

## KS3 STRUCTURE

	Y7	Y8	Y9
Term 1 Pt 1 (Sept - Oct) 6 full weeks	Baseline Assessment x3 Internet & Email - Digital literacy & E-Safety	Gadget of the future Flowal & Algorithms IP, servers, packet switching Theory - Binary/Denary Micro:Bit	ICT & The Law - Black Hat & White Hat Hackers Python Skills: Development & Problem Solving Challenges Turtle x2, Intro, Input, Development, IFs/LOOPS HW - Code translation
Term 1 Pt 2 (Nov - Dec) 6/7 weeks	DTP Article HW - Benefits of Word Processing Fact vs. Fiction Bias Leaflet Design, Implementation & Evaluation Leaflet Peer evaluations	Financial Modelling in the real world Modelling Tasks - Basics & Formatting - Various Models  HW - Parts of the SS Theory - Models & Simulators Drama Model Inc. What IF testing and Evaluation (3)	Creating a media product - Social, Moral & Ethical issues Audacity & Software Skills HW Question sheet (Can have 1 to 2 weeks to complete) Building the platform
Term 2 Pt 1 (Jan - Feb) 7 weeks Return Tues 3rd	Bee-Bots Treasure Map Logo Logo Homework Sheet Theory - Understanding Computers Theory - Dangerous world of PC's Control Insight - Skills Building & Then Scene development	Sound & Video Editing Audacity HW - Teenagers in the Media (Extended writing) Video Creation Evaluation & Correction	Databases Theory - DPA Access - Skills lesson & Database Theory task Access Development - Validation, forms, reports, queries, switchboards Screenshot Report - Showing K, S & U
Term 2 Pt 2 (Feb - Mar) 6 weeks	Task - 20 Q's game - decompose Micro:bit unit (4) Evaluation / Corrections (1)	<b>CEOP Project</b> DTP - Cyber Bullying Leaflet (2) Re-cap image manipulation & animation & SERIF WebPlus Skills On-line Source - Staying safe - Develop a 4 paged website covering: Sexting, staying safe on-line, reporting & homepage Website - export, package and place on network, check links work	Innovators Presentation - Individual research and presenting - tbc homework Presenting  HTML & CSS HTML
Term 3 Pt 1 (Apr - May) 5 weeks	Digital Imagery Social, moral and ethical issues of image manipulation to be explored Create, edit, manipulate - Template of skills and (printed) poster / magazine cover Key Frame Animation	Website - Complete, package & test  CEOP Report - Literacy skills	CSS Skills CSS Project  Modelling - Corporate branding exercise Festival Model
Term 3 Pt 2 (Jun - July) 6 weeks	Websites - Website links to local community / school Skills & Web Design tbc Homework Social, Moral & Ethical issues to be discussed Website Implementation Ext: Email ICT in society	Scratch & Problem Solving On-line examples on site and code.org Scratch Skills & Game development HW Games research	Goat, Wolf, Cabbage Problem - Solve it Problem Solving tasks - Presentation - Try in Pairs Battleships