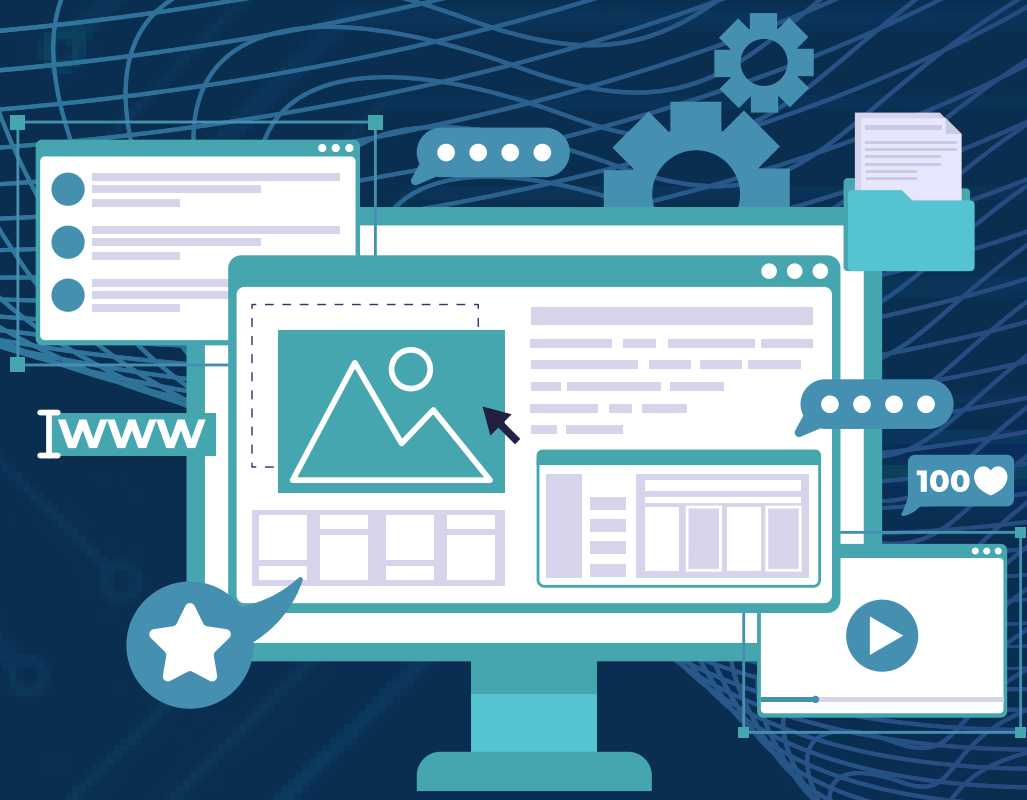


COMPUTER SAFETY

By Naya Al-Qamhawi
Class 8 A

What is computer safety?

Computer safety, also known as cyber security, is the protection of computer systems and information from harm, theft, and unauthorized use.



Why is it important to protect your computer?

One of the biggest issues a weak protection system can lead to is hacking, which is the act of compromising digital devices and networks through unauthorized access to an account or computer system.

Types of hacking :

Infecting devices with malware

Hackers may infiltrate a user's device to install malware. More likely, they will target potential victims via email, instant messages and websites with downloadable content or peer-to-peer networks.

Hacking passwords

password hacking is an attack vector that involves hackers attempting to crack or determine a password. Password hacking uses a variety of programmatic techniques and automation using specialized tools. These password cracking tools may be referred to as 'password crackers'.

Another reason would be to help keep your computer virus and bug free , which can be achieved by downloading an Antivirus software.

Antivirus software protects your device from viruses that can destroy your data, slow down or crash your device, or allow spammers to send email through your account.

Computer viruses can :

- disrupt the performance of your system
- sap memory and cause frequent, irritating computer crashes.
- delete programs.
- manipulate keyboards.
- allow access to sensitive information.

Resources

- <https://www.britannica.com/technology/computer-security>
- https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwj-kqTyoab6AhW3xQIHHeA3A3QQFnoECAUQAaw&url=https%3A%2F%2Fwww.fortinet.com%2Fresources%2Fcyberglossary%2Fwhat-is-hacking&usg=AOvVaw3MLhqB96P_DxZcMv9z650i
- https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwia7crCqab6AhUCYxoKHeyXBjQQFnoECAkQAaw&url=https%3A%2F%2Foag.ca.gov%2Fprivacy%2Ffacts%2Fonline-privacy%2Fprotect-your-computer&usg=AOvVaw3NKyAuudXGoV-FaCE_SWW8
- <https://www.kaspersky.com/resource-center/definitions/what-is-hacking>
- https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjg7qzUyKb6AhUNgHMkHen8AeUQFnoECAgQAaw&url=https%3A%2F%2Fwww.beyondtrust.com%2Fblog%2Fentry%2Fpassword-cracking-101-attacks-defenses-explained&usg=AOvVaw05jt-ktC_Jns9-MltXNKfT