Unit 1 June Timeline 2020

Week Beginning	Tasks	Homework
27th April 2020	Read Introductory powerpoint Unit 1 extra activities Web based research task Begin Key area 1- ***Differentiation & stem cells*** by using powerpoint to complete pupil booklet p1-4	
4th May 2020	Complete Key area 1 booklet p5-9 Unit 1 extra activities Activity 1 Review Helpsheet on how to write extended responses **(Holiday 7th & 8th May)**	**Extended response:** **Give an account of differentiation under the following headings:** **i) Stem cells (4 marks)** **ii) Somatic cells (4 marks)** **iii) Germline cells (2 marks)** **Assignment Quiz 1.1**
11th May 2020	Begin Key area 2 booklet (***DNA and replication***) using powerpoint (key area 2) to fill in blanks p 1-4	**Extended response:** **Describe the structure and location of DNA (8 marks)** **Assignment quiz 1.2 DNA**
18th May 2020	Unit 1 extra activities Activity 2 Complete booklet 2 (***DNA replication***) Unit 1 extra activities booklet –Activity 3 (use internet for research) **Holiday 22nd May**	**Extended response:** **Give an account of the replication of DNA (7 marks)** **Assignment Quiz 1.2 Replication**
26th May 2020	**Holiday 25th & 26th May** Unit 1 extra activities- Activity 4 (download DNA template from internet- or build your own model! Take a picture of your finished model!) Re-read and review your notes so far.	**Create a mind map for each of the Key areas** **Learn glossaries for each (make flashcards/ get someone to test you until you are word perfect)** **Assignment Quiz 1.1 & 1.2**
1st June 2020	**Problem solving** Use the folder "problem solving": If you are confident in this skill, have a go at Paper TWO booklet on your own first. Then Use the powerpoint slides in conjunction with **paper two booklet** to help you work through the answers. Remember to use your Nat 5 Problem solving sheets to help too (copies in same	**Extended response:** **Give an account of the amplification of DNA in the Polymerase Chain Reaction (PCR) (8 marks)** **Assignment Quiz: Problem solving practice**

	folder) Then complete paper ONE booklet	
8th June 2020	Complete "Human Biology Assignment practice 2020" Booklet Begin KA1.3 (Gene expression) pupil booklet p1-4	**Assignment Quiz 1.3A DNA and RNA**
15th June 2020	Complete KA 1.3 booklet Activity 5 from Unit 1 extra activites booklet	**Assignment Quiz 1.3B Transcription & Translation**
22nd June 2020	**Scholar-**(accessed via GLOW). Review materials in Topics 1-4. Complete end of section test in each of the above topic areas.	**Scholar tests**