E-Safety Unit trail – Year 5

Unit	Coverage
Unit 5.1 **We are game developers**	• The pupils need to consider copyright when sourcing images or media for their games and/or uploading their own work to the Scratch community site. • Searching for content for their games or viewing others' games also offers an opportunity to develop safe search habits. • If the pupils participate in the Scratch community, they need to think about what information they can share and how to participate positively in an online community, as well as obtaining parental permission. • The pupils might also consider some personal implications of playing games, perhaps including violent computer games.
Unit 5.2 **We are cryptographers**	• The pupils learn how information can be communicated in secret over open channels, including the internet, using cryptography. • They learn about the public key system used to sign and encrypt content on the web, and how they can check the security certificates of encrypted websites. • They learn about the importance of password security for online identity and consider what makes a secure password.
Unit 5.3 **We are artists**	• The unit provides an opportunity to reinforce messages around safe searching and evaluating the quality of online content. • If the pupils upload their work for others to see, they should consider the importance of protecting personal information as well as recognising that they are sharing their own copyrighted work with an audience.
Unit 5.4 **We are web developers**	• E-safety forms the focus of this unit, with the pupils working collaboratively to develop a website in which they present their own authoritative content on a broad range of issues around the safe and responsible use of technology. • In doing so, they consider the reliability and bias of online content, how to contribute positively to a shared resource, and how to use search engines safely and effectively.
Unit 5.5 **We are bloggers**	• The pupils write content for their own or a shared blog, thinking carefully about what can be appropriately shared online. • They consider issues of copyright and digital footprint as well as what constitutes acceptable behaviour when commenting on others' blog posts. • The pupils also think about the importance of creating high-quality online content and become more discerning in evaluating content as they review others' blogs. • If the pupils' blogs are publicly accessible, it is important that any comments are moderated by their teacher; it is worth discussing with the pupils why the comments should be moderated.
Unit 5.6 **We are architects**	• The pupils should observe good practice when searching for and selecting digital content. • If the pupils choose to locate their 3D models geographically, they should avoid sharing private information. • The pupils should think about copyright when adding content to their model or publishing images or videos of their model.