June programme of work for 2020-21 Advanced Higher Biology Pupils

Firstly you will need to get yourself a ring binder folder and dividers. It is extremely important that you take responsibility for your learning in Advanced Higher and your folder is organised. Your folder will be checked regularly in class throughout the year! The work below should be completed in line with the timeline and put in to your folder. You should all be able to access Scholar via Glow

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| Due date | Task | Resources |
| 07/06/20 | Read through Introductory powerpoint  K.A. 1.2 Proteins a) The Proteome  1. Read Learning Objectives 1-4 for K.A. 1.2 a  2. Read through powerpoint slides and take notes  3. Access Scholar -> AH Biology -> Cells and Proteins -> Topic 2 [Proteomics, protein structure, binding and conformational change](https://scholar.hw.ac.uk/vle/scholar/session.controller?action=viewOutline&contentGUID=5F82EE70-EC7A-C0D6-DB04-8CDDCE7F840E&unitGUID=EA91B57B-B0B7-BEFB-EFB8-6DFDCAB52D72) -> Topic 2.1 The Proteome  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  K.A. 1.2 Proteins b) Synthesis and transport of proteins  1. Read Learning Objectives 5-11 for K.A. 1.2 b  2. Read through Synthesis and transport of proteins powerpoint plus worksheets 1,2,3,and watch the videos  3. Access Scholar Access Scholar -> AH Biology -> Cells and Proteins -> Topic 2 [Proteomics, protein structure, binding and conformational change](https://scholar.hw.ac.uk/vle/scholar/session.controller?action=viewOutline&contentGUID=5F82EE70-EC7A-C0D6-DB04-8CDDCE7F840E&unitGUID=EA91B57B-B0B7-BEFB-EFB8-6DFDCAB52D72) -> Topic 2.2 Synthesis and transport of proteins.  4. Use ppt and Scholar resources to make notes and supplement notes with diagrams from w/sheets 1,2,3  5. ***Complete 1.2 a+b question w/sheet as assignment and submit*** | Introductory powerpoint  Learning Objectives for K.A. 1.2a & 1.2b  The Proteome ppt  Scholar access via Glow  \_\_\_\_\_\_\_\_  Learning Objectives for K.A. 1.2a & 1.2b  Synthesis and transport of proteins powerpoint  Worksheets 1,2,3  Scholar access via Glow  ***Assignment= 1.2 a +b question w/sheet*** |
| 14/06/20 | K.A. 1.2 Proteins c) Proteins and their Structure   1. Read 1.2c LOs 1-4 2. Read through powerpoint slides 1-17 + scholar 2.3 3. Use information from slides and scholar to make notes 4. Complete w/sheets 1 and 2 5. ***Submit w/sheet 3 as assignment and submit***   K.A. 1.2 Proteins c) Levels of protein structure   1. Read 1.2c LOs 5-7 2. Read through powerpoint slides 18-34 + scholar 2.3 3. Use information from slide, w/sheets 4+ 5 and scholar to make notes 4. Complete w/sheet 6 5. ***Complete 1.2 ci question w/sheet as assignment and submit*** | LOs 1.2 ci  Ppt 1.2c  Scholar access 2.3  W/sheets 1-6  ***Assignments=***  ***w/sheet 3 + 1.2c question w/sheet*** |
| 24/06/20 | Membrane Proteins   1. Read slides 35-53 and make notes 2. Complete Qs w/sheet and self mark 3. ***Complete and submit assignments:*** 4. ***Extended Response Q*** 5. ***Read Scientific paper and complete Qs*** | 1.2c ppt  Qs w/sheet + answers  ***Assignments= Extended Response***  ***Protein paper Qs*** |