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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 Q3-4WYSK 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 REVISIONUnderstanding command words | Understanding command wordsREVISION |
| **CHRISTMAS HOLIDAY** |