Cycle 1		Milepost Two Covering Year 3 Skills E Safety (Digital Literacy is covered in weekly 2BeSafe Sessions)					
		Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Week 1	**Year 3 Computing lesson** (30 minutes)	First week back (2 days)	Branching Databases Lesson 4b **Information Technology**	Route Planners Lesson 4a **Computer Science**	Presentations Lesson 2a **Information Technology**	Coding Lesson 1a **Computer Science**	Coding Lesson 3b **Computer Science**
	Year 3 2BeSafe Session (10 minutes)		Online relationships Session 4	Online reputation Session 3	Managing online information Session 2	Managing online information Session 6	Privacy and security Session 1
Week 2	**Year 3 Computing lesson** (30 minutes)	Branching Databases Lesson 1a **Information Technology**	Route Planners Lesson 1a **Computer Science**	Route Planners Lesson 4b **Computer Science**	Presentations Lesson 2b **Information Technology**	Coding Lesson 1b **Computer Science**	Coding Lesson 4a **Computer Science**
	Year 3 2BeSafe Session (10 minutes)	Self-image and identity Session 1	Online relationships Session 5	Online bullying Session 1	Managing online information Session 3	Health, well-being, and lifestyle Session 1	Privacy and security Session 2
Week 3	**Year 3 Computing lesson** (30 minutes)	Branching Databases Lesson 1b **Information Technology**	Route Planners Lesson 1b **Computer Science**	Route Planners Lesson 5a **Computer Science**	Presentations Lesson 3a **Information Technology**	Coding Lesson 2a **Computer Science**	Coding Lesson 4b **Computer Science**
	Year 3 2BeSafe Session	Self-image and identity Session 2	Online relationships Session 6	Online bullying Session 2	Managing online information Session 4	Health, well-being, and lifestyle Session 2	Privacy and security Session 3

	(10 minutes)						
Week 4	**Year 3 Computing lesson** (30 minutes)	Branching Databases Lesson 2a **Information Technology**	Route Planners Lesson 2a **Computer Science**	Route Planners Lesson 5b **Computer Science**	Presentations Lesson 3b **Information Technology**	Coding Lesson 2b **Computer Science**	Coding Lesson 5a **Computer Science**
	Year 3 2BeSafe Session (10 minutes)	Self-image and identity Session 3	Online reputation Session 1	Managing online information Session 1	Managing online information Session 5	*Further explore sessions taught that you think is relevant for your class.*	Copyright and ownership Session 1
Week 5	**Year 3 Computing lesson** (30 minutes)	Branching Databases Lesson 2b **Information Technology**	Route Planners Lesson 2b **Computer Science**	Presentations Lesson 1a **Information Technology**	Presentations Lesson 4 **Information Technology**	Coding Lesson 3a **Computer Science**	Coding Lesson 5b **Computer Science**
	Year 3 2BeSafe Session (10 minutes)	Online relationships Session 1	Online reputation Session 2	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*
Week 6	**Year 3 Computing lesson** (30 minutes)	Branching Databases Lesson 3a **Information Technology**	Route Planners Lesson 3a **Computer Science**	Presentations Lesson 1b **Information Technology**	Presentations Lesson 5 **Information Technology**		Coding Lesson 6a **Computer Science**
	Year 3 2BeSafe Session (10 minutes)	Online relationships Session 2	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*		*Further explore sessions taught that you think is relevant for your class.*

Week 7	**Year 3 Computing lesson** (30 minutes)	Branching Databases Lesson 3b **Information Technology**	Route Planners Lesson 3b **Computer Science**				Coding Lesson 6b **Computer Science**
	Year 3 2BeSafe Session (10 minutes)	Online relationships Session 3	*Further explore sessions taught that you think is relevant for your class.*				No Session
Week 8	**Year 3 Computing lesson** (30 minutes)	Branching Databases Lesson 4a **Information Technology**					
	Year 3 2BeSafe Session (10 minutes)	*Further explore sessions taught that you think is relevant for your class.*					

Cycle 2		Milepost Two Covering Year 2 Skills E Safety (Digital Literacy is covered in weekly 2BeSafe Sessions)					
		Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Week 1	**Year 2 Computing lesson** (30 minutes)	First week back (2 days)	Creating Pictures Lesson 4b **Information Technology**	Spreadsheets Lesson 4a **Information Technology**	Making Music Lesson 1a **Information Technology**	Coding Lesson 1a **Computer Science**	Coding Lesson 3b **Computer Science**
	Year 2 2BeSafe Session (10 minutes)		Online relationships Session 4	Online reputation Session 2	Online bullying Session 3	Managing online information Session 4	Privacy and security Session 2
Week 2	**Year 2 Computing lesson** (30 minutes)	Creating Pictures Lesson 1a **Information Technology**	Creating Pictures Lesson 5a **Information Technology**	Spreadsheets Lesson 4b **Information Technology**	Making Music Lesson 1b **Information Technology**	Coding Lesson 1b **Computer Science**	Coding Lesson 4a **Computer Science**
	Year 2 2BeSafe Session (10 minutes)	Self-image and identity Session 1	Online relationships Session 5	Online reputation Session 3	Managing online information Session 1	Managing online information Session 5	Privacy and security Session 3
Week 3	**Year 2 Computing lesson** (30 minutes)	Creating Pictures Lesson 1b **Information Technology**	Creating Pictures Lesson 5b **Information Technology**	Spreadsheets Lesson 5a **Information Technology**	Making Music Lesson 2a **Information Technology**	Coding Lesson 2a **Computer Science**	Coding Lesson 4b **Computer Science**
	Year 2 2BeSafe Session (10 minutes)	Self-image and identity Session 2	Online relationships Session 6	Online bullying Session 1	Managing online information Session 2	Health, well-being, and lifestyle Session 1	Privacy and security Session 4

Week 4	**Year 2 Computing lesson** (30 minutes)	Creating Pictures Lesson 2a **Information Technology**	Spreadsheets Lesson 1a **Information Technology**	Spreadsheets Lesson 5b **Information Technology**	Making Music Lesson 2b **Information Technology**	Coding Lesson 2b **Computer Science**	Coding Lesson 5a **Computer Science**
	Year 2 2BeSafe Session (10 minutes)	Online relationships Session 1	Online relationships Session 7	Online bullying Session 2	Managing online information Session 3	Privacy and security Session 1	Copyright and ownership Session 1
Week 5	**Year 2 Computing lesson** (30 minutes)	Creating Pictures Lesson 2b **Information Technology**	Spreadsheets Lesson 1b **Information Technology**	Spreadsheets Lesson 6a **Information Technology**	Making Music Lesson 3a **Information Technology**	Coding Lesson 3a **Computer Science**	Coding Lesson 5b **Computer Science**
	Year 2 2BeSafe Session (10 minutes)	Online relationships Session 2	Online reputation Session 1	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*	Copyright and ownership Session 2
Week 6	**Year 2 Computing lesson** (30 minutes)	Creating Pictures Lesson 3a **Information Technology**	Spreadsheets Lesson 3a **Information Technology**	Spreadsheets Lesson 6b **Information Technology**	Making Music Lesson 3b **Information Technology**		Coding Lesson 6a **Computer Science**
	Year 2 2BeSafe Session (10 minutes)	Online relationships Session 3	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*		*Further explore sessions taught that you think is relevant for your class.*
	Year 2 Computing lesson	Creating Pictures Lesson 3b	Spreadsheets Lesson 3b				Coding Lesson 6b

Week 7	(30 minutes)	**Information Technology**	**Information Technology**				**Computer Science**
	Year 2 2BeSafe Session (10 minutes)	*Further explore sessions taught that you think is relevant for your class.*	*Further explore sessions taught that you think is relevant for your class.*				No Session
Week 8	**Year 2 Computing lesson** (30 minutes)	Creating Pictures Lesson 4a **Information Technology**					
	Year 2 2BeSafe Session (10 minutes)	*Further explore sessions taught that you think is relevant for your class.*					

	Year 2	Year 3
Computer Science **Year 2** Coding **Year 3** Coding Route Planners	**<u>Coding</u>** Will update soon when new unit is on purple mash.	**<u>Coding</u>** Will update soon when new unit is on purple mash. **<u>Route Planners</u>** • I can input commands. • I can input purposeful commands in 2Go to make the turtle move in a particular direction towards a goal. • I can input commands that rotate the turtle to face the desired direction for movement using both 90° and 45° angles. • I can use techniques such as finger movements to plan a route. • I can plan the route by first writing the algorithm and then inputting the code commands. • I can input several commands into a sequential algorithm layout and run this code to move the turtle along the programmed route. • I can reset the turtle to the starting position to rerun the code. • I can use the repeat algorithm layout for 2Go commands. • I can anticipate the effect of the repeat and use logical reasoning to decide upon when this layout is useful to accomplish a task. • I can make logical attempts to debug code for routes. • I can reset, debug and re-run the code to test routes.
Information Technology **Year 2** Creating Pictures Spreadsheets Making Music	**<u>Creating Pictures</u>** • I can explore the range of painting effects in 2Paint. • I can observe how the painting effects give different results.	**<u>Presentations</u>** Will update soon when new unit is on purple mash. **<u>Branching Databases</u>** • I can explain what a database is.

Year 3 Presentations Branching Databases	• I can produce digital images in traditional art styles using digital painting effects. • I can use the brush tool slider to change the size of brush strokes to achieve the desired effects. • I can use the dilute tool to manipulate the intensity of any selected colour. • I can make use of outline features, such as selecting, resizing, and editing outlines, to enhance their digital art. **Spreadsheets** Will update soon when new unit is on purple mash. **Making Music** Will update soon when new unit is on purple mash.	• I can provide examples of common uses of a database such as the school's attendance database. • I can explain what a database is. • I can provide examples of common uses of a database such as the school's attendance database. • I can identify binary questions that could be used to sort items. • I can use a binary database in 2Question to identify items. • I can add records to a 2Question database then sort the record using binary questioning to create the database. • I can work through all routes of a branching database to test whether it works as intended. • I can identify and fix bugs in the database.
Digital Literacy	See 2BeSafe Objectives	

2BeSafe Year 2 & Year 3 Objectives E Safety

	Year 2	Year 3
Self-Image and Identity	• I can explain how other people may look and act differently online and offline. • I can give examples of issues online that might make someone feel sad, worried, uncomfortable or frightened; I can give examples of how they might get help.	• I can explain what is meant by the term 'identity' • I can explain how people can represent themselves in different ways online. • I can explain ways in which someone might change their identity depending on what they are doing online (e.g. gaming; using an avatar; social media) and why.
Online Relationships	• I can give examples of how someone might use technology to communicate with others they don't also know offline and explain why this might be risky. (e.g. email, online gaming, a pen-pal in another school / country). • I can explain who I should ask before sharing things about myself or others online.	• I can describe ways people who have similar likes and interests can get together online. • I can explain what it means to 'know someone' online and why this might be different from knowing someone offline. • I can explain what is meant by 'trusting someone online', why this is different from 'liking someone online', and why it is important to be careful about who to trust

	• I can describe different ways to ask for, give, or deny my permission online and can identify who can help me if I am not sure. • I can explain why I have a right to say 'no' or 'I will have to ask someone'. • I can explain who can help me if I feel under pressure to agree to something, I am unsure about or don't want to do. • I can identify who can help me if something happens online without my consent. • I can explain how it may make others feel if I do not ask their permission or ignore their answers before sharing something about them online. • I can explain why I should always ask a trusted adult before clicking 'yes', 'agree' or 'accept' online	online including what information and content they are trusted with. • I can explain why someone may change their mind about trusting anyone with something if they feel nervous, uncomfortable or worried. • I can explain what is meant by 'trusting someone online', why this is different from 'liking someone online', and why it is important to be careful about who to trust online including what information and content they are trusted with. • I can explain why someone may change their mind about trusting anyone with something if they feel nervous, uncomfortable or worried. • I can explain the importance of giving and gaining permission before sharing things online; how the principles of sharing online is the same as sharing offline e.g. sharing images and videos.
Online Reputation	• I can explain how information put online about me can last for a long time. • I can describe how anyone's online information could be seen by others. • I know who to talk to if something has been put online without consent or if it is incorrect.	• I can search for information about others online. • I can give examples of what anyone may or may not be willing to share about themselves online. I can explain the need to be careful before sharing anything personal. • I can explain who someone can ask if they are unsure about putting something online.
Online Bullying	• I can explain what bullying is, how people may bully others and how bullying can make someone feel. • I can explain why anyone who experiences bullying is not to blame. • I can talk about how anyone experiencing bullying can get help.	• I can describe appropriate ways to behave towards other people online and why this is important. • I can give examples of how bullying behaviour could appear online and how someone can get support.
Managing Online Information	• I can use simple keywords in search engines. • I can demonstrate how to navigate a simple webpage to get to information I need (e.g. home, forward, back buttons; links, tabs and sections).	• I can demonstrate how to use key phrases in search engines to gather accurate information online. • I can explain what autocomplete is and how to choose the best suggestion.

	• I can explain what voice activated searching is and how it might be used (e.g. Alexa, Google Now, Siri). • I can explain the difference between things that are imaginary, 'made up' or 'make believe' and things that are 'true' or 'real'. • I can explain why some information I find online may not be real or true.	• I can explain how the internet can be used to sell and buy things. • I can explain the difference between a 'belief', an 'opinion' and a 'fact. and can give examples of how and where they might be shared online, e.g. in videos, memes, posts, news stories etc. • I can explain that not all opinions shared may be accepted as true or fair by others (e.g. monsters under the bed). • I can describe and demonstrate how we can get help from a trusted adult if we see content that makes us feel sad, uncomfortable worried or frightened
Health, Wellbeing and Lifestyle	• I can explain rules to keep myself safe when using technology both in and beyond the home	• I can explain simple guidance for using technology in different environments and settings e.g. accessing online technologies in public places and the home environment. • I can say how those rules / guides can help anyone accessing online technologies.
Privacy and Security	• I can describe how online information about me could be seen by others. • I can explain and give examples of what is meant by 'private' and 'keeping things private'. I can describe and explain some rules for keeping personal information private (e.g. creating and protecting passwords). • I can explain how passwords can be used to protect information, accounts and devices. • I can explain how some people may have devices in their homes connected to the internet and give examples (e.g. lights, fridges, toys, televisions).	• I can describe simple strategies for creating and keeping passwords private. • I can give reasons why someone should only share information with people they choose to and can trust. • I can explain that if they are not sure or feel pressured then they should tell a trusted adult. • I can describe how connected devices can collect and share anyone's information with others.
Copyright and Ownership	• I can describe why other people's work belongs to them. I can recognise that content on the internet may belong to other people.	• I can explain why copying someone else's work from the internet without permission isn't fair and can explain what problems this might cause.