

# Computing Year 7 Unit: Impact of technology—collaborating online re- spectfully

## Threshold concept—

- Understand a range of ways to use technology safely, respectfully, and securely
- Show a basic awareness to online identity and protection
- Understand how to recognise inappropriate content
- Know how to report concerns on the internet

Keyword	Definition
Password	Passwords are secret words that allows user to access websites.
Hazard	A danger or risk
Email	Short for Electronic Mail which is a way of exchanging digital messages to one or more recipients
Respectful	Being kind to others
Social Media	Website or application that lets a user create and share content or to be social online
Cyberbullying	The bullying of another person using the internet, mobile phones and other digital devices.
Personal	Information about an individual
Communication	Exchanging of information by speaking or writing
Safe	Protected from risk
Peer	Somebody the same age or have the same qualifications

To create a safe password you must: have 3 words that are unrelated and at least 1 number and 1 character.

Where to report issues online...

How to stay safe on social media

**Warning:** Me and Saffy are here at the park. Come meet us its really fun!  
Date: 1/6/2019 Time: 14:30pm

**Warning:** I will be off to sandy lane park again this afternoon. Come and join me there!  
Date: 1/6/2019 Time: 12:35pm

### Being respectful online

Message

From: Becky

Subject: Hi Miss!

Can we not have any homework this week because I didn't like the last one that you sent out and I really wanted to play online instead.

Soz. Lol.

Message

From: Becky

Subject: Hi Miss!

Hi,  
Is it possible to not have a week without homework please? I am struggling with keeping up to date with all my lessons. I can make it up later.  
Thanks,  
Becky

I hate green it's a horrible colour

✗

Try to keep it simple.

✓

I think your dog is ugly

✗

Perhaps have the dog as a larger image?

✓

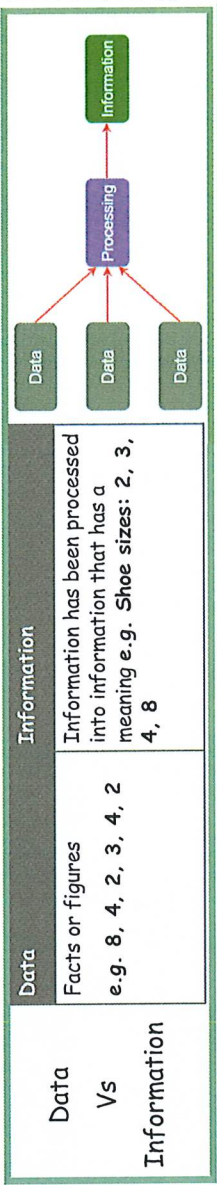
# Computing Year 7 Unit: Modelling Data—Spreadsheets

## Keyword Definition

<b>Data</b>	Values, typically letters or numbers.
<b>Cell</b>	A cell is the intersection between a row and a column on a spreadsheet that starts with
<b>Cell reference</b>	The set of coordinates that a cell occupies on a worksheet.
<b>Row</b>	The numbered gray area to the left of each row.
<b>Column</b>	The lettered or numbered gray area at the top of each column.
<b>Formula</b>	A combination of symbols that indicates the chemical composition of a substance.
<b>Range</b>	Two or more cells on a sheet. The cells in a range can be adjacent or nonadjacent.
<b>Maximum</b>	The highest number
<b>Minimum</b>	The lowest number
<b>Information</b>	Data with a meaning
<b>Data</b>	Facts and statistics

## Threshold concept—

- Understand what a real-world problem is.
- Show basic awareness of formulas.
- Describe what a creative project is.
- Collect data for a project.
- Show understanding of a simple project for a specific goal.



Operators	
+	Adds two numbers / cells
-	Subtracts one cell or number from another
*	Multiplies two numbers/cells
/	Divides one number / cell from another one
<	Less than
>	Greater than
<=	Less than or equal to
>=	Greater than or equal to

Golden rule: every formula always starts with an =

Cell references begin with a letter, and finish with a number. EG: A1

A	B	C	D	E	F	G
1						
2						
3						
4						
5						

A range is a selection of cells. EG: B3:F5

A	B	C	D	E	F	G
1						
2						
3						
4						
5						