Subject overview: Computing

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Whole school theme	What made Grimsby great?	How do we celebrate?	Who is that?	What on Earth . . . ?	Life on Earth	Where in the world?
N	E-Safety Making good and bad choices	Digital Literacy What technology do we have at school and home?	E-Safety Telling an Adult when something is wrong	Digital Literacy Operating simple equipment	Digital Literacy Using a device	Coding Following simple instructions
R	E-Safety Telling an Adult when something is wrong Be respectful and keep myself safe	Digital Literacy Interacting with age appropriate apps on an Ipad Naming parts of an Ipad	E-Safety Be respectful and keep myself safe and keep my information private	Coding Following simple instructions	Digital Literacy Create a picture using a painting app I can use a camera on an Ipad	Digital Literacy Naming parts of a desktop computer Use a mouse to open a program
1	E-Safety Using the internet safely Information Technology Typing training	Coding Tynker Junior E-Safety Using the internet safely	Digital Literacy Using a computer or device	Information Technology Bug Hunters Finding, saving, organising, sending and presenting	Information technology Potty Painters digital art and book design	Computer Science Scratch Junior introduction and fundamentals
2	E-Safety Staying safe on the internet (Jessie and Friends)	Computer Science Scratch Junior introduction and fundamentals	Digital Literacy Using search and typing training	Information Technology Using a computer, what is the internet? Information Technology Introduction to photo editing	Information Technology Taking and using photos, presentation IOS	Computer Science Scratch Junior introduction and fundamentals
3	E-Safety Google share with care	Information Technology Research a current topic	E-Safety Google Be internet Brave Computer Science Lightbot, algorithms	Computer Science Tynker, animations	Computer Science Tynker, loops de-bugging, events	Computer Science Tynker If Statements, HTML app and coding
4	E-Safety Google Don't fall for Fake	Computer Science Networks Information Technology Email	Information Technology Word processing and PPT Information Technology Photo editing	Computer Science Tynker algorithms, conditions, functions and app design	Information Technology Stop motion animation (Green screen)	Computer Science Scratch creation of controllable maze game
5	E-Safety Google Secure your secrets Information Technology using shared cloud documents	Computer Science Spreadsheets Computer Science networks, search algorithms	E-safety Cyberbullying Computer Science Lightbot algorithms, procedures, loops and de-bugging	Computer Science Scratch simple game creation	Information Technology animation through varied apps Information Technology website creation	Computer Science Microsoft Kodu advanced game creation
6	E-Safety Google It's cool to be Kind	Information Technology 3D modelling using Sketchup Creating CV's	E-Safety Why is social media free? Fake news in real life Information Technology Making videos	Computer Science MIT app inventor	Computer Science HTML Hacking and Python coding Information Technology Childnet competition	Computer Science Swift Playground