

# ICT and Internet Acceptable Use Policy

## St Andrew's Church of England Primary School

We believe that 'Everyone is different. Everyone is special'. As Jesus taught us to love unconditionally, so we strive to nurture respect for all; to provide a rich and stimulating curriculum that considers the individual; and to care for the intellectual, social and spiritual well-being of our whole school community - encouraging positive engagement with the wider world, as affirmed through our school values and parable of the Good Samaritan.

Jesus said, "Love the Lord your God ..." and, "Love your neighbour as yourself." Luke 10:27



At St Andrew's we are committed to keeping pupils and staff safe. Our school policies are an essential part of the way we safeguard all members of our diverse school. We support democracy, the rule of law, individual liberty, mutual respect and tolerance of different faiths and beliefs. These principles help us to listen to each other and learn from each other to create a safe and rich learning environment for pupils and staff alike

<b>Approved by:</b>	<b>Safeguarding team</b>	<b>Date: 12/1/24</b>
---------------------	--------------------------	----------------------

<b>Last reviewed on:</b>	<b>January 2024</b>
--------------------------	---------------------

<b>Next review due by:</b>	<b>January 2025</b>
----------------------------	---------------------

The model policy on which this policy is based is © The Key Support Services Ltd | [thekeysupport.com/terms](https://thekeysupport.com/terms)

## Contents

1. Introduction and aims .....	2
2. Relevant legislation and guidance .....	3
3. Definitions .....	3
4. Unacceptable use .....	3
5. Staff (including governors, volunteers, and contractors).....	4
6. Pupils .....	7
7. Parents.....	8
8. Data security.....	9
9. Protection from cyber attacks.....	9
10. Internet access.....	10
11. Monitoring and review.....	11
Appendix 1: Facebook cheat sheet for staff	
Appendix 2: Acceptable use of the internet: agreement for parents and carers	
Appendix 3: Acceptable use agreement for staff, governors, volunteers and visitors	
Appendix 4: Glossary of cyber security terminology	

---

## 1. Introduction and aims

ICT is an integral part of the way our school works, and is a critical resource for pupils, staff, governors, volunteers and visitors. It supports teaching and learning, pastoral and administrative functions of the school.

However, the ICT resources and facilities our school uses 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 policy on data protection, online safety and safeguarding
- prevent disruption to the school through the misuse, or attempted misuse, of ICT systems, and
- 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 disciplinary policy.

## 2. Relevant legislation and guidance

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

- [Data Protection Act 2018](#)
- [The General Data Protection Regulation](#)
- [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](#)
- [The Education and Inspections Act 2006](#)
- [Keeping Children Safe in Education 2022](#)
- [Searching, screening and confiscation: advice for schools](#)
- [National Cyber Security Centre \(NCSC\): Cyber Security for Schools](#)
- [Education and Training \(Welfare of Children\) Act 2021](#)
- UKCIS guidance on [sharing nudes and semi-nudes: advice for education settings working with children and young people](#)
- [Meeting digital and technology standards in schools and colleges](#)

## 3. Definitions

- **“ICT facilities”**: includes 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 ICT service.
- **“Users”**: anyone authorised by the school to use the 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.
- **“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 ICT facilities including but not limited to documents, photos, audio, video, printed output, web pages, social networking sites, and blogs.
- See appendix 3 for a glossary of cyber security terminology.

## 4. Unacceptable use

The following is considered unacceptable use of the school's ICT facilities by any member of the school community. 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
- 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 program, tool or item of software designed to interfere with the functioning of the 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 ICT facilities
- removing, deleting or disposing of ICT equipment, systems, programs or information without permission by authorised personnel
- causing a data breach by accessing, modifying, or sharing data (including personal data) to which a user is not supposed 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 mechanisms.
- Consensual and non-consensual sharing of nude and semi-nude images and/or videos and/or livestreams
- 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 headteacher will use 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 is required for a purpose that would otherwise be considered an unacceptable use, exemptions to the policy may be granted at the headteacher's discretion.

Staff should talk to the headteacher in advance of use for permission.

## **4.2 Sanctions**

Pupils and staff who engage in any of the unacceptable activity listed above may face disciplinary action.

# **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 (SBM) manage access to the school's ICT facilities and materials for school staff. That includes, but is not limited to:

- computers, tablets and other devices
- access permissions for certain programmes or files.

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

Staff who have access to files they are not authorised to view or edit, or who need their access permissions updated or changed, should contact the SBM or Network Manger – Turn it On.

### **5.1.1 Use of phones and email**

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

This email account should be used for work purposes only.

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 which contains the personal information of another person, they must inform the SBM immediately and follow our data breach procedure.

Staff must not give their personal phone numbers to parents or pupils. Staff must use phones provided by the school to conduct all work-related business.

School phones must not be used for personal matters.

Staff who are provided with mobile phones as equipment for their role e.g. for residential visits or school trips, 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. Personal use of ICT facilities must not be overused or abused.

Personal use is permitted provided that such use:

- does not take place during contact time/teaching hours/non-break time
- 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 found in the staff handbook. Under no circumstances should a personal mobile device be used to photograph children.

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.

Staff should take care to follow the school's guidelines on social media (see Appendix 1) and use of email (see section 5.1.1) to protect themselves online and avoid compromising their professional integrity.

### **5.2.1 Personal social media accounts**

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

The school has guidelines for staff on appropriate security settings for Facebook accounts (see Appendix 1).

## **5.3 Remote access**

We allow staff to access the school's ICT facilities and materials remotely.

All staff can use emails via Outlook from home. The SBM will provide passwords.

All staff can use Onedrive to share documents securely.

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 SBM and head teacher may require from time to time 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.

The data protection policy can be found on the school website.

#### 5.4 School social media accounts

The school has no social media account.

The School Association does use Facebook, Twitter and WhatsApp for communication and this is not an official form of communication for staff in school. The school takes no active participation on this platform.

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

The school reserves the right to monitor the use of its ICT facilities and network. This includes, but is not limited to, monitoring of:

- internet sites visited
- bandwidth usage
- email accounts
- telephone calls
- user activity/access logs
- any other electronic communications.

Only authorised ICT staff may inspect, monitor, intercept, assess, record and disclose the above, to the extent permitted by law.

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.

Our governing board is responsible for making sure that:

- The school meets the DfE's [filtering and monitoring standards](#)
- Appropriate filtering and monitoring systems are in place
- Staff are aware of those systems and trained in their related roles and responsibilities
  - For the leadership team and relevant staff, this will include how to manage the processes and systems effectively and how to escalate concerns
- It regularly reviews the effectiveness of the school's monitoring and filtering systems

The school's designated safeguarding lead (DSL) will take lead responsibility for understanding the filtering and monitoring systems and processes in place.

Where appropriate, staff may raise concerns about monitored activity with the school's DSL and ICT manager, as appropriate.

## 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.
- › The pupils have access to laptops and networked computers in the classroom.
- › Specialist ICT equipment, such as that used for music or design and technology must only be used under the supervision of staff.

## 6.2 Search and deletion

Under the Education Act 2011, and in line with the Department for Education's [guidance on searching, screening and confiscation](#), the school has the right to search pupils' phones, computers or other devices for pornographic images or any other data or items banned under school rules or legislation. In St Andrew's mobile phones are only allowed in year 5 & 6 – with clear rules and expectations. The school reserves the right to remove this privilege if a child is in breach of the rules.

The school can, and will, delete files and data found on searched devices if we believe the data or file has been, or could be, used to disrupt teaching or break the school's rules.

## 6.3 Unacceptable use of ICT and the internet outside school

The school will sanction pupils, in line with the behaviour policy, if a pupil engages in any of the following **at any time** (even if they are not on school premises). Parents would always be contacted.

- › Using ICT or the internet to breach intellectual property rights or copyright
- › Using ICT or the internet 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
- › Accessing, creating, storing, linking to or sending material that is pornographic, offensive, obscene or otherwise inappropriate
- › Consensual or non-consensual sharing of nude and semi-nude images and/or videos and/or livestreams (also known as sexting or youth produced sexual imagery)
- › Activity which defames or disparages the school, or risks bringing the school into disrepute
- › Sharing confidential information about the school, other pupils, or other members of the school community
- › 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 ICT facilities or materials
- › Causing a data breach by accessing, modifying, or sharing data (including personal data) to which a user is not supposed to have access, or without authorisation
- › Using inappropriate or offensive language

## 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.

### **7.3 Communicating with parents about pupil activity**

The school will ensure that parents and carers are made aware of any online activity that their children are being asked to carry out, through the homework shared and topic webs sent out termly.

## **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 should 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 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 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](#).

This can be found on the school website.

### **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 SBM

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 SBM 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 closed down completely at the end of each working day.

### **8.5 Encryption**

The school ensures that its devices and systems have an appropriate level of encryption.

School staff may only use personal devices (including computers and USB drives) to access school data, work remotely, or take personal data (such as pupil information) out of school if they have been specifically authorised to do so by the headteacher.

Use of such personal devices will only be authorised if the devices have appropriate levels of security and encryption, as defined by the SBM and ICT service provider – Turn It On.

## **9. Protection from cyber attacks**

Please see the glossary (appendix 3) to help you understand cyber security terminology.

The school will work with Turn it On (ICT service provider) to make sure cyber security is given the time and resources it needs to make the school secure, being monitored by governors.

## **10. Internet access**

The school wireless internet connection is secured.

We use wifi filtering.

We have separate filtering systems for pupils and staff.

Parents and public cannot access our systems at all.

Be aware filters aren't fool-proof. If you need to report inappropriate sites that the filter hasn't identified please contact the office team who will report it to Turn It On.

### **10.1 Pupils**

Wifi is available via school devices with full filtering enabled.

## 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 headteacher.

The headteacher 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), or
- 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 headteacher and ICT manager/network manager/SBM will monitor the implementation of this policy, including ensuring that it is updated to reflect the needs and circumstances of the school.

This policy will be reviewed every 2 years.

The governing body will review every 2 years.

The governing board is responsible for approving this policy.

## 12. Related policies

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

- online safety
- safeguarding and child protection
- behaviour
- staff discipline
- data protection.

## Appendix 1: Facebook 'cheat sheet' for staff

**Don't accept friend requests from pupils on social media**

### 10 rules for school staff using personal Facebook accounts

1. Change your display name – use your first and middle name, use a maiden name, or put your surname backwards instead.
2. Change your profile picture to something unidentifiable, or if not, ensure that the image is professional.
3. Check your privacy settings regularly.
4. Be careful about tagging other staff members in images or posts.
5. Don't share anything publicly that you wouldn't be just as happy showing your pupils.
6. Don't use social media sites during school hours.
7. Don't make comments about your job, your colleagues, our school or your pupils online – once it's out there, it's out there.
8. Don't associate yourself with the school on your profile (e.g. by setting it as your workplace, or by 'checking in' at a school event).
9. Don't link your work email address to your social media accounts. Anyone who has this address (or your personal email address/mobile number) is able to find you using this information.
10. Consider uninstalling the Facebook app from your phone. The app recognises wifi connections and makes friend suggestions based on who else uses the same wifi connection (such as parents or pupils).

---

### Check your privacy settings

- Change the visibility of your posts and photos to **'Friends only'**, rather than 'Friends of friends'. Otherwise, pupils and their families may still be able to read your posts, see things you've shared and look at your pictures if they're friends with anybody on your contacts list.
- Don't forget to check your **old posts and photos** – go to [bit.ly/2MdQXMN](https://bit.ly/2MdQXMN) to find out how to limit the visibility of previous posts.
- The public may still be able to see posts you've **'liked'**, even if your profile settings are private, because this depends on the privacy settings of the original poster.
- **Google your name** to see what information about you is visible to the public.
- Prevent search engines from indexing your profile so that people can't **search for you by name** – go to [bit.ly/2zMdVht](https://bit.ly/2zMdVht) to find out how to do this.

- Remember that **some information is always public**; your display name, profile picture, cover photo, user ID (in the URL for your profile), country, age range and gender.

## What do to if...

### A pupil adds you on social media

- In the first instance, ignore and delete the request. Block the pupil from viewing your profile.
- Check your privacy settings again, and consider changing your display name or profile picture.
- If the pupil asks you about the friend request in person, tell them that you're not allowed to accept friend requests from pupils and that if they persist, you'll have to notify senior leadership and/or their parents. If the pupil persists, take a screenshot of their request and any accompanying messages.
- Notify the senior leadership team or the headteacher about what's happening.

### A parent adds you on social media

- It is at your discretion whether to respond. Bear in mind that:
  - responding to one parent's friend request or message might set an unwelcome precedent for both you and other teachers at the school
  - pupils may then have indirect access through their parent's account to anything you post, share, comment on or are tagged in.
- If you wish to decline the offer or ignore the message, consider drafting a stock response to let the parent know that you're doing so.

### You're being harassed on social media, or somebody is spreading something offensive about you

- **Do not** retaliate or respond in any way.
- Save evidence of any abuse by taking screenshots and recording the time and date it occurred.
- Report the material to Facebook or the relevant social network and ask them to remove it.
- If the perpetrator is a current pupil or staff member, our mediation and disciplinary procedures are usually sufficient to deal with online incidents.
- If the perpetrator is a parent or other external adult, a senior member of staff should invite them to a meeting to address any reasonable concerns or complaints and/or request they remove the offending comments or material.
- If the comments are racist, sexist, of a sexual nature or constitute a hate crime, you or a senior leader should consider contacting the police.

## Appendix 2: Acceptable use of the internet: agreement for parents and carers

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

**Name of parent/carer:**

**Name of child:**

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

- Class Dojo

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

**Signed:**

**Date:**

### Appendix 3: Acceptable use agreement for staff, governors, volunteers and visitors

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

**Name of staff member/governor/volunteer/visitor:**

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 4: 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
<b>Antivirus</b>	Software designed to detect, stop and remove malicious software and viruses.
<b>Breach</b>	When your data, systems or networks are accessed or changed in a non-authorized way.
<b>Cloud</b>	Where you can store and access your resources (including data and software) via the internet, instead of locally on physical devices.
<b>Cyber attack</b>	An attempt to access, damage or disrupt your computer systems, networks or devices maliciously.
<b>Cyber incident</b>	Where the security of your system or service has been breached.
<b>Cyber security</b>	The protection of your devices, services and networks (and the information they contain) from theft or damage.
<b>Download attack</b>	Where malicious software or a virus is downloaded unintentionally onto a device without the user's knowledge or consent.
<b>Firewall</b>	Hardware or software that uses a defined rule set to constrain network traffic – this is to prevent unauthorised access to or from a network.
<b>Hacker</b>	Someone with some computer skills who uses them to break into computers, systems and networks.
<b>Malware</b>	Malicious software. This includes viruses, trojans or any code or content that can adversely impact individuals or organisations.
<b>Patching</b>	Updating firmware or software to improve security and/or enhance functionality.
<b>Pentest</b>	Short for penetration test. This is an authorised test of a computer network or system to look for security weaknesses.
<b>Pharming</b>	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
<b>Phishing</b>	Untargeted, mass emails sent to many people asking for sensitive information (such as bank details) or encouraging them to visit a fake website.
<b>Ransomware</b>	Malicious software that stops you from using your data or systems until you make a payment.
<b>Social engineering</b>	Manipulating people into giving information or carrying out specific actions that an attacker can use.
<b>Spear-phishing</b>	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.
<b>Trojan</b>	A type of malware/virus designed to look like legitimate software that can be used to hack a victim's computer.
<b>Two-factor/multi-factor authentication</b>	Using 2 or more different components to verify a user's identity.
<b>Virus</b>	Programmes designed to self-replicate and infect legitimate software programs or systems.
<b>Virtual private network (VPN)</b>	An encrypted network which allows remote users to connect securely.
<b>Whaling</b>	Highly- targeted phishing attacks (where emails are made to look legitimate) aimed at senior people in an organisation.