Kevin Mitnick, a legend among hackers, began hacking into banking networks and altering the credit reports of his enemies. He didn't expect that his most famous exploit – hacking into the North American Defense Command in Colorado Springs – would inspire the film *War Games* in 1983.

**1981** – Ian Murphy, a 23-year-old known as *Captain Zap* on the networks, hacked into the White House and the Pentagon.

**1987** – The IBM international network was paralysed by a hacker's Christmas message.

**1988** – The Union Bank of Switzerland almost lost £32 million to hackers. Nicholas Whitely was arrested in connection with virus spreading.

**1989** – A fifteen-year-old hacker cracked the US defence computer.

**1991** – Kevin Poulsen, known as *Dark Dante* on the networks, was accused of stealing military files.

**Activity 1: True or False**

1. John Draper discovered that a whistle in Cap'n Crunch cereal boxes could generate a signal used by the AT&T phone company.

   _____

2. Kevin Mitnick started hacking into banking networks and credit reports in 1971. _____

3. The hacking exploits of Kevin Mitnick inspired the 1983 film *War Games*. _____

4. Ian Murphy, also known as Captain Zap, hacked into the White House and the Pentagon in 1987. _____

5. The IBM international network was paralyzed by a hacker's Christmas message in 1987. _____

6. The Union Bank of Switzerland almost lost £32 million to hackers in 1988. _____

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7. **A fifteen-year-old hacker cracked a US defense computer in 1989.** _____

8. **In 1991, Kevin Poulsen, also known as Dark Dante, was accused of hacking into the Union Bank of Switzerland.**

_____

**1969** – The US Defense Department establishes ARPANET, a network connecting research centres.
**1971** – Ray Tomlinson of BBN invents an email program to send messages across a network. The @ sign is chosen for its *at* meaning.
**1981** – IBM sells the first IBM PC. BITNET provides email and file transfers to universities.
**1982** – TCP/IP is adopted as the standard language of the Internet.
**1988** – Jarkko Oikarinen develops the system known as Internet Relay Chat (IRC).
**1991** – CERN (*Conseil Européen pour la Recherche Nucléaire*) creates the World Wide Web.
**1998** – The Internet 2 network is born. It can handle data and video at high speed but is not a public network.
**1999** – Online banking, e-commerce and MP3 music become popular.
**2001** – Napster, whose software allows users to share downloaded music, maintains that it does not perpetrate or encourage music piracy. However, a judge rules that Napster's technology is an infringement of music copyright.
**2004** – Network Solutions begins offering 100-year domain registration.
**2006** – Americans spend over $100 billion shopping online.

**Activity 2: Read the following questions and select the correct answer.**

1. **In which year was the ARPANET, a network connecting research centers, established?** _____
   - A) 1971
   - B) 1981
   - C) 1969
   - D) 1982
2. **Who invented the email program and chose the @ sign for its meaning?** _____
   - A) IBM
   - B) Ray Tomlinson
   - C) Jarkko Oikarinen
   - D) CERN
3. **Which company sold the first IBM PC in 1981?** _____
   - A) Network Solutions
   - B) IBM
   - C) Napster
   - D) BBN

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4. **What technology was developed in 1988 by Jarkko Oikarinen?** _____
   - A) TCP/IP
   - B) World Wide Web
   - C) Internet Relay Chat (IRC)
   - D) Online banking
5. **Which organization created the World Wide Web in 1991?** _____
   - A) Napster
   - B) IBM
   - C) Network Solutions
   - D) CERN
6. **In which year did online banking, e-commerce, and MP3 music become popular?** _____
   - A) 2001
   - B) 1999
   - C) 1998
   - D) 2006
7. **What was significant about Napster's software in 2001?** _____
   - A) It allowed users to send emails.
   - B) It enabled users to download and share music.
   - C) It introduced online shopping.
   - D) It was the first to offer 100-year domain registration.
8. **What did Network Solutions begin offering in 2004?** _____
   - A) Online banking
   - B) A 100-year domain registration
   - C) Music sharing services
   - D) The Internet 2 network
9. **By 2006, how much did Americans spend on online shopping?** _____
   - A) Over $50 billion
   - B) Over $1 trillion
   - C) Over $500 billion
   - D) Over $100 billion

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