

Scheme of Learning: Year 7 Computing**Topic Sequence:**

1	2	3	4	5	6
Collaborating online respectfully	Networks from semaphores to the Internet	Programming essentials in Scratch – part I	Modelling data using spreadsheets	Programming essentials in Scratch – part II	Using media – Gaining support for a cause

Topic Overview:

This unit has been designed to ensure that learners are given sufficient time to familiarise themselves with the school network. It also allows the teacher to discuss appropriate use of the school network, and to update and remind learners of important online safety issues. Whilst completing this unit, learners will also learn how to use presentation software effectively. In terms of online safety, this unit focuses on respecting others online, spotting strangers, and the effects of cyberbullying.

Links
Year 7- Using Media, GCSE - Computing Ethical and Legal Issues

Lesson Sequence:

Lesson 1: Welcome to the computing lab - It is important that year 7 know how to log on, create a secure password, and follow the rules that keep them safe. This lesson has been designed to give teachers time to ensure that learners can do this. The lesson is intentionally low on content as it is the first computing lesson.

Lesson 2: Welcome to your workstation - This lesson gives time to introduce the school network to the learners. They will have a tour of the common applications and their personal work areas. They will also learn how to send a respectful email to their peers and teachers. This lesson introduces learners to communicating respectfully online. As with the last lesson, this lesson is intentionally low on content.

Lesson 3: Respectful online communication - Learners need to be able to work successfully when collaborating online. Last lesson focused on email communication, but there are lots of other ways to communicate with others online. This lesson digs deeper into online communication and shows learners how to make positive contributions to their online community.

Lesson 4: Presenting to an audience: part 1 - This lesson focuses on the skills required to plan an effective presentation for an audience. It also explores the term 'cyberbullying' and the effects of cyberbullying.

Lesson 5: Presenting to an audience: part 2 - This lesson is a continuation of the previous lesson. Learners are reminded of good practice for presentations through a 'true or false' activity. They then continue to work on their presentations, in preparation for showing them to the class.

Lesson 6: Who are you talking to? - This lesson introduces learners to the concept of people impersonating others online. This can be done in different contexts, but this lesson focuses on people pretending to be one of our 'non-digital world' friends.

National curriculum links

Create, reuse, revise and repurpose digital artefacts for a given audience, with attention to trustworthiness, design and usability
Understand a range of ways to use technology safely, respectfully, responsibly, and securely, including protecting their online identity and privacy; recognise inappropriate content, contact and conduct and know how to report concerns

Education for a Connected World links*Online relationships*

I can explain what it means to 'know someone' online and why this might be different from knowing someone offline (11-14)

I can explain how sharing something online may have an impact either positively or negatively (11-14)

Online bullying

I can recognise online bullying can be different to bullying in the physical world and can describe some of those difference (11-14)

I can identify a range of ways to report concerns and access support both in school and at home about online bullying. (11-14)

Privacy and security

I can explain what a strong password is and demonstrate how to create one. (11-14)

I can explain that internet use is never fully private and is monitored, e.g. adult supervision. (11-14)

Sequence of Lessons:

1	Welcome to the Computing Lab
2	Welcome to your Workstation
3	Respectful Online Communication
4	Presenting to an Audience
5	Presenting to an Audience
6	Who are you talking to?

Topic Resources:

Knowledge Map:	7.1: Messaging in Digital Media	Any other Resources:	
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Assessment:

Knowledge:	21 question multiple choice questions
Application of Knowledge:	Presentation Assessment via Rubric

Supportive Reading:

BBC BiteSzie	How to deal with cyber-bullying - BBC Bitesize
NSPCC	Positively online: top tips for online wellbeing NSPCC