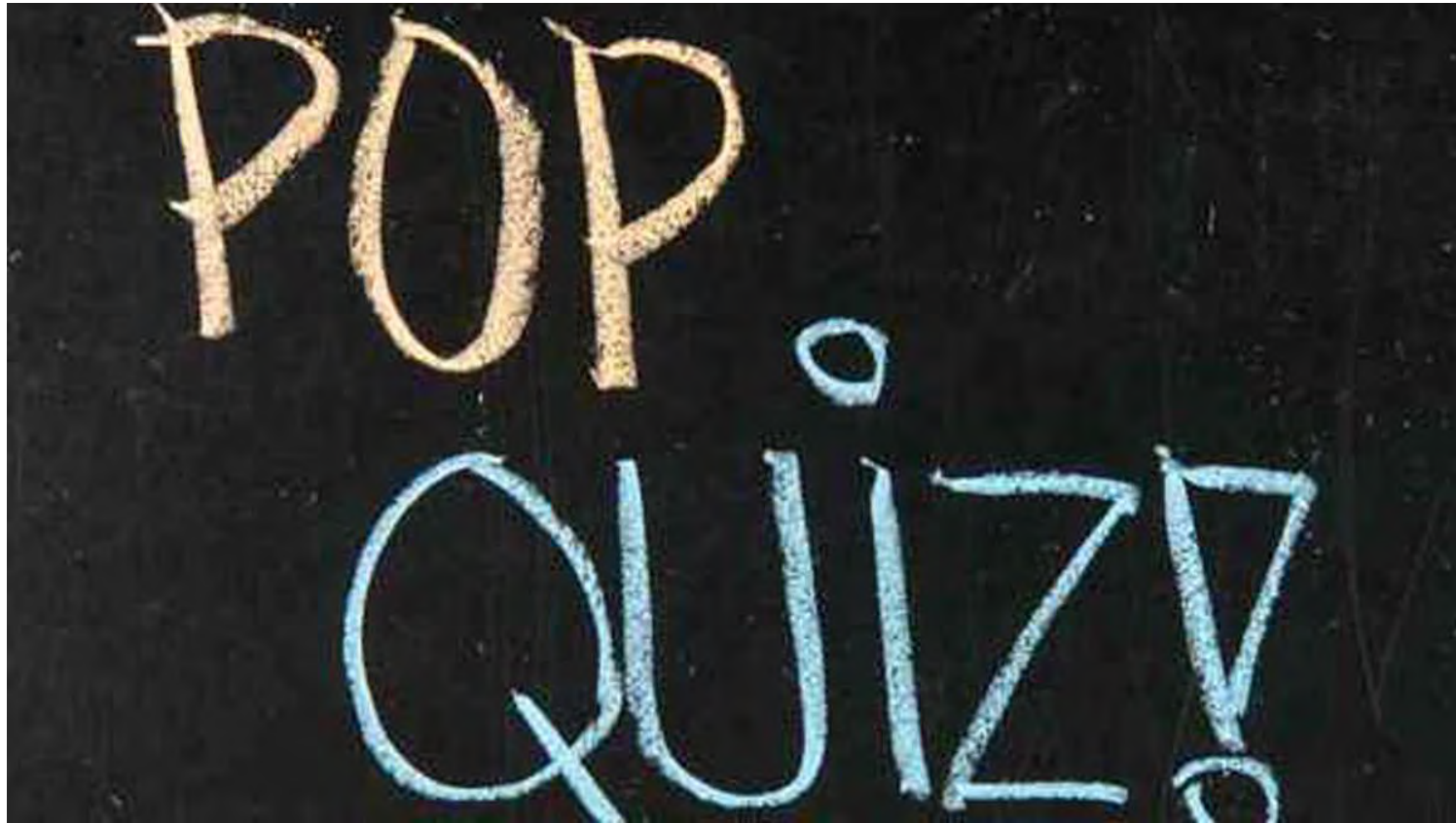


Hackers, Cybersecurity, and Staying Safe Online

Let's see how much you already know!



What is a hacker?



A. Someone who is not good at soccer



B. Someone who tries to steal your information online



C. Someone who eats a lot of pickles

What makes a password strong?



A. It eats a lot
of spinach



B. It's hard to
guess



C. It lifts
weights

What information should you share online?



A. Everything!
My name,
birthday,
school,
passwords,
and
everything
else!



B. Nothing. I
shouldn't
even share
my least
favorite
movie online.



C. I can share
some
personal
things but
not private
information.

Can someone lie about who they are online?



A. No, if they say they're my friend then they're my friend



B. Yes, no one is who they say they are online

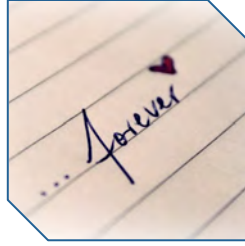


C. Some people lie and some people tell the truth.

What happens to information that you share online after you've shared it?



A. It disappears



B. It is online forever and anyone can see it



C. It is online forever but only the people I want to see it can see it

Hackers



What is a hacker?

- A hacker is someone who tries to steal your information online.
- Hackers pretend to be someone else to get you to give them your information.
- Hackers search online to find out about you and then use the information they find to pretend to be you and get into your accounts.



Are all hackers bad people?

- There are good hackers (White Hat Hackers) and bad hackers (Black Hat Hackers).
- Good hackers test your online network, system, and cybersecurity to find where bad hackers could steal your information. This is something that Gray Analytics does.
- Bad hackers probably aren't trying to hack you right now, but as you get older the information that you share online could be used by hackers to steal your information.





How often are cyberattacks happening?

<https://threatmap.bitdefender.com/>

How do we protect ourselves from hackers?

- Follow the cybersecurity rules:
 1. Make strong passwords
 2. Don't share your private information online
 3. Don't trust that everyone online is who they say they are
 4. Don't put anything online that you wouldn't want everyone to see

1. Make Strong Passwords



Strong passwords are...

- Hard for someone else to guess but easy for you to remember
- Different for all of your accounts
- Don't use any information about you that may be online
- A passphrase that you can remember
- Use uppercase and lowercase letters, numbers, and symbols



Examples of strong passwords

- fluffyUNICORNSarethebes\$t!
- TheBestSuperherolsBatman.
- prairieDOGShavemurderCL@WS

How Secure Is My Password?

🟢 The #1 Password Strength Tool. Trusted and used by millions.

It would take a computer about

6 hundred picoseconds

to crack your password

Feedback



How Strong Is Your Password?

Passwords tried: unicorns, Unicorns27, fluffyUNICORNSarethebe\$t!

<https://www.security.org/how-secure-is-my-password/>



TOP SECRET!

No matter what your password is, no one should know your password other than your parents or your teacher (if it's a password for a school account).

2. Don't share private information online



What information can you share online?

- You can share personal information online like your hobbies and interests, but never share private information that someone could use to pretend to be you.
- Don't share
 - Your full name
 - Your address
 - Your phone number
 - Your birthday and year
 - Your school
 - Your passwords



3. Don't trust that everyone online is who they say they are



How do you know who someone is online?

- Black hat hackers pretend to be someone you know and then ask you for your private information. They're hoping that you'll trust that they're who they say they are without checking and give them your information.
- We shouldn't trust that someone is who they say they are without verifying with the real person in real life.
- If you're playing a video game and you receive a message from someone whose screen name is "MrsWolfe" and they ask you for your school password because they need something, what would you do?
 - Don't respond until you've asked Mrs. Wolfe at school if she contacted you on your video game.
- How else do we verify that someone is who they say they are?
 - Ask your parent to check with your friend's parent to verify your friend's screen name before you talk to them online.
 - Never respond to someone who contacts you online without asking your parents for permission.



4. Don't put anything online that you wouldn't want everyone to see



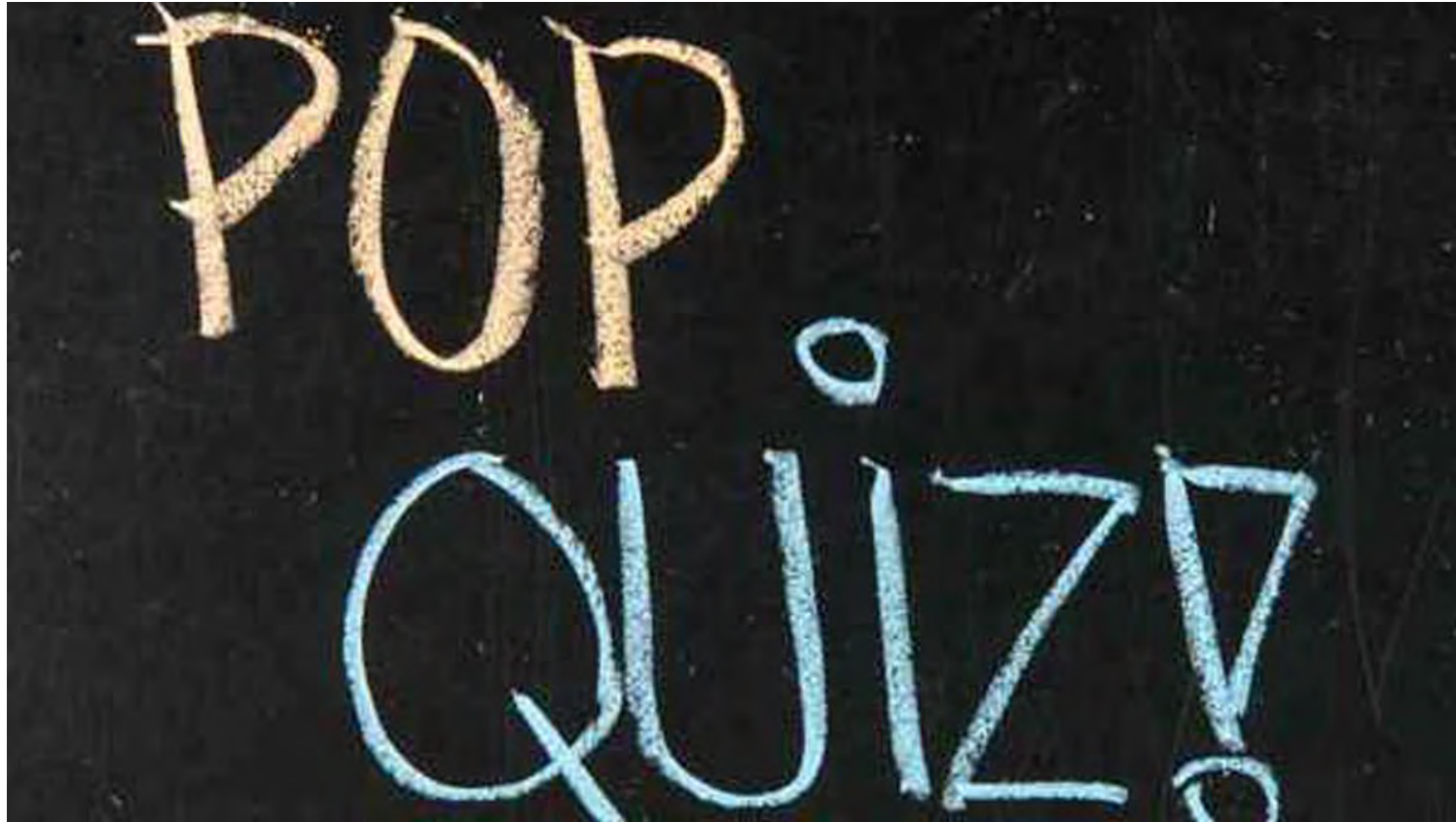
Sharing online isn't private

- As you get older, you'll be online a lot more. Whether it's on Facebook, YouTube, TikTok, or texting your friend that's sitting next to you right now, you'll be exposed to people from all around the world and you'll have the opportunity to share a lot of personal and private information about yourself.
- If you only remember one thing from today, I want you to remember this:

Nothing that you share online is private. Once you share something, you can never delete it and anyone can find it online forever.

- Hackers can access even information that you shared privately between friends.
- Never write or share anything that you wouldn't be ok with everyone that you know seeing what you said.

Do you know the answers now?



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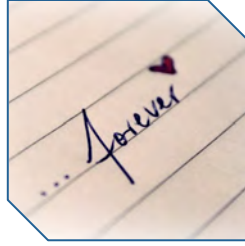


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Questions?





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