

# Passwords



E-safety

**Do you have a strong password?**

...

A man with dark hair, wearing sunglasses and a black t-shirt, is smiling and shielding his eyes with his right hand. He is holding a microphone in his left hand. The background shows a busy city street with pedestrians, cars, and buildings. The text "JIMMY Kimmel LIVE!" is overlaid on the bottom left of the image.

**JIMMY**  
*Kimmel*  
**LIVE!**

# How are Passwords Hacked !



10111000010011

100 **PASSWORD** 100001

1011100001001

1011000010101

0100110111000

1101101110011011

1101101110011011

**HACKING**

# Password Statistics

# 73%

of online accounts are guarded by **duplicated passwords**

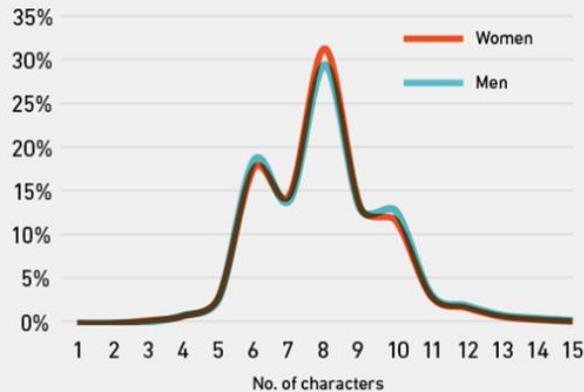


password  
qwerty  
12345678  
12345  
123456

# 54%

of people use **5 or fewer** passwords across their entire online life

Breakdown of 485,000 Passwords' Length



1. 123456
2. password
3. 12345678
4. qwerty
5. 123456789
6. 12345
7. 1234
8. 11111
9. 1234567
10. dragon
11. 123123
12. baseball
13. abc123
14. football
15. monkey
16. letmein
17. shadow
18. master
19. 696969
20. michael

**What makes a strong password ?**

# How long did each of the following password take to Hack?



Position: Developer

Password: ns8vfpobzmx098bf4coj

Entropy: 96



Position: Software Engineer

Password: wa11asey

Entropy: 26.4



Position: Systems Engineer

Password: cba75c2d4

Entropy: 31.0



Position: Agent to the stars

Password: clydek

Entropy: 12.2



Position: Former Senior

Password: s3ash311 (seashell)

Entropy: 15.6



Position: Director

Password: indiana

Entropy: 9.8

# How To Pick a Strong Password ?

SOPHOS

## The crooks have access to...



Books

**SCENE**  
Beare Sir Robin ran away

**RAVE SIR ROBIN**  
I didn't.

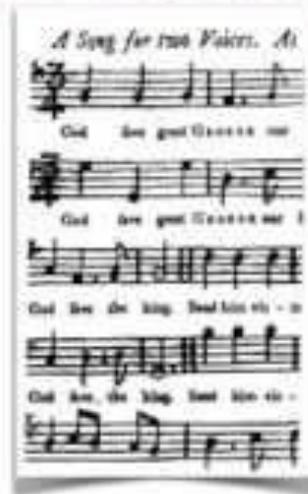
**SCENE**  
Brawly ran away, away

**RAVE SIR ROBIN**  
He, he, he.

**SCENE**  
When Slaughter passed the ugly head  
He bravely turned his tail and fled  
The brave Sir Robin turned about  
And gallantly he stuck out  
Brawly talking to his feet  
He beat a very brave retreat.

Scripts

*A Song for two Voices. Al*



God see god Goooo me  
God see god Goooo me  
God see the king God his oh - o  
God see the king God his oh - o

Lyrics



facebook

Jimmy

Timeline About

MUTT, my new puppy.

Facebook

# Your online passwords

Make sure you have a different password for each online account

Make sure your password is as long as possible

Make sure your password includes upper and lowercase letters

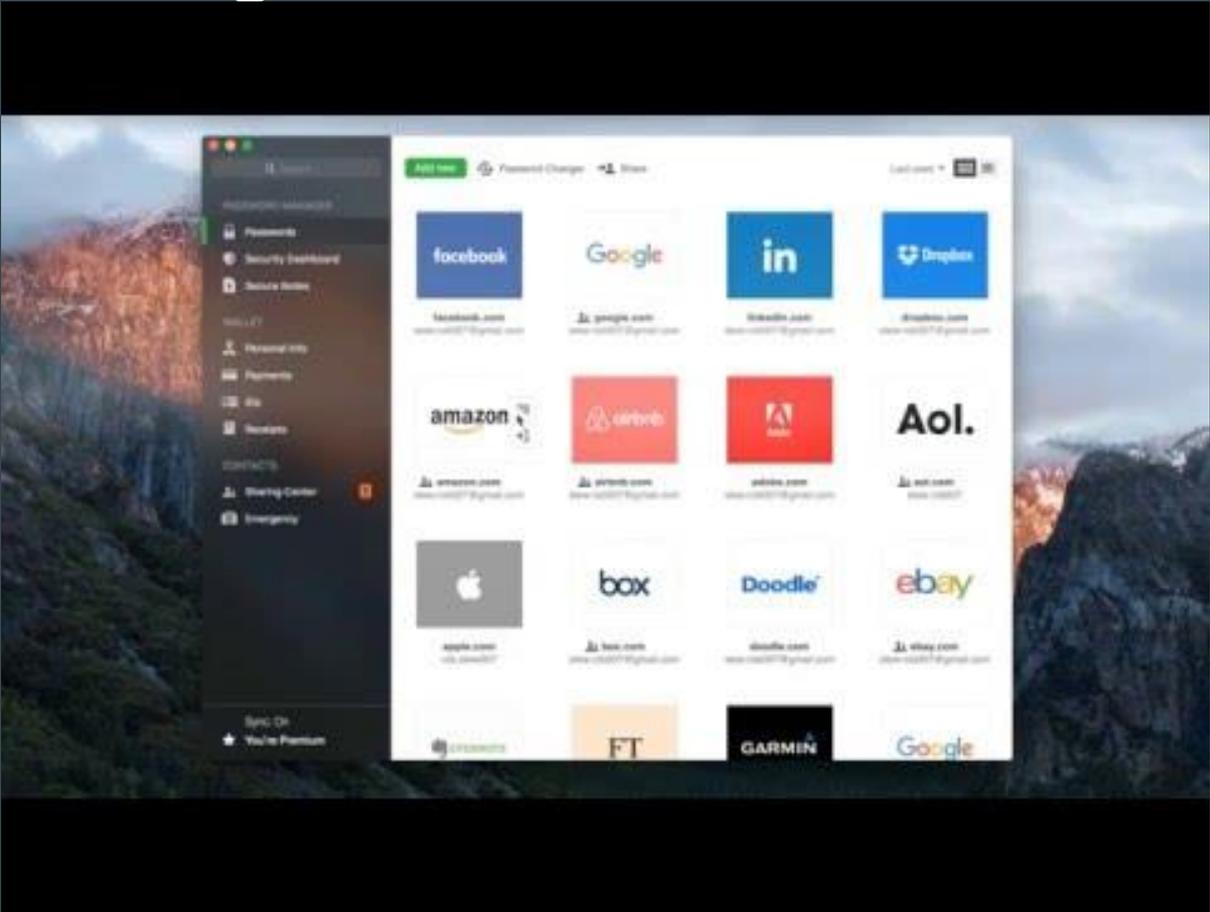
Make sure your password includes numbers

Make sure your password includes a symbol (e.g.%)

Make sure you change your passwords on a regular basis

Make sure your password is as random as possible (e.g. not your pet's name !)

# Password - managers



# SMART rules for children

Keep safe by being careful not to give out personal information when you're chatting or posting online.

Meeting someone you have only been in touch with online can be dangerous. Only do so with your parents' or carers' permission and even then only when they can be present.

Remember online friends are still strangers even if you have been talking to them for a long time.

Accepting emails, IM messages, or opening files, pictures or texts from people you don't know or trust can lead to problems – they may contain viruses or nasty messages!

Someone online might lie about who they are and information on the internet may not be true.

Always check information with other websites, books or someone who knows.

If you like chatting online, it's best to only chat to your real world friends and family. Tell your parent, carer or a trusted adult if someone or something makes you feel uncomfortable or worried, or if you or someone you know, is being bullied online.

# Where to report any E-safety issues

Cyber bullying can be reported as a crime under the Communications Act 2003 section 127, the Malicious Communications Act 1988 and, if there are more than three instances, the Protection from Harassment Act 1997.

Visit the police in person, ensure a statement is taken and request a crime number

To keep evidence of internet activity, take a screenshot

At School see Mr Richmond

To report something someone posted on your Timeline on facebook:

- a. In the top right of the post, click v
- b. Select 'I don't like this post'

# More E-safety information

Browser address bar: aomschool.co.uk/e-safety/

Navigation: Home, About Us, Sixth Form, Latest News, Admissions, Parents, Pupils, Exams, Curriculum, Sports Camps, Ofsted, Contact, Job Vacancies

Welcome to Ashton on Mersey School

Home » E-safety

## E-safety

### What is E-safety?

E-safety is about the protection of children whilst they are using the internet and digital technologies. This includes: risk-taking and inappropriate behaviour by children and young people; risks and inappropriate behaviour by others to children and young people; illegal activity.

- Cyberbullying
- Online Grooming

### Parents' E-safety Survey

We would be really grateful if you could complete our e-safety survey. Whilst our school strives to empower your children with the knowledge to stay safe, it is important that you have a good awareness of the risks and dangers yourself.

To complete the Parents' E-safety Survey please click on the link provided opposite.



### Cyberbullying....REPORT IT!

Cyberbullying is the use of Information Communication Technology (ICT), particularly mobile phones and the internet to deliberately upset someone else.

- Tell someone, report on Moodle using the 'Report it' tool on the homepage. Click on the REPORT IT! image below.
- Save evidence and take screenshots.
- Block the bully (on IM, social networking sites, etc.).
- Don't reply or retaliate to things they say or do.
- Contact your mobile service provider (if bothered by txts, etc).

Download the Moodle Acceptable Use Policy

### Child Exploitation and Online Protection Centre

For more information on internet safety please visit the CEOP website.



Where's Klaus?

<http://aomschool.co.uk/e-safety/>

# Questions

If you have any questions please contact:

Mr Richman  
Pupil support manager

