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| **S3 Unit 1 National 5 TIMELINE 2025/26** | | | | |
| **Week Ending** | **Content** | **Homework** | | **Text book Questions** |
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| 06/06/25 | **KA1 Cell structure -**  Intro to cells & animal cell ultrastructure | | PS Cell sizes |  |
| 13/06/25 | plant cell ultrastructure & comparisons | | PS Scientific Literacy | TYK p5 |
| 20/06/25 | Fungal & Bacterial cell structure | | Cell Structure HW1 |  |
| 25/06/25  *(Hol Th, F)* | Making model cells | | PS Percentages |  |
| **Summer Holiday** | | | | |
| 15/08/25  *(Inset M & Tu)* | **KA2 Cell Transport**  cell membranes & diffusion | | PS Line and Bar Graphs |  |
| 22/08/25 | Importance of diffusion & osmosis | |  |
| 29/08/25 | Osmosis experiments.  Effect of osmosis - animals/plants | | PS Controls | TYK p17 Q1-2 |
| 05/09/25 | Active transport. REVISION | | Transport HW 1 | TYK p17 Q3-4  WYSK p18 |
| 12/09/25 | **Assessment**  **KA3** DNA structure. | | **KEY AREAS 1 & 2 ASSESSMENT** | |
| 19/09/25 | Protein production  **KA 5** Genetic engineering stages | | Transport HW 2 |  |
| 26/09/25  *(Hol F)* | **KA 5** Genetic engineering advantages and disadvantages | | Gen Eng Research Task | WYSK p34 7-10 +  P 47 7-10  (new book p35 1-14) |
| 03/10/25  *(Hol M)* | **KA4 Enzymes –** What are enzymes? | | DNA & Gen. Eng HW | TYK p47 1-3  (new book P35 q1-3)  TYK P38  (new book p27 Q1-4) |
| 10/10/25  *(Inset Fri)* | Enzyme specificity | | Enzymes HW 1 | TYK p42 Q1-3  (new book p30 Q1-3) |
| **October Holiday** | | | | |
| 24/10/25  (IS M) | Enzyme specificity | | PS Ratios | WYSK p47 1-6  (new book p35 Q1-10) |
| 31/10/25 | Degradation and synthesis | | Enzymes HW 2 | WYSK p47 1-6  (new book p35 Q1-10) |
| 07/11/25 | Effect of Temperature and pH on Enzyme activity | | PS Relationships |  |
| 14/11/25 | Revision and Assessment | | **KEY AREAS 3,4&5 ASSESSMENT** | |
| 21/11/25 | Respiration Intro and ATP | | Respiration HW 1 | TYK p50  (new book p38 Q1-4) |
| 28/11/25 | Types of respiration | | Respiration HW 2 | TYKp55 Q1-4  (new book p43 Q1-4) |
| 05/12/25 | Fermentation pathways | | Respiration HW 3 | WYSK p65 1-7  (new book p43 1-6) |
| 12/12/25 | REVISION | | **KEY AREA 6 ASSESSMENT** | |
| 19/12/25 | Final unit 1 ass REVISION  Understanding command words | | Understanding command words  REVISION | |
| **CHRISTMAS HOLIDAY** | | | | |