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Cyber Safety

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Ministry approved protection within schools:

N4L, the free, uncapped, managed network for schools, has been designed for safety. This internet service provides safe, predictable internet with online content filtering and network security services.



N4L services applied as standard:

- N4L filtering
- SafeSearch
- Inappropriate sites blocked
- Additional sites can be blocked by schools



The real challenge...

How do we ensure safe predictable internet usage outside of school?

Internet service providers

Vodafone:

- Parental controls: Limit internet access times for devices within your home
- Website filtering: Allows you to set words that will be blocked if in a web address or web page.

Spark:

- Spark Security Suite: Parental controls: block websites and set web browsing time limits.

Solutions for homes without Vodafone and Spark...

OpenDNS (Free/Paid)

- Advanced filtering, above those built into Vodafone/Spark routers



Hardware: Circle

- **Dedicated device for managing home internet activity**
- **Advanced controls**
 - Time limits
 - Bedtime: turn all access off to child devices at predetermined time
 - Monitor usage



Built in Device support:

Android Devices

- Restricted profiles: Limits features and content accessed
- Filter the Google Play Store: Only show age appropriate results
- Restrict costly in-app purchases



Built in Device support:

Apple Devices (iOS)

- Enable restrictions: Limits features and content accessed



Google Safe Search

All Devices “Safe Search Filter” for all google searches

Google’s Safe search feature is able to exclude most explicit content from google searches and can be applied at home!

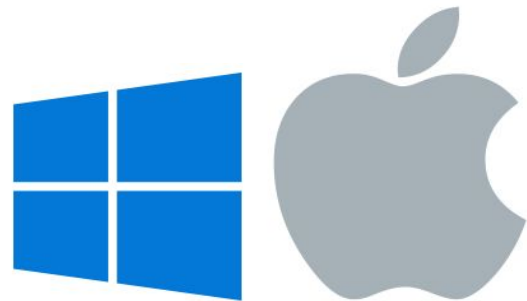
This feature is always enabled at school.



In built options for Windows & Mac computers:

Parental Controls:

Both Macs & Windows feature built in protection through restricting time & apps on the computers.



Option for Windows Computers:

Intel Security Safe Family

- 6 months free
- Supervision of: content, time limits, location
- Reporting, email alerts
- Supports: Apple (iOS), Android, Windows most comprehensive for Windows





Twitter's privacy policy:

“Our Services are not directed to persons under 13. If you become aware that your child has provided us with personal information without your consent, please contact us at privacy@twitter.com. We do not knowingly collect personal information from children under 13. If we become aware that a child under 13 has provided us with personal information, we take steps to remove such information and terminate the child's account.”



What is the minimum age for social media accounts?

13: Twitter, Facebook, Instagram, Pinterest, Google+, Tumblr, Reddit, Snapchat

14: LinkedIn

16: WhatsApp

17: Vine

18 / 13 with parents permission: Flickr

"[Social media] might not be appropriate for some 13-year-olds," MacGibbon says. "Certainly parents should be pretty careful about allowing their kids to open social media accounts younger than that."

National Cyber Security Adviser, Alastair MacGibbon

What are the risks to consider here?

- Sleep deprivation
- Age inappropriate content; offensive or threatening language, images, videos
- Bullying
- Trolling
- Impact of sense of reality through highly crafted images
- Sexting

It is the same question of when you allow a child to cross the road under their own guidance or when you allow them to go down to the park by themselves. It is potentially dangerous, it is not 100% dangerous.

Reporting underage accounts

Facebook:

<https://www.facebook.com/help/contact/209046679279097>

Instagram:

<https://help.instagram.com/contact/723586364339719>

Twitter:

<https://support.twitter.com/forms/privacy>

Useful Links - Inbuilt options

Parental controls:

- Vodafone:

http://help.vodafone.co.nz/app/answers/detail/a_id/18072/~set-up-parental-controls-on-your-modem

- Spark:

<https://www.spark.co.nz/help/internet/security/parental-controls/>

Useful Links - Inbuilt options

Android: <https://support.google.com/nexus/answer/3175031?hl=en>

iOS: <https://support.apple.com/en-mz/HT201304>

Mac OS: https://support.apple.com/kb/PH21683?locale=en_US

Microsoft Windows:

Official Guide: <https://account.microsoft.com/family/about>

Practical Guide:

<http://www.howtogeek.com/225323/how-to-add-and-monitor-a-childs-account-in-windows-10/>

Google Safe Search Filter:

<https://support.google.com/websearch/answer/510?source=gsearch&hl=en>