

Lesson 2

Passwords

Passwords are a crucial aspect to our everyday lives. You require passwords for phones, email, tablets, computers, banking, shopping, downloading and more. Entering your password is the most common way to prove your identity. The use of a **strong** password is therefore essential in order to protect your security and identity.

Have a look at the passwords below and discuss what you notice with a partner, group or your class.

Passwords

Password 1: dragon

Password 2: football

Password 3: starwars

Password 4: abcd1234

Password 5: 987654321

Password 6: 123qwe

Password 7: 111111

Password 8: password

Password 9: h0uses

Password 10: 5chool



Lesson 2

Passwords (Continued)

By now you will have studied the passwords 1 - 10 and recognised some key features. Now let's look at the passwords more closely...

Passwords 1-3 - these passwords highlight the interests of the person and will be commonly used.

Passwords 4-6 - these passwords are sequential, which means they are in a sequence.

Passwords 7 and 8 - these passwords are obvious.

Passwords 9 and 10 - these passwords include obvious substitutions for letters. E.g. o - 0 and s - 5

To create a secure password, stay away from examples similar to the ones shown. Now, let's look at a password below to see if you can identify some key features of a strong password...

Strong Password 1: 8 3 0 £ ? ! r u Y T P 4 x 1

This password includes many features that considers it strong although it isn't easily remembered. Now have a look at the one below...

Strong Password 2: M f c i a F b i c £ 2 4 9 , 9 5 0

M f a v o r i t i s a F e r r a r i b u t i t c o s t s £ 2 4 9 , 9 5 0

I created a mnemonic so I could remember my password.



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Passwords (Continued)

Activity

Password Checklist

Use the checklist below to create a strong password which...

- Is at least 14 characters long
- Contains numbers, letters and symbols
- Contains upper and lowercase letters
- Isn't sequential
- Doesn't have obvious substitutions
- Isn't obvious
- Is a mnemonic
- Is kept secret from others



#Mnemonic #CantCrackIt