Subject: **Computer Science**   Contact email(s): Tam.Ray@sns.hackney.sch.uk

Year group	Week 1 (01/05)	Week 2 (08/06)	Week 3 (15/06)	Week 4 (22/06)	Week 5 (29/06)	Week 6 (06/08)	Week 7 (13/08)
7	Introduction to web development - tags	Introduction to web development - text	Introduction to web development - image	Introduction to web development - hyperlink	Mini project – build a basic webpage with all the skills learned.	Wix based project on topic chosen by student.	Wix based project on topic chosen by student.
8	Code.org Students practice coding	Scratch project	Cryptography Introduction and cipher	Cryptography Enigma	Cryptography Barcodes	Cryptography E-shopping	Code.org- AI for ocean
9	Revision – Computational thinking	Exam style questions	Revision – Fetch decode execute cycle	Exam style questions	Revision – Memory and storage	Exam style questions	Text based game in Python
10	Revision – Computational thinking	Revision – programming techniques	Revision – FDE Cycle	Revision – Data representation	Revision – Computer memory and storage	Revision – Logic	Revision – algorithm, sorting and searching
12	Programming practice for CW preparation. This is an opportunity for students to learn a new language if they need it for their project. They must ask their teachers for support materials to learn a language. Computational thinking focusing on Algorithms – Needed for both practical and theoretical assessments. Introduction to project focusing on problem definition and analysis. Students will have access to sample coursework and other supporting materials to help them with writing the report						
Notes and guidance for parents, carers and students.							