

BUSINESS AND TECHNOLOGY

Computer Security **Primary 7**

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LE BON DIEU

Learning Intentions

- ✓ Understand online security risks
- ✓ Evaluate what is a secure password

Success Criteria

- ✓ Evaluate what is a secure password!

Well done!



Think about the advantages of the internet!



- ✓ Keep in touch with your friends and family using email, twitter, MySpace, and Facebook
- ✓ Chat to people online, phone them and even have video links across the Internet, eg, facetime.
- ✓ Use a search engine to find information on just about any subject
- ✓ Shop on line
- ✓ Work with other people using a wiki or an e-group



Think about what problems we can have with the internet?



- ✓ Hacking
- ✓ Spreading of viruses
- ✓ Steal identities
- ✓ Control your computer then use it to steal information or defraud banks
- ✓ Fill up your email inbox with spam
- ✓ Use chat rooms to bully you and/or get information about you

Question

**So, what can
you do to protect
yourself?**





Answer

**One thing is to have a
secure, secret
password!**

How long to hack the password?



Which do you think is the easiest and the hardest password to hack.

12345	photoshop	NotreD1
12345678	ilovezain!	PlainJane☺
abc123	monkey	W1nni3889*
Ally123!	111111	sunshine
iloveyou	password	Happyface☺!
123123	qwerty	letmein1

Reducing the Risks: First steps Password Security

- ✓ Your personal password is your own special identity, so keep it secret and only share it with a parent or guardian.
- ✓ Change it regularly
- ✓ Keep a note of your new password – somewhere secure
- ✓ Passwords should contain the following....



Reducing the Risks: Creating a strong password

Make sure of the following:

- ✓ Your password is at least eight characters long.
- ✓ It does not contain your user name, real name, or company name.
- ✓ It does not contain a complete word.
- ✓ It is significantly different from previous passwords.
- ✓ It has UPPER and lower case, numbers and symbols such as ! (@ ~ } #



Does your password beat the Hacker?

Log on to the following website:

<https://howsecureismypassword.net/>



Privately and individually enter in some of your previous passwords.

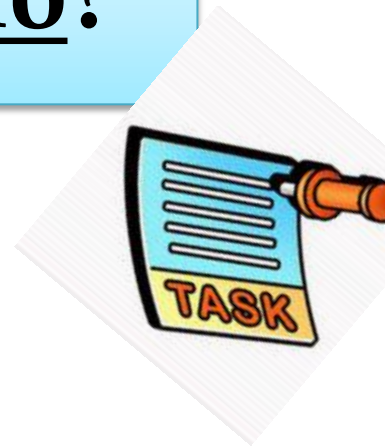
Are you surprised at how quickly your previous passwords can be hacked!!

Think about what you would do?

Jennifer is talking to a friend online when she gets a message saying there is trouble with her computer and she needs to type in her online password again. **Should she do it?**

Mohammed received an email from someone he does not know, but it's a familiar tone. There is an attachment to the email. **What should he do?**

Amina is a little forgetful and keeps the same password for everything. It is "Amina1". **What is wrong with this?**



Why is this important to you?

When you come to Notre Dame High school you will have your own account which you will be able to access from the computers in the Business and Technology Department and in other classrooms around the school.

And you will need it to use your ipad.

So it is important you consider setting a strong password now that you know how!

Business and Technology Department

We look forward to
seeing you soon!