Year 3
Knowledge, Skills and Understanding breakdown for Computing

Self Image and Identity	Online relationships	Online reputation
I can explain what is meant by the term 'identity'. I can explain ways in which and why I might change my identity depending on what I am doing online (e.g. gaming; using an avatar; social media).	I can give examples of technology-specific forms of communication I can explain some risks of communicating online with others I don't know well. I can explain how my and other people's feelings can be hurt by what is said or written online. I can explain why I should be careful who I trust online and what information I can trust them with. I can explain what is meant by 'trusting someone online'. I can explain why this is different from 'liking someone online'	I can search for information about myself online. I can recognise I need to be careful before I share anything about myself or others online. I know who I should ask if I am not sure if I should put something online.
Online bullying	Managing Online information	Health, wellbeing and lifestyle
I can explain what bullying is and can describe how people may bully others. I can describe rules about how to behave online and how I follow them.	I can use key phrases in search engines. 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'.	I can explain why spending too much time using technology can sometimes have a negative impact on me
Privacy and Security	Copyright and Ownership	
I can give reasons why I should only share information with people I choose to and can trust. I can explain that if I am not sure or I feel pressured, I should ask a trusted adult. I understand and can give reasons why passwords are important. I can describe how connected devices can collect and	I can explain why copying someone else's work from the internet without permission can cause problems. I can give examples of what those problems might be.	

Challenge

Year 3			

Year 4
Knowledge, Skills and Understanding breakdown for Computing

Self Image and Identity	Online relationships	Online reputation
I can explain how my online identity can be different to the identity I present in 'real life' Knowing this, I can describe the right decisions about how I interact with others and how others perceive me.	I can describe strategies for safe and fun experiences in a range of online social environments I can give examples of how to be respectful to others online	I can describe how others can find out information about me by looking online. I can explain ways that some of the information about me online could have been created, copied or shared by others.
Online bullying	**Managing Online information**	**Health, wellbeing and lifestyle**
I can identify some online technologies where bullying might take place. I can describe ways people can be bullied through a range of media I can explain why I need to think carefully about how content I post might affect others, their feelings and how it may affect how others feel about them (their reputation).	I can analyse information and differentiate between 'opinions', 'beliefs' and 'facts'. I understand what criteria have to be met before something is a 'fact'. I can describe how I can search for information within a wide group of technologies I can describe some of the methods used to encourage people to buy things online I can explain why lots of people sharing the same opinions or beliefs online does not make those opinions or beliefs true.	I can explain how using technology can distract me from other things I might do or should be doing. I can identify times or situations when I might need to limit the amount of time I use technology.
Privacy and Security	**Copyright and Ownership**	
I can explain what a strong password is. I can describe strategies for keeping my personal information private, depending on context. I can explain that others online can pretend to be me or other people, including my friends I can explain how internet use can be monitored	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.	

Challenge

Year 4			

Computing—Online Safety

Year 5
Knowledge, Skills and Understanding breakdown for Computing

Self Image and Identity	Online relationships	Online reputation
I can explain how identity online can be copied, modified or altered. I can demonstrate responsible choices about my online identity, depending on context.	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 make positive contributions and be part of online communities.	I can search for information about an individual online and create a summary report of the information I find. I can describe ways that information about people online can be used by others to make judgments about an individual.
Online bullying	**Managing Online information**	**Health, wellbeing and lifestyle**
I can recognise when someone is upset, hurt or angry online. I can describe how to get help for someone that is being bullied online and assess when I need to do or say something or tell someone. I can explain how to block abusive users. I can explain how I would report online bullying on the apps and platforms that I use. I can describe the helpline services who can support me and what I would say and do if I needed their help (e.g. Childline).	I can use different search technologies. I can evaluate digital content I can explain key concepts including: data, information, fact, opinion belief, true, false, valid, reliable and evidence. I understand the difference between online mis-information and dis-information. I can explain what is meant by 'being sceptical'. I can explain what is meant by a 'hoax'. • I can explain why some information I find online may not be honest, accurate or legal.	I can describe ways technology can affect healthy sleep and can describe some of the issues.
Privacy and Security	**Copyright and Ownership**	
I can create and use strong and secure passwords. I can explain how many free apps or services may read and share my private information with others. I can explain how and why some apps may request or take payment for additional content and explain why I should seek permission from a trusted adult before purchasing.	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.	

Challenge		
Year 5		

Computing—Online Safety

Year 6		
Knowledge, Skills and Understanding breakdown for Computing		
Self Image and Identity	Online relationships	Online reputation
I can describe ways in which media can shape ideas about gender. I can identify messages about gender roles and make judgements based on them. I can challenge and explain why it is important to reject inappropriate messages about gender online I can explain why I should keep asking until I get the help I need.	I can show I understand my responsibilities for the well-being of others in my online social group. I can explain how impulsive and rash communications online may cause problems I can demonstrate how I would support others (including those who are having difficulties) online. I can demonstrate ways of reporting problems online for both myself and my friends.	I can explain how I am developing an online reputation which will allow other people to form an opinion of me. I can describe some simple ways that help build a positive online reputation
Online bullying	Managing Online information	Health, wellbeing and lifestyle
I can describe how to capture bullying content as evidence (e.g screengrab, URL, profile) to share with others who can help me. I can identify a range of ways to report concerns both in school and at home about online bullying	I can use search technologies effectively. I can explain how search engines work and how results are selected and ranked. I can demonstrate the strategies I would apply to be discerning in evaluating digital content. I can explain how and why some people may present 'opinions' as 'facts'. I can define the terms 'influence', 'manipulation' and 'persuasion' and explain how I might encounter these online I can demonstrate strategies to enable me to analyse and evaluate the validity of 'facts' and I can explain why using these strategies are important. I can identify, flag and report inappropriate content	I can describe common systems that regulate age-related content (I can assess and action different strategies to limit the impact of technology on my health I can explain the importance of selfregulating my use of technology
Privacy and Security	Copyright and Ownership	
I use different passwords for a range of online services. I know what to do if my password is lost or stolen. I can explain what app permissions are and can give some examples from the technology or services I use. I can describe simple ways to increase privacy on apps 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 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	
Challenge		
Year 6		