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| **S3 Unit 1 National 5 TIMELINE 2022/2023** | | | | |
| **Week Ending** | **Content** | **Homework** | | **Text book Questions** |
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| 10/06/22 | Bees | | PS Cell sizes |  |
| 17/06/22 | **KA1 Cell structure -**  Intro to cells. Animal cell ultrastructure | | PS Scientific Literacy | TYK p5 |
| 24/06/22 | Plant cell ultrastructure. Cell comparisons. | | PS Percentages |  |
| 28/06/22  (off W, Th, F) | RECAP AND Making model cells | | PS Ratios |  |
| **Summer Holiday** | | | | |
| 19/08/22  (IS M, Tu) | Fungal & Bacterial cell structure | | PS Line and Bar Graphs |  |
| 26/08/22 | **KA2 Cell Transport** - cell membranes, diffusion | | Cell Structure HW1 |  |
| 02/09/22 | Importance of diffusion. Osmosis | | PS Controls | TYK p17 Q1-2 |
| 09/09/22 | Osmosis Expts.  Effect of osmosis - animals/plants | | Transport HW 1 | TYK p17 Q3-4  WYSK p18 |
| 16/09/22 | Active transport. REVISION | | **KEY AREAS 1 & 2 ASSESSMENT** | |
| 23/09/22 | **KA3** DNA structure.  Protein production | | Transport HW 2 |  |
| 30/09/22  (off M) | **KA 5** **Genetic engineering** | | Gen Eng Research Task | WYSK p34 7-10 +  P 47 7-10  (new book p35 1-14) |
| 07/10/22 | **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) |
| 14/10/22 | Enzyme specificity | |  | TYK p42 Q1-3  (new book p30 Q1-3) |
| **October Holiday** | | | | |
| 28/10/22  (IS M) | Degradation and synthesis | | Enzymes HW 1 | WYSK p47 1-6  (new book p35 Q1-10) |
| 04/11/22 | REVISION | | **KEY AREAS 3,4&5 ASSESSMENT** | |
| 11/11/22 | **KA6** **Respiration** - Intro + ATP | | PS Relationships | TYK p50  (new book p38 Q1-4) |
| 18/11/22 | Types of respiration | | Respiration HW 1 | TYKp55 Q1-4  (new book p43 Q1-4) |
| 25/11/22 | Fermentation pathways | | Respiration HW 2/3 | WYSK p65 1-7  (new book p43 1-6) |
| 02/12/22 | REVISION | | **KEY AREA 6 ASSESSMENT** | |
| 09/12/22 | Final unit 1 ass REVISION  Understanding command words | | Understanding command words  REVISION | |
| 16/12/22 | Final Unit 1 Assessment | | **UNIT 1 Assessment** | |
| 23/12/22 |  | |  | |
| **CHRISTMAS HOLIDAY** | | | | |