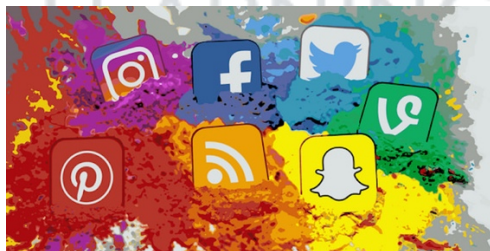
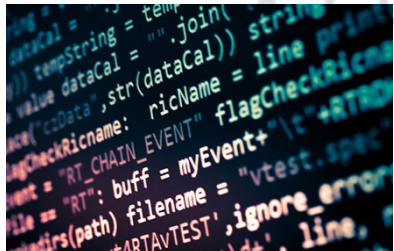


## Long Term Mapping KS3 COMPUTING/ICT

		Cycle 1 (2019-2020)	Cycle 2 (2020-2021)	Cycle 3 (2021-2022)
Autumn	1	Introducing Online Safety	Online Safety	Online Safety
	2	Reporting Concerns	Acceptable and Unacceptable behaviour online	Online Privacy
Spring	1	Networking	Algorithms	Input/ Output
	2	Networking	Algorithms	Programming
Summer	1	Using a range of devices	Collecting Data	Photo editing
	2	Creative Project	Presenting Information	Creative Project



## KS3 MEDIUM-TERM PLANNING

**Aspiration for Life**

Jobs in ICT

**Language for Life**

Developing key vocabulary

**Learning for Life**

Online safety – Reporting abuse

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

### Introducing Online Safety

### Networking

### Data Representation

**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 Safety

#### Acceptable & Unacceptable behaviour

#### Algorithms

#### Collecting data

#### Presenting information

To develop an understanding of Online Safety and how to stay safe online.

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

To understand that an algorithm is a set of instructions to complete a task.

To understand how data is collected and what it is used for.

To learn the different ways we can present information on a computer.

### SUGGESTED ACTIVITIES/ SOFTWARE

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

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

<https://www.bbc.co.uk/bitesize/topics/z3tbwmn/articles/z3whpv4>

Flow Charts  
Ordering / sequencing  
Key Word Levels 1, 2, 3, 4  
Espresso Coding  
Scratch  
Bee bot / Bee bot App

Search engines  
Scenario cards  
CEOP  
Flow charts

Microsoft Word  
PowerPoint  
Excel  
Website  
Publisher

### VOCABULARY

Social Media  
Gaming  
Chat  
Apps  
Tablet  
Computer  
Online Safety  
Catfishing

Report  
CEOP  
Tell

Input / Output  
Algorithms  
Instructions

Digital  
Information  
Search engine  
Binary  
Privacy  
Storage

Charts  
Documents  
Presentation  
Slides  
Information  
Leaflet  
Text  
Image  
Audio

### IMPLEMENTATION

**Week 1 - 2:** How we use the internet.

**Week 3:** Profiles

**Week 4:** Who are you talking to?

**Week 5:** Scenarios quiz.

**Week 6:** Creating passwords

**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:** What is an algorithm?

**Week 2:** Input / Output

**Week 3 - 5:** Following algorithms (Keyword Levels)

**Week 6:** Assessment: Survey Monkey

**Week 1 - 2:** Creating flow charts.

**Week 3:** Sequencing

**Week 4 -5:** Writing Algorithms (Scratch)

**Week 6:** Assessment: Survey Monkey

**Week 1-2 :** What is data?

**Week 3:** How can we collect data?

Week 4 – How can we store data?

**Week 5:** Assessment: Survey Monkey

**Week 1:** Why do we want to present information - scenarios  
**Week 2:** Make a word document  
**Week 3:** Make a leaflet on Publisher  
**Week 4:** Collecting data and making a chart on Excel  
**Week 5:** Create a PowerPoint on a subject.  
**Week 6:** Presentation / sharing of what has been made.  
**Week 7:** Assessment: Survey Monkey

CYCLE 2 (2020-2021)

INTENT