

Rokeby Remote working for students

Week 11 08/06/2020 Subject Computing.

Year group	<p>KS3: All resources are on SMHW and Google classroom.</p> <p>KS4: Unit 2.2 + NEA + SMHW</p>
7	<p>Topic: Computational Thinking – Pattern Recognition (3rd week)</p> <p>All of you will:</p> <ul style="list-style-type: none"> Examine the small problems for similarities or ‘patterns’ <p>Most of you will:</p> <ul style="list-style-type: none"> Understand that patterns make it easier for us to solve complex problems <p>Some of you will:</p> <ul style="list-style-type: none"> Write an alternative set of instructions to solve problems in more than one way
8	<p>Topic: Programming</p> <p>Algorithms can be represented as pseudocode or a flowchart, and programming is the translation of these into a computer program.</p> <p>To tell a computer to do something, a program must be written to tell it exactly what to do and how to do it.</p> <p>https://www.bbc.co.uk/bitesize/articles/zm4ny9q</p>
9	<p>Topic Programming</p> <p>In this lesson learn about the most common coding languages and some of the ways that you can use coding creatively.</p> <p>This lesson includes:</p> <p>Three videos one activity to help you learn more about the topic</p> <p>https://www.bbc.co.uk/bitesize/articles/zfm48xs</p>
10	<p>Topic: NEA (Design Section)</p> <ul style="list-style-type: none"> Create a flowchart which will show broadly how your program will work. You must create a pseudocode for a part of your program (minimum of 15 lines) <p>https://www.ocr.org.uk/qualifications/gcse/computer-science-j276-from-2016/assessment/</p>
11	<p>Topic: Reading lists (Check SMHW and Google Classroom for the reading lists.)</p> <p>I have looked for books that are passionate and inspirational. Hopefully they will prompt you to read around the subject and remind you why you have chosen to study this fascinating, beautiful subject that impact’s in every area of our lives; especially at the moment. Take care and enjoy reading. Mr Milki</p> <p>https://www.cs.ox.ac.uk/admissions/undergraduate/why_oxford/background_reading.html#Books</p>