

## Long Term Mapping KS5 ICT

		Cycle 1 (2019-2020)	Cycle 2 (2020-2021)	Cycle 3 (2021-2022)
Autumn	1	Online Privacy	Online Privacy	Understanding Online Safety
	2	Identifying and Reporting Concerns	Acceptable and Unacceptable behaviour online	Identifying and Reporting
Spring	1	Networking	Debugging	Algorithm Project
	2	Basic ICT Skills	Basic ICT Skills	Basic ICT Skills
Summer	1	Creative Project	Photo Editing	ICT for a purpose
	2	Creative Project	Presenting Information	Creative computing



## MEDIUM-TERM PLANNING Cycle 1

**Aspiration for Life**

To use ICT in my daily life

**Language for Life**

Developing key vocabulary

**Learning for Life**

Online safety – staying safe online

**CYCLE 1**

To develop a wide vocabulary of Computing terminology and develop a greater understanding of the world and jobs within it.

### Introducing Online Safety

### Networking

**Autumn 1**  
7 weeks

**Autumn 2**  
8 weeks

**Spring 1**  
6 weeks

**Spring 2**  
6 weeks

**Summer 1**  
5 weeks

**Summer 2**  
7 weeks

#### Online Privacy

#### Identifying and Reporting Concerns

#### Networking

#### Basic ICT Skills

#### Creative Project

How to keep your personal details safe

To know where to and how to report unacceptable behaviour online

To understand the role of a network and how it is used.  
To develop understanding by creating their own simple network.

To further develop your knowledge of computer literacy

To operate a range of devices both for work and leisure.  
To generate a piece of work of their choice.

### SUGGESTED ACTIVITIES/ SOFTWARE

Guess Who?  
Internet Bingo  
Profiles  
Hangman (passwords)  
Scenarios board game  
Survey Monkey

Flow charts  
ICT Monopoly  
Scenario cards  
CEOP  
Child Line  
BBC  
Survey Monkey

A human network  
Whispers  
Share & Save  
Network hunt  
Barefootcomputing.com

Microsoft office: word, excel, Powerpoint  
Building a computer  
Labelling objects

iMovies  
Photography  
Calendars  
Sound recording

### VOCABULARY

Social Media  
Gaming  
Chat  
Apps  
Tablet  
Computer  
Online Safety  
Catfishing

Report  
CEOP  
Tell

Sharing  
Binary Code  
LAN (Local Area Network)  
WAN (Wider Area Network)  
ISP (Internet Service Provider)  
DNS (Domain Name Server)  
Router | Wifi | Internet | Clients | Devices | WWW

Hardware: monitor, tower, keyboard, mouse  
Software; word, excel, Powerpoint

Sound  
Lighting  
Script  
Internet  
Directing  
Editing  
Camera

### IMPLEMENTATION

**Week 1:** How we use the internet  
**Week 2:** Cloud Storage (Servers)  
**Week 3:** Strong P@s5w0Rds  
**Week 4:** Who are you talking to?  
**Week 5:** Scenarios quiz  
**Week 6:** Anti-virus software  
**Week 7:** Assessment-Survey Monkey

**Week 1:** Right and wrong  
**Week 2:** What can you do?  
**Week 3 -4:** Scenarios  
**Week 5- 7:** How to report  
**Week 8:** Assessment-Survey Monkey

**Week 1:** Network hunt  
**Week 2:** What is a network?  
**Week 3:** What is a LAN / WAN?  
**Week 4-5:** Binary – Code cracking  
**Week 6:** Assessment – Survey Monkey

**Week 1:** Labelling  
**Week 2:** Building a computer  
**Week 3:** Using word  
**Week 4:** Using powerpoint  
**Week 5:** Using excel  
**Week 6:** Assessment – Survey Monkey

**Week 1-3:** Exploring different devices  
**Week 4:** Online safety across devices  
**Week 5:** Assessment – Survey Monkey

**Week 1:** Making a video  
**Week 2:** Trip to Media City  
**Week 3-5:** Creating a Media Project  
**Week 6:** Presentation/ Screening  
**Week 7:** Assessment – Survey Monkey

## MEDIUM-TERM PLANNING Cycle 2

**Aspiration for Life**

To use ICT in my daily life

**Language for Life**

Developing key vocabulary

**Learning for Life**

Online safety – staying safe online

### Introducing Online Safety

### Networking

**Autumn 1**  
7 weeks

**Autumn 2**  
8 weeks

**Spring 1**  
6 weeks

**Spring 2**  
6 weeks

**Summer 1**  
5 weeks

**Summer 2**  
7 weeks

**Online Privacy**

**Acceptable and Unacceptable behaviour online**

**Debugging**

**Basic ICT Skills**

**Photo Editing**

**Presenting Information**

.How to keep your personal details safe.

To know where to and how to report unacceptable behaviour online.

To understand how to fix a problem

To further develop your knowledge of computer literacy

To operate a range of devices both for work and leisure.  
To generate a piece of work of their choice.

### SUGGESTED ACTIVITIES/ SOFTWARE

Guess Who?  
Internet Bingo  
Profiles  
Hangman (passwords)  
Scenarios board game  
Survey Monkey

Flow charts  
ICT Monopoly  
Scenario cards  
CEOP  
Child Line  
BBC  
Survey Monkey

Tech Hunt  
Fixing ICT  
Labelling hardware  
Python coding  
Scratch  
Beebots  
BBC Bitesize  
Problem solving  
Makey Makey

Microsoft office: word, excel,  
Powerpoint  
Building a computer  
Labelling objects

iMovies  
Photography  
Calendars  
Sound recording

Powerpoint  
Publisher  
iMovie  
Social Media presentation  
Word

### VOCABULARY

Social Media  
Gaming  
Chat  
Apps  
Tablet  
Computer  
Online Safety  
Catfishing

Report  
CEOP  
Tell

Hardware  
Coding  
Devices  
WWW  
Instruction  
Problems

Hardware: monitor, tower,  
keyboard, mouse  
Software: word, excel,  
Powerpoint

Sound  
Lighting  
Script  
Internet  
Directing  
Editing  
Camera

Online safety  
Social Media  
Font  
Design  
Image

### IMPLEMENTATION

**Week 1:** How we use the internet  
**Week 2:** Cloud Storage (Servers)  
**Week 3:** Strong P@s5w0Rds  
**Week 4:** Who are you talking to?  
**Week 5:** Scenarios quiz  
**Week 6:** Anti-virus software  
**Week 7:** Assessment-Survey Monkey

**Week 1:** Right and wrong  
**Week 2:** What can you do?  
**Week 3 -4:** Scenarios  
**Week 5- 7:** How to report  
**Week 8:** Assessment-Survey Monkey

**Week 1:** Tech hunt  
**Week 2:** Problem solving (not tech)  
**Week 3:** Problem solving (tech)  
**Week 4-5:** Binary – Code cracking  
**Week 6:** Assessment – Survey Monkey

**Week 1:** Labelling  
**Week 2:** Building a computer  
**Week 3:** Using word  
**Week 4:** Using powerpoint  
**Week 5:** Using excel  
**Week 6:** Assessment – Survey Monkey

**Week 1-3:** Exploring different software  
**Week 4:** Online safety across devices  
**Week 5:** Assessment – Survey Monkey

**Week 1:** Making a presentation  
**Week 2:** Trip to Media City  
**Week 3-5:** Creating a Media Project  
**Week 6:** Presentation/ Screening  
**Week 7:** Assessment – Survey Monkey

**CYCLE 2**

To develop a wide vocabulary of Computing terminology and develop a greater understanding of the world and jobs within it.