# ICT and Internet Acceptable Use Policy

The Federation of Boldmere Schools



Version: September 2023

**Ratified by the Governing Body:** 

Signed by the Governing Body: Chair: Greg Bloom

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# 1. Introduction and aims

Information and communications technology (ICT) is an integral part of the way our school works, and is a critical resource for pupils, staff (including the senior leadership team), governors, volunteers and visitors. It supports teaching and learning, and the pastoral and administrative functions of the school.

However, the ICT resources and facilities our school uses could also pose risks to data protection, online safety and safeguarding.

This policy aims to:

- Set guidelines and rules on the use of school ICT resources for staff, pupils, parents and governors
- Establish clear expectations for the way all members of the school community engage with each other online
- Support the school's policies on data protection, online safety and safeguarding
- Prevent disruption that could occur to the school through the misuse, or attempted misuse, of ICT systems
- Support the school in teaching pupils safe and effective internet and ICT use

This policy covers all users of our school's ICT facilities, including governors, staff, pupils, volunteers, contractors and visitors.

Breaches of this policy may be dealt with under our staff code of conduct.

# 2. Relevant legislation and guidance

This policy refers to, and complies with, the following legislation and guidance:

- Data Protection Act 2018
- The UK General Data Protection Regulation (UK GDPR) the EU GDPR was incorporated into UK legislation, with some amendments, by <a href="https://doi.org/10.1007/jhan.2002">The Data Protection, Privacy and Electronic Communications (Amendments etc) (EU Exit) Regulations 2020</a>
- Computer Misuse Act 1990
- Human Rights Act 1998
- The Telecommunications (Lawful Business Practice) (Interception of Communications) Regulations 2000
- Education Act 2011
- > Freedom of Information Act 2000
- Education and Inspections Act 2006
- Keeping Children Safe in Education 2022
- Searching, screening and confiscation: advice for schools 2022
- National Cyber Security Centre (NCSC): Cyber Security for Schools
- **Education and Training (Welfare of Children)** Act 2021
- UKCIS guidance on <u>sharing nudes and semi-nudes</u>: <u>advice for education settings working with children and young people</u>
- Meeting digital and technology standards in schools and colleges

# 3. Definitions

- ICT facilities: all facilities, systems and services including but not limited to network infrastructure, desktop computers, laptops, tablets, phones, music players or hardware, software, websites, web applications or services, and any device system or service which may become available in the future which is provided as part of the school's ICT service
- **Users:** anyone authorised by the school to use the school's ICT facilities, including governors, staff, pupils, volunteers, contractors and visitors
- **Personal use:** any use or activity not directly related to the users' employment, study or purpose agreed by an authorised user
- Authorised personnel: employees authorised by the school to perform systems administration and/or monitoring of the ICT facilities
- Materials: files and data created using the school's ICT facilities including but not limited to documents, photos, audio, video, printed output, web pages, social networking sites and blogs

See appendix 6 for a glossary of cyber security terminology.

# 4. Unacceptable use

The following is considered unacceptable use of the school's ICT facilities. Any breach of this policy may result in disciplinary or behaviour proceedings (see section 4.2 below).

Unacceptable use of the school's ICT facilities includes:

- Using the school's ICT facilities to breach intellectual property rights or copyright
- Using the school's ICT facilities to bully or harass someone else, or to promote unlawful discrimination
- Breaching the school's policies or procedures

- Any illegal conduct, or statements which are deemed to be advocating illegal activity
- Online gambling, inappropriate advertising, phishing and/or financial scams
- Accessing, creating, storing, linking to or sending material that is pornographic, offensive, obscene or otherwise inappropriate or harmful
- > Consensual and non-consensual sharing of nude and semi-nude images and/or videos and/or livestreams
- Activity which defames or disparages the school, or risks bringing the school into disrepute
- > Sharing confidential information about the school, its pupils, or other members of the school community
- Connecting any device to the school's ICT network without approval from authorised personnel
- Setting up any software, applications or web services on the school's network without approval by authorised personnel, or creating or using any programme, tool or item of software designed to interfere with the functioning of the school's ICT facilities, accounts or data
- Gaining, or attempting to gain, access to restricted areas of the network, or to any password-protected information, without approval from authorised personnel
- Allowing, encouraging or enabling others to gain (or attempt to gain) unauthorised access to the school's ICT facilities
- Causing intentional damage to the school's ICT facilities
- Removing, deleting or disposing of the school's ICT equipment, systems, programmes or information without permission from authorised personnel
- Causing a data breach by accessing, modifying, or sharing data (including personal data) to which a user is not permitted by authorised personnel to have access, or without authorisation
- Using inappropriate or offensive language
- Promoting a private business, unless that business is directly related to the school
- Using websites or mechanisms to bypass the school's filtering or monitoring mechanisms
- Engaging in content or conduct that is radicalised, extremist, racist, antisemitic or discriminatory in any other way

This is not an exhaustive list. The school reserves the right to amend this list at any time. The Executive Head (GDPR lead) and Heads of school. will use their professional judgement to determine whether any act or behaviour not on the list above is considered unacceptable use of the school's ICT facilities.

# 4.1 Exceptions from unacceptable use

Where the use of school ICT facilities (on the school premises and/or remotely) is required for a purpose that would otherwise be considered an unacceptable use, exemptions to the policy may be granted at the Executive Head and Head of Schools discretion.

#### 4.2 Sanctions

Pupils and staff who engage in any of the unacceptable activity listed above may face disciplinary action in line with the school's policies: Staff code of conduct, Child protection and safeguarding policy, No platform policy and mobile phone policy.

# 5. Staff (including governors, volunteers, and contractors)

## 5.1 Access to school ICT facilities and materials

The school's Network manager and school business manager manages access to the school's ICT facilities and materials for school staff. That includes, but is not limited to:

- Computers, tablets, mobile phones and other devices
- Access permissions for certain programmes or files

Staff will be provided with unique login/account information and passwords that they must use when accessing the school's ICT facilities.

Staff who have access to files that they are not authorised to view or edit, or who need their access permissions updated or changed, should contact the school network manager.

#### 5.1.1 Use of phones and email (Also refer to the School Mobile Phone Policy)

The school provides each member of staff with an email address.

This email account should be used for work purposes only. Staff should enable multi-factor authentication on their email account(s).

All work-related business should be conducted using the email address the school has provided.

Staff must not share their personal email addresses with parents and pupils, and must not send any work-related materials using their personal email account.

Staff must take care with the content of all email messages, as incorrect or improper statements can give rise to claims for discrimination, harassment, defamation, breach of confidentiality or breach of contract.

Email messages are required to be disclosed in legal proceedings or in response to requests from individuals under the Data Protection Act 2018 in the same way as paper documents. Deletion from a user's inbox does not mean that an email cannot be recovered for the purposes of disclosure. All email messages should be treated as potentially retrievable.

Staff must take extra care when sending sensitive or confidential information by email. Any attachments containing sensitive or confidential information should be encrypted so that the information is only accessible by the intended recipient.

If staff receive an email in error, the sender should be informed and the email deleted. If the email contains sensitive or confidential information, the user must not make use of that information or disclose that information.

If staff send an email in error that contains the personal information of another person, they must inform the The school's network manager, Executive Head (GDPR lead) and Heads of school and follow our data breach procedures (See GDPR policy).

Staff must not give their personal phone number(s) to parents or pupils

Staff who are provided with mobile phones as equipment for their role must abide by the same rules for ICT acceptable use as set out in section 4.

# 5.2 Personal use

Staff are permitted to occasionally use school ICT facilities for personal use, subject to certain conditions set out below. This permission must not be overused or abused. The school's network manager and school business manager may withdraw or restrict this permission at any time and at their discretion.

Personal use is permitted provided that such use:

- Does not take place during teaching hours.
- Does not constitute 'unacceptable use', as defined in section 4
- Takes place when no pupils are present
- Does not interfere with their jobs, or prevent other staff or pupils from using the facilities for work or educational purposes

Staff may not use the school's ICT facilities to store personal, non-work-related information or materials (such as music, videos or photos).

Staff should be aware that use of the school's ICT facilities for personal use may put personal communications within the scope of the school's ICT monitoring activities (see section 5.5). Where breaches of this policy are found, disciplinary action may be taken.

Staff are also permitted to use their personal devices (such as mobile phones or tablets) in line with the school's mobile phone policy. Staff should be aware that personal use of ICT (even when not using school ICT facilities) can impact on their employment by, for instance, putting personal details in the public domain, where pupils and parents could see them.

#### 5.2.1 Personal social media accounts

Members of staff should make sure their use of social media, either for work or personal purposes, is appropriate at all times.

#### 5.3 Remote access

We allow limited staff to access legacy ICT facilities and materials remotely. All other services are cloud based, hence no requirement for VPN.

Remote access is managed by the school network manager, with VPN accounts and encryption managed by both the network manager and the third party internet provider.

With the transition to cloud services, the requirement for remote VPN access is vastly reduced, with no policy/procedure required.

Staff accessing the school's ICT facilities and materials remotely must abide by the same rules as those accessing the facilities and materials on site. Staff must be particularly vigilant if they use the school's ICT facilities outside the school and take such precautions as the school's Network manager and school business manager may require against importing viruses or compromising system security.

Our ICT facilities contain information which is confidential and/or subject to data protection legislation. Such information must be treated with extreme care and in accordance with our data protection policy. (See GDPR policy)

# 5.4 School social media accounts

The school has an official Twitter account, managed by the school senior leadership teams. Staff members who have not been authorised to manage, or post to, the account, must not access, or attempt to access, the account.

The school has guidelines for what may and must not be posted on its social media accounts. Those who are authorised to manage, or post to, the account must make sure they abide by these guidelines at all times. Consent is gained for all pupils to be posted on the website or Twitter account.

# 5.5 Monitoring and filtering of the school network and use of ICT facilities

To safeguard and promote the welfare of children and provide them with a safe environment to learn, the school reserves the right to filter and monitor the use of its ICT facilities and network. This includes, but is not limited to, the filtering and monitoring of:

- Internet sites visited
- Bandwidth usage
- Email accounts
- Telephone calls
- User activity/access logs
- Any other electronic communications

Only authorised ICT personnel may filter, inspect, monitor, intercept, assess, record and disclose the above, to the extent permitted by law. The Federation of Boldmere Schools use NetSupport DNA. Netsupport DNA is monitored by the senior leadership team across the Federation. In addition, Boldmere Federation also discuss online / internet safety during computing lessons and prior to accessing on line resources.)

The effectiveness of any filtering and monitoring will be regularly reviewed.

Where appropriate, authorised personnel may raise concerns about monitored activity with the school's designated safeguarding lead (DSL) and ICT manager, as appropriate.

The school monitors ICT use in order to:

- Obtain information related to school business
- Investigate compliance with school policies, procedures and standards
- Ensure effective school and ICT operation
- Conduct training or quality control exercises
- Prevent or detect crime
- Comply with a subject access request, Freedom of Information Act request, or any other legal obligation

The governing board will regularly review the effectiveness of the school's monitoring and filtering systems.

# 6. Pupils

## 6.1 Access to ICT facilities

- Computers and equipment in the school's ICT suite are available to pupils only under the supervision of staff.
- > Specialist ICT equipment, such as that used for music, or design and techbologu, must only be used under the supervision of staff.
- Where remote learning is required, Pupils will be provided with an account linked to the school's virtual learning environment, which they can access from any device by using the following URL https://classroom.google.com.

#### 6.2 Search and deletion

Under the Education Act 2011, the headteacher, and any member of staff authorised to do so by the headteacher, can search pupils and confiscate their mobile phones, computers or other devices that the authorised staff member has reasonable grounds for suspecting:

- Poses a risk to staff or pupils, and/or
- Is identified in the school rules as a banned item for which a search can be carried out
- Is evidence in relation to an offence

This includes, but is not limited to:

- Pornography
- Abusive messages, images or videos
- Indecent images of children
- > Evidence of suspected criminal behaviour (such as threats of violence or assault)

Before a search, if the authorised staff member is satisfied that they have reasonable grounds for suspecting any of the above, they will also:

- Make an assessment of how urgent the search is, and consider the risk to other pupils and staff. If the search is not urgent, they will seek advice from Executive Head, Head of school or DSL's.
- Explain to the pupil why they are being searched, and how and where the search will happen, and give them the opportunity to ask questions about it
- Seek the pupil's co-operation.

The authorised staff member should:

- Inform the DSL (or deputy) of any searching incidents where they had reasonable grounds to suspect a pupil was in possession of a banned item.
- Involve the DSL (or deputy) without delay if they believe that a search has revealed a safeguarding risk

Authorised staff members may examine, and in exceptional circumstances erase, any data or files on a device that they have confiscated where they believe there is a 'good reason' to do so.

When deciding whether there is a 'good reason' to examine data or files on a device, the staff member should only do so if they reasonably suspect that the data has, or could be used to:

- Cause harm, and/or
- Undermine the safe environment of the school or disrupt teaching, and/or
- Commit an offence

If inappropriate material is found on the device, it is up to Executive Head or Head of school or DSL's. to decide on a suitable response. If there are images, data or files on the device that staff reasonably suspect are likely to put a person at risk, they will first consider the appropriate safeguarding response.

When deciding if there is a good reason to erase data or files from a device, staff members will consider if the material may constitute evidence relating to a suspected offence. In these instances, they will not delete the material, and the device will be handed to the police as soon as reasonably practicable. If the material is not suspected to be evidence in relation to an offence, staff members may delete it if:

- They reasonably suspect that its continued existence is likely to cause harm to any person, and/or
- The pupil and/or the parent refuses to delete the material themselves

If a staff member **suspects** a device **may** contain an indecent image of a child (also known as a nude or semi-nude image), they will:

- Not view the image
- Not copy, print, share, store or save the image
- Confiscate the device and report the incident to the DSL (or deputy) immediately, who will decide what to do next. The DSL will make the decision in line with the DfE's latest guidance on <a href="mailto:searching, screening and confiscation">searching, screening and confiscation</a> and the UK Council for Internet Safety (UKCIS) guidance on <a href="mailto:sharing nudes and semi-nudes: advice for education settings working with children and young people">sharing nudes and semi-nudes: advice for education settings working with children and young people</a>

Any searching of pupils will be carried out in line with:

- The DfE's latest guidance on searching, screening and confiscation
- UKCIS guidance on sharing nudes and semi-nudes: advice for education settings working with children and young people
- Our behaviour policy reflects the updated DFE guidance, which came into force 1 September 2022.

Any complaints about searching for, or deleting, inappropriate images or files on pupils' devices will be dealt with through the school complaints procedure.

# 7. Parents

#### 7.1 Access to ICT facilities and materials

Parents do not have access to the school's ICT facilities as a matter of course.

However, parents working for, or with, the school in an official capacity (for instance, as a volunteer or as a member of the PTA) may be granted an appropriate level of access, or be permitted to use the school's facilities at the headteacher's discretion.

Where parents are granted access in this way, they must abide by this policy as it applies to staff.

# 7.2 Communicating with or about the school online

We believe it is important to model for pupils, and help them learn, how to communicate respectfully with, and about, others online.

Parents play a vital role in helping model this behaviour for their children, especially when communicating with the school through our website and social media channels.

We ask parents to sign the agreement in appendix 1.

# 8. Data security

The school is responsible for making sure it has the appropriate level of security protection and procedures in place to safeguard its systems, staff and learners. It therefore takes steps to protect the security of its computing resources, data and user accounts. The effectiveness of these procedures is reviewed periodically to keep up with evolving cyber crime technologies.

Staff, pupils, parents and others who use the school's ICT facilities should use safe computing practices at all times. We aim to meet the cyber security standards recommended by the Department for Education's guidance on digital and technology standards in schools and colleges, including the use of:

- Firewalls
- Security features
- User authentication and multi-factor authentication
- Anti-malware software

#### 8.1 Passwords

All users of the school's ICT facilities requested to set strong passwords for their accounts and keep these passwords secure.

Users are responsible for the security of their passwords and accounts, and for setting permissions for accounts and files they control.

Members of staff or pupils who disclose account or password information may face disciplinary action. Parents, visitors or volunteers who disclose account or password information may have their access rights revoked.

# 8.2 Software updates, firewalls and anti-virus software

All of the school's ICT devices that support software updates, security updates and anti-virus products will have these installed, and be configured to perform such updates regularly or automatically.

Users must not circumvent or make any attempt to circumvent the administrative, physical and technical safeguards we implement and maintain to protect personal data and the school's ICT facilities.

Any personal devices using the school's network must all be configured in this way.

# 8.3 Data protection

All personal data must be processed and stored in line with data protection regulations and the school's data protection policy.

#### 8.4 Access to facilities and materials

All users of the school's ICT facilities will have clearly defined access rights to school systems, files and devices.

These access rights are managed by the school network manager.

Users should not access, or attempt to access, systems, files or devices to which they have not been granted access. If access is provided in error, or if something a user should not have access to is shared with them, they should alert the school network manager immediately.

Users should always log out of systems and lock their equipment when they are not in use to avoid any unauthorised access. Equipment and systems should always be logged out of and shut down completely at the end of each working day.

# 8.5 Encryption

The school makes sure that its devices, systems and communications have an appropriate level of encryption.

All school staff should consider Google Drive (cloud storage) for both school personal, shared and confidential data to be the default. Use of portable USB devices or alternative cloud storage should be actively discouraged unless specifically authorised to do so by the headteacher.

Use of such personal devices or alternative services will only be authorised if the devices/service have appropriate levels of security and encryption.

# 9. Protection from cyber attacks

Please see the glossary (appendix 6) to help you understand cyber security terminology.

The school will:

- Work with governors and the IT department to make sure cyber security is given the time and resources it needs to make the school secure
- Provide annual training for staff (and include this training in any induction for new starters, if they join outside of the school's annual training window) on the basics of cyber security, including how to:
  - Check the sender address in an email.
  - Respond to a request for bank details, personal information or login details
  - Verify requests for payments or changes to information
- Make sure staff are aware of its procedures for reporting and responding to cyber security incidents
- Investigate whether our IT software needs updating or replacing to be more secure
- Not engage in ransom requests from ransomware attacks, as this would not guarantee recovery of data
- Put controls in place that are:
  - Multi-layered: everyone will be clear on what to look out for to keep our systems safe
  - **Proportionate**: the school will verify a third-party audit (such as 360 degrees safe) to objectively test that what it has in place is effective annually.
  - **Up to date:** with a system in place to monitor when the school needs to update its software
  - Regularly reviewed and tested: to make sure the systems are as effective and secure as they can be

- Back ups of critical infrastructure (on site servers) occur daily. All staff school personal and shared data are cloud hosted (Google Drive), which has built in redundancy/resiliency/availability
- Delegate specific responsibility for maintaining the security of our management information system (MIS) to Arbor Education, working alongside the school network manager and business manager.
- Make sure staff:
  - Dial into our network using a virtual private network (VPN) where applicable for legacy services
  - Enable multi-factor authentication where they can, on things like school email accounts
  - Store passwords securely using a password manager
- Make sure ICT staff conduct regular access reviews to make sure each user in the school has the right level of permissions and admin rights
- The Sophos XGS Firewall is always on and cannot be bypassed. School devices used off-site, also enables the Windows Firewall
- Check that its supply chain is secure, for example by asking suppliers about how secure their business practices are and checking if they have the Cyber Essentials certification
- Develop, review and test an incident response with the school's IT technician, for example, how school will communicate with everyone if communications go down, who will be contacted and when and who will notify <a href="Action Fraud">Action Fraud</a> of the incident. This plan will be review and tested annually and after a significant event has occurred, using the NCSC's 'Exercise in a Box'.
- Work with our local authority to see what it can offer the school regarding cyber security, such as advice on which service providers to use or assistance with procurement

# 10. Internet access

The school's wireless internet connection is secure.

Sophos XGS is used for both web Filtering and Firewall

There is a singular policy for all users, including guests

Inappropriate websites should be reported to the senior leadership team and school network manager for investigation and a decision made on suitability.

#### 10.1 Pupils

Wifi availability is installed throughout the Boldmere Federation of Schools to support teaching and learning and critical operations. The highest level of encryption WPA2-AES is used, with the WIFi scheduled to be off every evening and weekends. authorisation if:

# 10.2 Parents and visitors

Parents and visitors to the school will not be permitted to use the school's WiFi unless specific authorisation is granted by the school's senior leadership team.

SLT will only grant authorisation if:

- Parents are working with the school in an official capacity (e.g. as a volunteer or as a member of the PTA)
- Visitors need to access the school's WiFi in order to fulfil the purpose of their visit (for instance, to access materials stored on personal devices as part of a presentation or lesson plan)

Staff must not give the WiFi password to anyone who is not authorised to have it. Doing so could result in disciplinary action.

# 11. Monitoring and review

The senior leadership team and school network manager monitor the implementation of this policy, including ensuring it is updated to reflect the needs and circumstances of the school.

This policy will be reviewed every two years.

The governing board is responsible for the implementation and review of this policy.

# 12. Related policies

This policy should be read alongside the school's policies on:

- Safeguarding and child protection
- Behaviour
- Staff code of conduct
- Data protection
- Mobile phone

# Appendix 1: Acceptable use of the internet: agreement for parents and carers

# Acceptable use of the internet: agreement for parents and carers

Online channels are an important way for parents/carers to communicate with, or about, our school. The school uses the following channels:

- Our official Twitter / X page
- Email / text groups for parents ( for school announcements / information)
- Our virtual learning platform https://classroom.google.com

Parents/carers also set up independent channels to help them stay on top of what's happening in their child's class. For example, class/year Facebook groups, email groups, or chats (through apps such as WhatsApp).

When communicating with the school via official communication channels, or using private/independent channels to talk about the school, I will:

- Be respectful towards members of staff, and the school, at all times
- Be respectful of other parents/carers and children
- Direct any complaints or concerns through the school's official channels, so they can be dealt with in line with the school's complaints procedure

#### I will not:

- Use private groups, the school's Facebook page, or personal social media to complain about or criticise members of staff. This is not constructive and the school can't improve or address issues unless they are raised in an appropriate way
- Use private groups, the school's Facebook page, or personal social media to complain about, or try to resolve, a behaviour issue involving other pupils. I will contact the school and speak to the appropriate member of staff if I'm aware of a specific behaviour issue or incident
- Upload or share photos or videos on social media of any child other than my own, unless I have the permission of the other children's parents/carers

# Acceptable use of the school's ICT facilities and internet: agreement for pupils and parents/carers

# Name of pupil:

When I use the school's ICT facilities (like computers and equipment) and go on the internet in school, I will not:

- Use them without asking a teacher first, or without a teacher in the room with me
- Use them to break school rules
- Go on any inappropriate websites
- Go on Facebook or other social networking sites (unless my teacher said I could as part of a lesson)
- Use chat rooms
- · Open any attachments in emails, or click any links in emails, without checking with a teacher first
- Use mean or rude language when talking to other people online or in emails
- Send any photos, videos or livestreams of people (including me) who aren't wearing all of their clothes
- Share my password with others or log in using someone else's name or password
- Bully other people

I understand that the school will check the websites I visit and how I use the school's computers and equipment. This is so that they can help keep me safe and make sure I'm following the rules.

I will tell a teacher or a member of staff I know immediately if I find anything on a school computer or online that upsets me, or that I know is mean or wrong.

I will always be responsible when I use the school's ICT systems and internet.

I understand that the school can discipline me if I do certain unacceptable things online, even if I'm not in school when I do them.

**Parent/carer agreement:** I agree that my child can use the school's ICT systems and internet when appropriately supervised by a member of school staff. I agree to the conditions set out above for pupils using the school's ICT systems and internet, and for using personal electronic devices in school, and will make sure my child understands these.

# Acceptable use of the school's ICT facilities and the internet: agreement for staff, governors, volunteers and visitors

Name	of staff	member/	governor	/volunt	eer/visitor:
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When using the school's ICT facilities and accessing the internet in school, or outside school on a work device, I will not:

- Access, or attempt to access inappropriate material, including but not limited to material of a violent, criminal or pornographic nature (or create, share, link to or send such material)
- Use them in any way which could harm the school's reputation
- · Access social networking sites or chat rooms
- Use any improper language when communicating online, including in emails or other messaging services
- Install any unauthorised software, or connect unauthorised hardware or devices to the school's network
- Share my password with others or log in to the school's network using someone else's details
- Share confidential information about the school, its pupils or staff, or other members of the community
- · Access, modify or share data I'm not authorised to access, modify or share
- Promote private businesses, unless that business is directly related to the school

I understand that the school will monitor the websites I visit and my use of the school's ICT facilities and systems.

I will take all reasonable steps to ensure that work devices are secure and password-protected when using them outside school, and keep all data securely stored in accordance with this policy and the school's data protection policy.

I will let the designated safeguarding lead (DSL) and ICT manager know if a pupil informs me they have found any material which might upset, distress or harm them or others, and will also do so if I encounter any such material.

I will always use the school's ICT systems and internet responsibly, and ensure that pupils in my care do so too.

Signed (staff member/governor/volunteer/visitor):	Date:

# Appendix: Glossary of cyber security terminology

These key terms will help you to understand the common forms of cyber attack and the measures the school will put in place. They're from the National Cyber Security Centre (NCSC) glossary.

TERM	DEFINITION
Antivirus	Software designed to detect, stop and remove malicious software and viruses.
Breach	When your data, systems or networks are accessed or changed in a non-authorised way.
Cloud	Where you can store and access your resources (including data and software) via the internet, instead of locally on physical devices.
Cyber attack	An attempt to access, damage or disrupt your computer systems, networks or devices maliciously.
Cyber incident	Where the security of your system or service has been breached.
Cyber security	The protection of your devices, services and networks (and the information they contain) from theft or damage.
Download attack	Where malicious software or a virus is downloaded unintentionally onto a device without the user's knowledge or consent.
Firewall	Hardware or software that uses a defined rule set to constrain network traffic – this is to prevent unauthorised access to or from a network.
Hacker	Someone with some computer skills who uses them to break into computers, systems and networks.
Malware	Malicious software. This includes viruses, trojans or any code or content that can adversely impact individuals or organisations.
Patching	Updating firmware or software to improve security and/or enhance functionality.
Pentest	Short for penetration test. This is an authorised test of a computer network or system to look for security weaknesses.
Pharming	An attack on your computer network that means users are redirected to a wrong or illegitimate website even if they type in the right website address.

TERM	DEFINITION
Phishing	Untargeted, mass emails sent to many people asking for sensitive information (such as bank details) or encouraging them to visit a fake website.
Ransomware	Malicious software that stops you from using your data or systems until you make a payment.
Social engineering	Manipulating people into giving information or carrying out specific actions that an attacker can use.
Spear-phishing	A more targeted form of phishing where an email is designed to look like it's from a person the recipient knows and/or trusts.
Trojan	A type of malware/virus designed to look like legitimate software that can be used to hack a victim's computer.
Two-factor/multi-factor authentication	Using 2 or more different components to verify a user's identity.
Virus	Programmes designed to self-replicate and infect legitimate software programs or systems.
Virtual private network (VPN)	An encrypted network which allows remote users to connect securely.
Whaling	Highly- targeted phishing attacks (where emails are made to look legitimate) aimed at senior people in an organisation.