NCCE Teaching Computing Curriculum Map   Plans at https://teachcomputing.org/curriculum

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		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Notes
KS1	Cycle 1	COMPUTING SYSTEMS AND NETWORKS Split between two years Technology around us Online Safety	CREATING MEDIA Digital Painting Teach through art	PROGRAMMING A Moving a robot Year A	DATA AND INFORMATION Grouping data Online Safety Taught within maths	CREATING MEDIA Digital writing - use either Book Creator, Seesaw or Pic Collage Online Safety	PROGRAMMING A Robot algorithms Year A	Include a bit of both units in each cycle
KS1	Cycle 2	COMPUTING SYSTEMS AND NETWORKS Split between two years with above Information technology	CREATING MEDIA Digital photography	PROGRAMMING B Introduction to animation Year B	DATA AND INFORMATION Pictograms - Taught within maths Online safety	CREATING MEDIA Making music Online safety Within Music	PROGRAMMING B Introduction to quizzes Year B	
Y3/4	Cycle 1	COMPUTING SYSTEMS AND NETWORKS Connecting Computers - possibly merge with below	CREATING MEDIA Stop frame animation Online safety	PROGRAMMING A Sequence in music	DATA AND INFORMATION Branching databases	CREATING MEDIA Desktop publishing Online safety	PROGRAMMING A Repetition in shapes	
Y3/4	Cycle 2	COMPUTING SYSTEMS AND NETWORKS The internet - priorities over connecting computers	CREATING MEDIA Audio editing Online safety	PROGRAMMING B Events and actions	DATA AND INFORMATION Data logging -Apply to science - APP raduino sciece journal	CREATING MEDIA Photo editing Online safety	PROGRAMMING B Repetition in games	
Y5/6	Cycle 1	COMPUTING SYSTEMS AND NETWORKS Sharing information Online safety	CREATING MEDIA Video editing Online safety	PROGRAMMING A Selection in physical computing CRUMBLES FROM THE HUB	DATA AND INFORMATION Flat-file databases	CREATING MEDIA Vector drawing Online safety	PROGRAMMING B Selection in quizzes	Some Y4s will repeat cycle of 5/6 twice. Differentiation to support in Y4 - expected outcomes in Y6 different.
Y5/6	Cycle 2	COMPUTING SYSTEMS AND NETWORKS Communication Online safety	CREATING MEDIA Web page creation Online safety	PROGRAMMING A Variables in games	DATA AND INFORMATION Spreadsheets	CREATING MEDIA 3D modelling Online safety	PROGRAMMING B need to buy Sensing - MICROBITS - online possible microsoft makecode https://makecode.microbit.org/	