



08_cyberse
curity

Englisch 11. Klasse

Cybersecurity



Video guide for “Cybersecurity and Crime”



Cybercrime causes huge problems for society – personally, financially, and even in matters of national security. In this video, Jenny Martin from Symantec and Parisa Tabriz from Google explain what cybercrime is, how the same advantages in the Internet’s structure can be exploited as disadvantages, and how to defend against attacks with cybersecurity.



[https://creazilla.com/de/nodes/36230-com 1](https://creazilla.com/de/nodes/36230-com-1)

Task: Watch the video and answer the questions below.

1) Which targets could cyber armies attack?

- national water supplies
- energy grids
- transportation systems

2) What’s the definition of a computer virus?

A virus is an executable program which can spread to other PCs.

This program harms the user and their computer.

This program is usually installed unintentionally.

3) How does a virus infect a computer? (2 possibilities)

fake install: you want to install a program, but it's a disguise for the virus

or: the virus is hidden inside the program

security backdoor: the antivirus software didn't detect the virus and didn't stop the installation

4) What does a virus do on your computer?

- it can steal or delete any of your files

- _____
- it can control other programs _____
- it can allow someone else to remotely control your computer _____

5) What's a DDOS? (Write out the abbreviation and explain)

DDOS: distributed denial of service _____

A hacker overwhelms a website with too many requests so the website shuts down.
It's called distributed denial of service, when the attacks come from multiple PCs at once.

6) What's a phishing scam?

Cybercriminals try to trick people into sharing sensitive personal information by sending large amounts of email (e.g.: they want you to click a link that leads to a fake bank website)

7) What's the main cause for a successful hack?

Human mistakes

8) Which steps can you take to avoid getting hacked?

- use strong password _____
- check for authentic web addresses _____
- install system _____
- don't install software you don't trusts _____

https://www.youtube.com/watch?v=AuYNXgO_f3Y

