



SCARF mapping to Education for a Connected World – 2020 edition

A framework to equip children and young people for digital life

Education for a Connected World is a framework to equip children and young people for digital life. It was written by the UK Council for Internet Safety and enables the development of teaching and learning as well as guidance to support children and young people to live knowledgeably, responsibly and safely in a digital world. It focuses specifically on eight different aspects of online education:

1. Self-image and identity	This strand explores the differences between online and offline identity beginning with self-awareness, shaping online identities and media influence in propagating stereotypes. It identifies effective routes for reporting and support and explores the impact of online technologies on self-image and behaviour.
2. Online relationships	This strand explores how technology shapes communication styles and identifies strategies for positive relationships in online communities. It offers opportunities to discuss relationships, respecting, giving and denying consent and behaviours that may lead to harm and how positive online interaction can empower and amplify voice.
3. Online reputation	This strand explores the concept of reputation and how others may use online information to make judgements. It offers opportunities to develop strategies to manage personal digital content effectively and capitalise on technology's capacity to create effective positive profiles.
4. Online bullying	This strand explores bullying and other online aggression and how technology impacts those issues. It offers strategies for effective reporting and intervention and considers how bullying and other aggressive behaviour relates to legislation.
5. Managing online information	This strand explores how online information is found, viewed and interpreted. It offers strategies for effective searching, critical evaluation of data, the recognition of risks and the management of online threats and challenges. It explores how online threats can pose risks to our physical safety as well as online safety. It also covers learning relevant to ethical publishing.
6. Health, well-being and lifestyle	This strand explores the impact that technology has on health, well-being and lifestyle e.g. mood, sleep, body health and relationships. It also includes understanding negative behaviours and issues amplified and sustained by online technologies and the strategies for dealing with them.
7. Privacy and security	This strand explores how personal online information can be used, stored, processed and shared. It offers both behavioural and technical strategies to limit impact on privacy and protect data and systems against compromise.
8. Copyright and ownership	This strand explores the concept of ownership of online content. It explores strategies for protecting personal content and crediting the rights of others as well as addressing potential consequences of illegal access, download and distribution.

The framework aims to support and broaden the provision of online safety education, so that it is empowering, builds resilience and effects positive culture change. The objectives promote the development of safe and appropriate long-term behaviours, and support educators in shaping the culture within their setting.

School leaders, teachers and other members of the children's workforce can use this framework for a wide range of purposes, including:

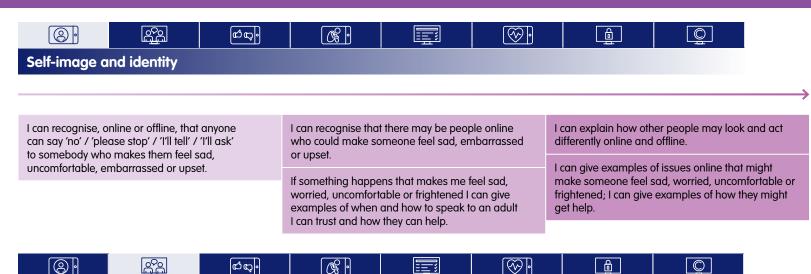
- Developing a rich, effective and developmental curriculum, which will support young people to be safe, healthy and thriving online
- Auditing and evaluating existing provision of online safety education
- Coordinating delivery of online safety education throughout the curriculum
- Improving engagement across the wider school community on issues related to online safety
- Developing effective training for staff and governors / board members

Online safety is a whole school issue. The framework aims to support the development of the curriculum and is of particular relevance to PSHE education, Relationships and Sex Education, Health Education and Computing. It is designed, however, to be usable across the curriculum and to be central to a whole school approach to safeguarding and online safety.

According to the DfE, the body that wrote the guidance, much of the specific knowledge young people will need to enable them to live safely and thrive online are identified throughout the new statutory subjects of Relationships Education, Relationships and Sex Education and Health Education, all of which are now statutory from September 2020 in England. The document focuses on the importance of ensuring that factual knowledge is set within learning that provides a broader understanding of the digital world and the development of digital skills.

Many of the learning outcomes laid out in the framework are presented in terms of being online, when in fact these skills are perhaps best learnt initially in offline examples; they can then be applied to online situations. Nevertheless, there are some explicit lessons that cover online safety in more depth, which are noted in the mapping below. Note that not all of the learning outcomes from the framework are covered in SCARF, especially in younger year groups, but throughout the programme, enables safe online behaviour and relationships as well as focussing on healthy, positive offline relationships etc.

Early Years and Key Stage 1



SCARF lesson plans support these statements, both holistically through teaching about what to do and who to talk to if they feel unsafe online, describe different feelings and use this skill to manage relationships and specific lesson plans, including:

N Marvellous me!

N I'm special

R Keeping safe online

Y1 Sharing pictures

Y2 Playing games

Y2 My body, your body

I can recognise some ways in which the internet can be used to communicate.

Online relationships

I can give examples of how I (might) use technology to communicate with people I know.

I can give examples of when I should ask permission to do something online and explain why this is important.

I can use the internet with adult support to communicate with people I know (e.g. video call apps or services).

I can explain why it is important to be considerate and kind to people online and to respect their choices.

I can explain why things one person finds funny or sad online may not always be seen in the same way by others. I can give examples of how someone might use technology to communicate with others they don't also know offline and explain why this might be risky. (e.g. email, online gaming, a pen-pal in another school / country).

I can explain who I should ask before sharing things about myself or others online.

I can describe different ways to ask for, give, or deny my permission online and can identify who can help me if I am not sure.

I can explain why I have a right to say 'no' or 'I will have to ask someone'. I can explain who can help me if I feel under pressure to agree to something I am unsure about or don't want to do.

I can identify who can help me if something happens online without my consent.

I can explain how it may make others feel if I do not ask their permission or ignore their answers before sharing something about them online.

I can explain why I should always ask a trusted adult before clicking 'yes', 'agree' or 'accept' online.

SCARF lesson plans support these statements, both holistically through teaching about respectful relationships, and through specific lesson plans, including:

R Keeping safe online

Y1 Pass on the praise!

Y1 Good friends

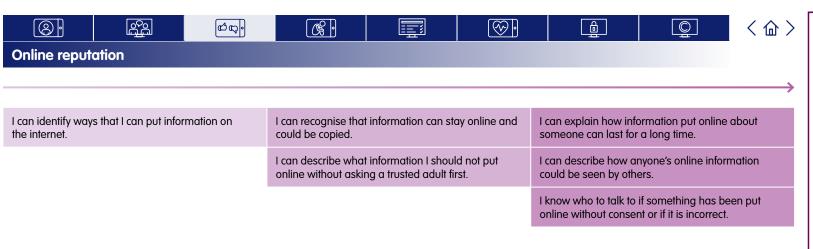
Y1 Sharing pictures

Y2 Playing games

Y2 How do we make others feel?

Y2 Feeling safe

Y2 Being a good friend



SCARF lesson plans support these statements, both holistically through teaching about trust, listening to their feelings, knowing who to turn to for help and through specific lesson plans, including:

N People who help me and keep me

R Keeping safe online

Y1 Sharing pictures

Y2 Should I tell?



I can describe ways that some people can be unkind online.

I can describe how to behave online in ways that do not upset others and can give examples.

I can explain what bullying is, how people may bully others and how bullying can make someone feel.

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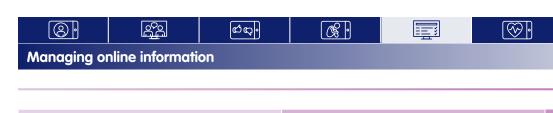
SCARF lesson plans support these statements, both holistically through teaching about bullying, and relationships and through specific lesson plans, including:

Y1 Who can help? (1)

Y2 Types of bullying

Y2 Should I tell?

Y2 What should Harold say?



I can talk about how to use the internet as a way of finding information online.

I can identify devices I could use to access information on the internet.

I can give simple examples of how to find information using digital technologies, e.g. search engines, voice activated searching).

I know / understand that we can encounter a range of things online including things we like and don't like as well as things which are real or make believe / a joke.

I know how to get help from a **trusted adult** if we see content that makes us feel sad, uncomfortable worried or frightened.

I can use simple keywords in search engines.

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I can demonstrate how to navigate a simple webpage to get to information I need (e.g. home, forward, back buttons; links, tabs and sections).

I can explain what **voice activated searching** is and how it might be used, and know it is not a real person (e.g. Alexa, Google Now, Siri).

I can explain the difference between things that are imaginary, 'made up' or 'make believe' and things that are 'true' or 'real'.

I can explain why some information I find online may not be real or true.

SCARF lesson plans support these statements, both holistically through teaching about managing risk and decision making and through specific lesson plans, including:

Y1 Sharing pictures

Y2 Playing games

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Y2 Solve the problem



Health, well-being and lifestyle

I can identify rules that help keep us safe

I can explain rules to keep myself safe when using and beyond the home.

I can give some simple examples of these rules.

I can explain simple guidance for using technology in different environments and settings e.g. accessing online technologies in public places and the home environment.

I can say how those rules / guides can help anyone accessing online technologies.

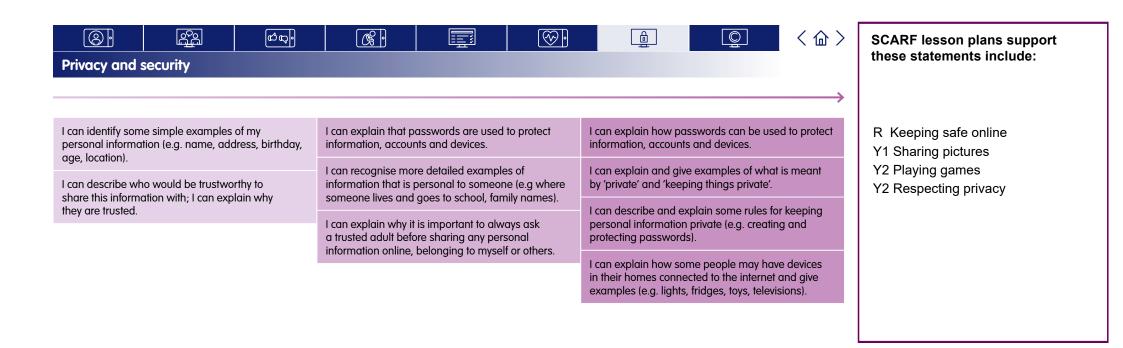
SCARF lesson plans support these statements, both holistically through teaching lessons that promote a balanced lifestyle:

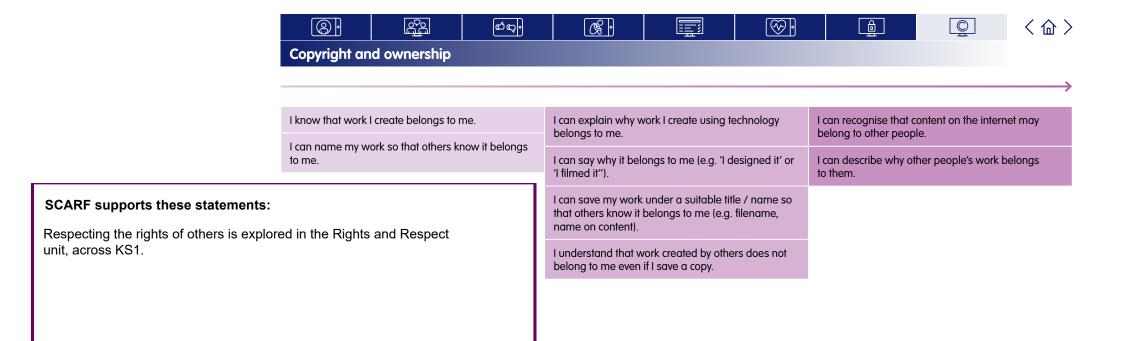
N People who help me and keep me safe Y2 My day

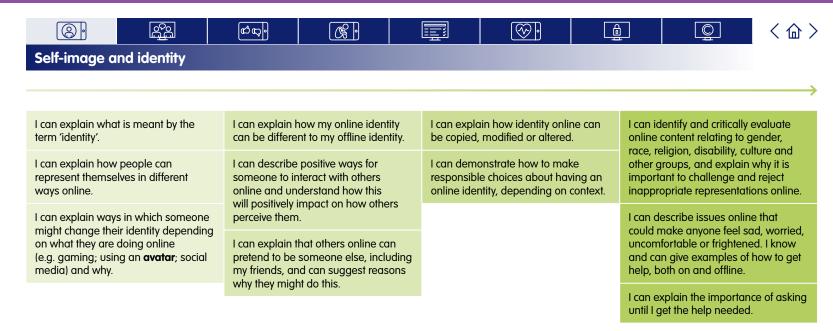
Y1 Our feelings Y2 How safe would you feel?

Y1 Why we have classroom rules Y1 Y2 Feeling safe

Harold's school rules







SCARF lesson plans support these statements, both holistically through teaching about critical thinking skills, listening to their feelings, recognising and managing influences from friends, peers and the media, knowing and who to turn to for help and through specific lesson plans, including:

Y3 None of your business!

Y3 I am fantastic!

Y4 Ok or not ok? (part 2)

Y5 Star qualities?

Y5 Spot bullying

Y5 Play, like, share

Y6 I look great!

Y6 Media manipulation

Y6 Fakebook friends

Y6 Joe's story (part 2) (OPTIONAL)

Y6 What's the risk? (2)

Y6 Pressure online

Y6 To share or not to share?



















Online relationships

I can describe ways people who have similar likes and interests can get together online.

I can explain what it means to 'know someone' online and why this might be different from knowing someone offline.

I can explain what is meant by 'trusting someone online', why this is different from 'liking someone online', and why it is important to be careful about who to trust online including what information and content they are trusted with.

I can explain why someone may change their mind about trusting anyone with something if they feel nervous, uncomfortable or worried.

I can explain how someone's feelings can be hurt by what is said or written online

I can explain the importance of giving and gaining permission before sharing things online; how the principles of sharing online is the same as sharing offline e.g. sharing images and videos. I can describe strategies for safe and fun experiences in a range of online social environments (e.g. **livestreaming**, gaming platforms).

I can give examples of how to be respectful to others online and describe how to recognise healthy and unhealthy online behaviours.

I can explain how content shared online may feel unimportant to one person but may be important to other people's thoughts feelings and beliefs. I can give examples of technologyspecific forms of communication (e.g. **emojis, memes and GIFs**).

I can explain that there are some people I communicate with online who may want to do me or my friends harm. I can recognise that this is not my / our fault.

I can describe some of the ways people may be involved in online communities and describe how they might collaborate constructively with others and make positive contributions. (e.g. gaming communities or social media groups).

I can explain how someone can get help if they are having problems and identify when to tell a trusted adult.

I can demonstrate how to support others (including those who are having difficulties) online. I can explain how sharing something online may have an impact either positively or negatively.

I can describe how to be kind and show respect for others online including the importance of respecting boundaries regarding what is shared about them online and how to support them if others do not.

I can describe how things shared privately online can have unintended consequences for others. e.g. screen-grabs.

I can explain that taking or sharing inappropriate images of someone (e.g. embarrassing images), even if they say it is okay, may have an impact for the sharer and others; and who can help if someone is worried about this.

SCARF lesson plans support these statements, both holistically through teaching about respectful relationships, and through specific lesson plans, including:

Y3 Relationship tree

Y3 None of your business!

Y3 Zeb

Y3 Let's celebrate our differences

Y4 Ok or not ok? (part 2)

Y4 How do we make a difference?

Y4 Can you sort it?

Y5 Spot bullying

Y5 Communication

Y5 Play, like, share

Y5 Is it true?

Y6 We have more in common than not

Y6 Think before you click!

Y6I look great!

Y6 It's a puzzle



I can explain how to search for information about others online.

I can give examples of what anyone may or may not be willing to share about themselves online. I can explain the need to be careful before sharing anything personal.

I can explain who someone can ask if they are unsure about putting something online.

I can describe how to find out information about others by searching online.

I can explain ways that some of the information about anyone online could have been created, copied or shared by others.

I can search for information about an individual online and summarise the information found.

I can describe ways that information about anyone online can be used by others to make judgments about an individual and why these may be incorrect. I can explain the ways in which anyone can develop a positive online reputation.

I can explain strategies anyone can use to protect their 'digital personality' and online reputation, including degrees of anonymity.

SCARF lesson plans support these statements, both holistically through teaching about managing risk, listening to their feelings, knowing who to turn to for help and respectful online behaviours, and through specific lesson plans, including:

Y3 Super Searcher

Y3 None of your business!

Y4 How do we make a difference?

Y4 Traffic lights (OPTIONAL)

Y4 Picture wise

Y4 Keeping ourselves safe

Y5 Communication Y5 Spot bullying Y5 Play, like, share

Y5 Is it true?

Y6 What's the risk? (2)

Y6 To share or not to share?

Y6 Pressure online

Y6 Think before you click!Y6

It's a puzzle



I can describe appropriate ways to behave towards other people online and why this is important.

I can give examples of how bullying behaviour could appear online and how someone can get support. I can recognise when someone is upset, hurt or angry online.

I can describe ways people can be bullied through a range of media (e.g. image, video, text, **chat**).

I can explain why people need to think carefully about how content they post might affect others, their feelings and how it may affect how others feel about them (their reputation). I can recognise online bullying can be different to bullying in the physical world and can describe some of those differences.

I can describe how what one person perceives as playful joking and teasing (including **'banter'**) might be experienced by others as bullying.

I can explain how anyone can get help if they are being bullied online and identify when to tell a trusted adult.

I can identify a range of ways to report concerns and access support both in school and at home about online bullying.

I can explain how to block abusive users.

I can describe the **helpline services** which can help people experiencing bullying, and how to access them (e.g. Childline or The Mix).

I can describe how to capture bullying content as evidence (e.g **screen-grab**, **URL**, **profile**) to share with others who can help me.

I can explain how someone would report online bullying in different contexts.

SCARF lesson plans support these statements, both holistically through teaching about respectful relationships, and through specific lesson plans, including:

Y3 Relationship tree

Y3 None of your business!

Y3 Zeb

Y3 Let's celebrate our differences

Y4 Ok or not ok? (part 2)

Y4 How do we make a difference?

Y4 How dare you! Y4 Can you sort it? Y5 Spot bullying

Y5 Communication

Y5 Play, like, share

Y5 Is it true?

Y6 We have more in common than not

Y6 Think before you click!

Y6 I look great! Y6 It's a puzzle



I can demonstrate how to use key phrases in search engines to gather

accurate information online.

I can explain what **autocomplete** is and how to choose the best suggestion.

I can explain how the internet can be used to sell and buy things.

I can explain the difference between a 'belief', an 'opinion' and a 'fact. and can give examples of how and where they might be shared online, e.g. in videos, memes, posts, news stories etc.

I can explain that not all opinions shared may be accepted as true or fair by others (e.g. monsters under the bed).

I can describe and demonstrate how we can get help from a trusted adult if we see content that makes us feel sad, uncomfortable worried or frightened.

It is important that learning outcomes are interpreted within contexts that are relevant to the learner's experience and are achieved through learning that is matched to the readiness of the learner. I can analyse information to make a judgement about probable accuracy and I understand why it is important to make my own decisions regarding content and that my decisions are respected by others.

I can describe how to search for information within a wide group of technologies and make a judgement about the probable accuracy (e.g. social media, image sites, video sites).

I can describe some of the methods used to encourage people to buy things online (e.g. advertising offers; in-app purchases, pop-ups) and can recognise some of these when they appear online.

I can explain why lots of people sharing the same opinions or beliefs online do not make those opinions or beliefs true.

I can explain that technology can be designed to act like or impersonate living things (e.g. **bots**) and describe what the benefits and the risks might be.

I can explain what is meant by **fake news** e.g. why some people will create stories or alter photographs and put them online to pretend something is true when it isn't.

I can explain the benefits and limitations of using different types of search technologies e.g. voice-activation search engine. I can explain how some technology can limit the information I aim presented with e.g. voice-activated searching giving one result.

I can explain what is meant by 'being sceptical'; I can give examples of when and why it is important to be 'sceptical'.

I can evaluate digital content and can explain how to make choices about what is trustworthy e.g. differentiating between adverts and search results.

I can explain key concepts including: information, reviews, fact, opinion, belief, validity, reliability and evidence.

I can identify ways the internet can draw us to information for different agendas, e.g. website notifications, **pop-ups**, targeted ads. I can explain how search engines work and how results are selected and ranked.

I can explain how to use search technologies effectively.

I can describe how some online information can be opinion and can offer examples.

I can explain how and why some people may present 'opinions' as 'facts'; why the popularity of an opinion or the personalities of those promoting it does not necessarily make it true, fair or perhaps even legal.

I can define the terms 'influence', 'manipulation' and 'persuasion' and explain how someone might encounter these online (e.g. advertising and 'ad targeting' and targeting for fake news).

I understand the concept of **persuasive design** and how it can be used to influences peoples' choices.

I can describe ways of identifying when online content has been commercially sponsored or boosted, (e.g. by commercial companies or by **vloggers**, **content creators**, **influencers**).

I can explain what is meant by the term 'stereotypes', how 'stereotypes' are amplified and reinforced online, and why accepting 'stereotypes' may influence how people think about others.

I can describe how **fake news** may affect someone's emotions and behaviour, and explain why this may be harmful.

I can explain what is meant by a 'hoax'. I can explain why someone would need to think carefully before they share. I can demonstrate how to analyse and evaluate the validity of 'facts' and information and I can explain why using these strategies are important.

I can explain how companies and news providers target people with online news stories they are more likely to engage with and how to recognise this.

I can describe the difference between online **misinformation** and **dis-information**.

I can explain why information that is on a large number of sites may still be inaccurate or untrue. I can assess how this might happen (e.g. the sharing of misinformation or disinformation).

I can identify, flag and report inappropriate content.

SCARF lesson plans support these statements, both holistically through teaching critical thinking skills, and risk management, and through specific lesson plans, including:

Y3 Super Searcher Y5 Play, like, share

Y3 None of your business! Y5 Is it true?

Y4 How do we make a difference? Y6 What's the risk? (2)

Y4Traffic lights Y6 To share or not to share?

Y4 Picture wise Y6 Pressure online

Y4 Keeping ourselves safe Y6 Think before you click!Y

Y5 Communication 6 It's a puzzle

Y5 Spot bullying



I can explain why spending too much time using technology can sometimes have a negative impact on anyone, e.g. mood, sleep, body, relationships; I can give some examples of both positive and negative activities where it is easy to spend a lot of time engaged (e.g. doing homework, games, films, videos).

I can explain why some online activities have age restrictions, why it is important to follow them and know who I can talk to if others pressure me to watch or do something online that makes me feel uncomfortable (e.g. age restricted gaming or web sites).

I can explain how using technology can be a distraction from other things, in both a positive and negative way.

I can identify times or situations when someone may need to limit the amount of time they use technology e.g. I can suggest strategies to help with limiting this time.

I can describe ways technology can affect health and well-being both positively (e.g. mindfulness apps) and negatively.

I can describe some strategies, tips or advice to promote health and wellbeing with regards to technology.

I recognise the benefits and risks of accessing information about health and well-being online and how we should balance this with talking to trusted adults and professionals.

I can explain how and why some apps and games may request or take payment for additional content (e.g. in-app purchases, lootboxes) and explain the importance of seeking permission from a trusted adult before purchasing.

I can describe common systems that regulate age-related content (e.g. **PEGI**, **BBFC**, parental warnings) and describe their purpose.

I recognise and can discuss the pressures that technology can place on someone and how / when they could manage this.

I can recognise features of **persuasive design** and how they are used to keep users engaged (current and future use).

I can assess and action different strategies to limit the impact of technology on health (e.g. **night-shift mode**, regular breaks, correct posture, sleep, diet and exercise).

SCARF lesson plans that support these statements:

The SCARF curriculum supports these statements holistically through lessons that promote a balanced lifestyle.

These include:

Y4 An email from Harold!

Y4 SCARF hotel

Y5 What's the story?

Y6 Rat Park

Y6Five Ways to Wellbeing project

Y6Advertising friendships!

Y6Helpful or unhelpful? Managing change



Privacy and security

I can describe simple strategies for creating and keeping passwords private.

I can give reasons why someone should only share information with people they choose to and can trust. I can explain that if they are not sure or feel pressured then they should tell a trusted adult.

I can describe how connected devices can collect and share anyone's information with others. I can describe strategies for keeping personal information private, depending on context.

I can explain that internet use is never fully private and is monitored, e.g. adult supervision.

I can describe how some online services may seek consent to store information about me; I know how to respond appropriately and who I can ask if I am not sure.

I know what the **digital age of consent** is and the impact this has on online services asking for consent.

I can explain what a **strong password** is and demonstrate how to create one.

I can explain how many free apps or services may read and share private information (e.g. friends, contacts, **likes**, images, videos, voice, messages, **geolocation**) with others.

I can explain what app permissions are and can give some examples.

I can describe effective ways people can manage passwords (e.g. storing them securely or saving them in the browser).

I can explain what to do if a password is shared, lost or stolen.

I can describe how and why people should keep their software and apps up to date, e.g. auto updates.

I can describe simple ways to increase privacy on apps and services that provide privacy settings.

I can describe ways in which some online content targets people to gain money or information illegally; I can describe strategies to help me identify such content (e.g. scams, phishing).

I know that online services have **terms and conditions** that govern their use.

SCARF lesson plans that support these statements:

Y3 None of your business!

Y4 Ok or not ok? (part 2)

Y5 Spot bullying

Y5P lay, like, share

Y6 Fakebook friends

Y6 What's the risk? (2)

Y6 Pressure online

Y6 To share or not to share?



I can explain why copying someone else's work from the internet without permission isn't fair and can explain what problems this might cause. When searching on the internet for content to use, I can explain why I need to consider who owns it and whether I have the right to reuse it.

I can give some simple examples of content which I must not use without permission from the owner, e.g. videos, music, images. I can assess and justify when it is acceptable to use the work of others.

I can give examples of content that is permitted to be reused and know how this content can be found online. I can demonstrate the use of search tools to find and access online content which can be reused by others.

I can demonstrate how to make references to and acknowledge sources I have used from the internet.

SCARF lesson plans that support these statements:

The SCARF curriculum supports these statements holistically.

Children learn about respectful behaviours, both online and offline, including a sense of fairness.

Respecting the rights of others is explored in the Rights and Respect unit, across KS2.