Rokeby Remote working for students

Week 14   Subject: **Computing.**

Year group	
	KS3: All resources are on SMHW and Google classroom. **KS4: Unit 2.2 + NEA + SMHW**
7	**Topic: Computational Thinking – Abstraction (6th week)** • **All of you will:** • Understand the difference between general patterns and specific detail • Model everyday objects • **Most of you will:** • Create a model of a maths quiz • Write a set of instructions using the skills you have learnt with decomposition, pattern recognition and abstraction • **Some of you will:** • Write a competent, precise set of instructions which follow all the rules for computational thinking https://www.bbc.co.uk/bitesize/guides/zttrcdm/revision/1
8	**Topic: Programming (4th week)** • Use a **while** loop to repeat a section of code • Use a **for** loop to repeat a section of code • Make a choice about which loop to use, and why https://www.bbc.co.uk/bitesize/guides/z3khpv4/revision/1 **https://www.teach-ict.com/2016/ks3/sows/sow1/sow_menu.html**
9	**Topic Programming (4th Week)** • Be able to store and update values in a list • Be able to append data to a list • Be able to use a for() loop to step through a list • Understand why using a list can be more efficient than using single variables https://www.bbc.co.uk/bitesize/guides/zy9thyc/revision/1 **https://www.teach-ict.com/2016/ks3/sows/sow14/sow_menu.html**
10	**Topic: NEA (Development) (1st Week)** • Design and develop code for task 1 • Allows two players to enter their details, which are then authenticated to ensure that they are authorised players. (You'll need Python for that) **https://www.ocr.org.uk/qualifications/gcse/computer-science-j276-from-2016/assessment/**
11	**Topic: Edpuzzle videos GCSE to A Level computer science videos. Contd.** If we can try to … 1. Not put too many questions on each video (unlike some of mine) 2. Mix up freeform / multiple choice / notes 3. Add 'feedback' on each question (if appropriate) with the answer 4. Mark the completed videos in green 5. Add a link to the 'share with anyone' URL to the (Edpuzzle) label **https://docs.google.com/document/d/192UNTlWh_Ma0EOCXhOtpuxoxKos_0eR2JZU_evX-S50/mobilebasic**