Computing: Teaching Objectives (Whole school overview) - two year cycle

CLASS 1	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Jigsaw links	**Being me in my world**	**Celebrating differences**	**Goals and Dreams**	**Healthy Me**	**Relationships**	**Changing Me**
Themes	**Digital Literacy (using technology safely)**	**Information technology(Use technology purposefully to create, organise, store, manipulate and retrieve digital content.)**	**Digital Literacy (using technology safely)** ***Safer Internet day around 8th February***	**Computer Science (coding and algorithms)**	**Information technology(Use technology purposefully to create, organise, store, manipulate and retrieve digital content.)**	**Computer Science (coding and algorithms)**
EYFS- to use Nos resources and links to Jigsaw but access ELG separately (resources for ELG suggested in PM overview) **Y1** **Cycle A**	Unit 1.1 Online Safety & Exploring Purple Mash Number of lessons – 4 Programs – Various	Unit 1.3 Pictograms	Unit 1.9 Technology outside school Check annual Safety Internet day theme https://www.saferinternet.org.uk/safer-internet-day/2021	Unit 1.2 Grouping & Sorting Unit 1.4 Lego Builders	Unit 1.8 Spreadsheets-using 2 Calculate- moving to sheets if ready	Unit 1.7 Coding
Links to PHSE JIGSAW Y1	Year 1 Nos self image and identity NOS managing online information NOS copyright and ownership	Self image and identity F1/2 piece 6 Online bullying Piece 3 and 4		Online reputation(Addit lesson) Health well being and lifestyle (addit lesson)	Online relationships Y1 piece 4 Managing online information Privacy and security Y1 piece 4	
Y1 Cycle B	Unit 1.1 Online Safety & Exploring Purple Mash Number of lessons – 4 Programs – Various	Unit 1.6 Animated Story Books	Lessons from https://www.saferinternet.org.uk/safer-internet-day/2021 Annual relevant theme **Introduction to Google Classroom**	Unit 1.5 Maze Explorers	Unit 1.8 Spreadsheets-using 2 Calculate	Unit 1.7 Coding

Links to PHSE NOS resources	Year 1 Nos self image and identity NOS managing online information NOS copyright and ownership		Year 1 NOS online reputation NOS privacy and security	Year 1 NOS Health wellbeing and lifestyle	Year 1 NOS online relationships	
CLASS 2	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Jigsaw links	**Being me in my world**	**Celebrating differences**	**Goals and Dreams**	**Healthy Me**	**Relationships**	**Changing Me**
Themes	**Digital Literacy (using technology safely)**	**Information technology(Use technology purposefully to create, organise, store, manipulate and retrieve digital content.)**	**Digital Literacy (using technology safely)** ***Safer Internet day around 8th February***	**Computer Science (coding and algorithms)**	**Information technology(Use technology purposefully to create, organise, store, manipulate and retrieve digital content.)**	**Computer Science (coding and algorithms)**
Class 2 Year 2/3 Cycle A Choose Y2 PM	Unit 2.2 Online Safety	Unit 2.3- Spreadsheets- **Use Google Sheets**	Unit 2.5 Effective Searching Lessons from https://www.saferinternet.org.uk/safer-internet-day/2021 Annual relevant theme	Unit 2.1 Coding	Unit 2.6 Creating Pictures	Unit 2.4 Questioning
Links to PHSE JIGSAW	Year 3 Nos online bullying Year 3 Nos self image and identity NOS managing online information NOS copyright and ownership		Year 3 NOS online reputation NOS privacy and security	Year 3 NOS Health wellbeing and lifestyle	Online relationships /online reputationY3 piece 3 Online bullying y3 piece 3 Year 3 NOS online relationships	
Class 2 Year 2/3 Cycle B Choose Y3 PM	Unit 3.5 Email (including email safety)	Unit 3.4 Touch Typing - Use Google Docs	**Google Slides- explicit teaching to use.** Lessons from https://www.saferinternet.org.uk/safer-internet-day/2021 Annual relevant theme- Short unit.	Unit 3.1 Coding	Unit 3.9 Presenting (with Microsoft PowerPoint or Google Slides)	Unit 3.6 Branching Databases

Links to PHSE NOS resources	Year 2 Nos self image and identity NOS managing online information NOS copyright and ownership Year 2 Nos online bullying		Year 2 NOS online reputation NOS privacy and security	Year 2 NOS Health wellbeing and lifestyle	Year 2 NOS online relationships	
CLASS 3	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Jigsaw links	**Being me in my world**	**Celebrating differences**	**Goals and Dreams**	**Healthy Me**	**Relationships**	**Changing Me**
Themes	**Digital Literacy (using technology safely)**	**Information technology(Use technology purposefully to create, organise, store, manipulate and retrieve digital content.)**	**Digital Literacy (using technology safely)** ***Safer Internet day around 8th February***	**Computer Science (coding and algorithms)**	**Information technology(Use technology purposefully to create, organise, store, manipulate and retrieve digital content.)**	**Computer Science (coding and algorithms)**
Class 3 Years 4/5 Cycle A Choose Y4	Unit 4.2 Online safety	Unit 4.3 Spreadsheets- (use Google sheets)	Lessons from https://www.saferinternet.org.uk/safer-internet-day/2021 Annual relevant theme	Unit 4.1 Coding	Unit 4.6 Animation Unit 4.9 Making Music / Garage Band	Unit 4.5 Logo Unit 4.8 Hardware Investigators
Links to PHSE	Year5 Nos self image and identity NOS managing online information NOS copyright and ownership Year 5 Nos online bullying		Year 5 NOS online reputation NOS privacy and security	Year 5 NOS Health wellbeing and lifestyle	Online relationships/online reputation Y5 piece 2-6 Online bullying y5 piece 2 Managing online information/ Health and wellbeing and lifestyle /privacy and security/ copyright and ownership Y5 piece 2-6 Year 5 NOS online relationships	
Class 3 Years 4/5 Cycle B Choose Y5	Unit 5.2 Online safety	Unit 5.8 Word processing (with Microsoft Word or Google Docs)	**Google Slides- explicit teaching how to use.** Lessons from https://www.saferinternet.org.uk/safer-internet-day/2021 Annual relevant theme	Unit 5.1 Coding	Unit 5.4 Databases Additional if skills met with data bases-Unit 5.6 3D	Unit 5.5 Game Creator

Links to PHSE NOS resources	Year 4 Nos self image and identity NOS managing online information NOS copyright and ownership Year 4 Nos online bullying		Year 4 NOS online reputation NOS privacy and security	Year 4 NOS Health wellbeing and lifestyle	Year 4 NOS online relationships	
CLASS 4	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Jigsaw links	**Being me in my world**	**Celebrating differences**	**Goals and Dreams**	**Healthy Me**	**Relationships**	**Changing Me**
Themes	**Digital Literacy (using technology safely)**	**Information technology(Use technology purposefully to create, organise, store, manipulate and retrieve digital content.)**	**Digital Literacy (using technology safely)** ***Safer Internet day around 8th February***	**Computer Science (coding and algorithms)**	**Information technology(Use technology purposefully to create, organise, store, manipulate and retrieve digital content.)**	**Computer Science (coding and algorithms)**
Year 6 Year A/B	Unit 6.2 Online safety	Unit 6.4 Blogging **Google Docs- typing skills**	**Google Slides- explicit teaching of** Lessons from https://www.saferinternet.org.uk/safer-internet-day/2021 Annual relevant theme	Unit 6.5 Text Adventures	Unit 6.7 Quizzing To be replaced with Google forms when appropriate.	Unit 6.8 Understanding Binary
Links to PHSE	NOS self image and identity NOS managing online information NOS copyright and ownership	Online bullying Y6 piece 4 Nos online bullying	NOS online reputation NOS privacy and security	NOS Health wellbeing and lifestyle	Self image and identity Y6 piece 1-6 Online relationships Y6 piece 5&6 NOS online relationships Online reputation Y6 piece 2-6 Managing online information y6 piece 5	Year 6 jigsaw uiExtend into year 7 areas according to needs of children

					Privacy and security y6 piece 6	

Our curriculum covers the National Curriculum and has been designed with our children at the heart of it. We are using Purple Mash, Google Platform and Education for a connected world as providers and threads running throughout to ensure that our curriculum offers progression, high standard of skills and opportunities and to equip our children with the modern technological world they are living in.

As a mixed age school, our teachers will adapt and tailor the above overview to the needs of the cohort and for individuals to ensure the highest standards and expectations of learning. Our staff are supported through professional development throughout the year and in addition our parents and governors will have access to National Online safety website to ensure all stakeholders are fully aware of the online risks and potentials.