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| **S5 National 5 2024/25** |
| **Wk** | **Week Ending** | **Content** | **Homework** | **Dates** |
| 1 | 07/6/24 | Introduction to cells, cell ultrastructure | PS Cell Sizes  |  |
| 2 | 14/06/24 | Cell ultrastructure, the cell membrane | Cell Structure HW |  |
| 3 | 21/06/24 | Diffusion | PS Scientific Literacy |  |
| **SUMMER HOLIDAY** |
| 4 | 16/08/24 | Osmosis, active transport | PS Ratios and Percentages  | *Inset Mon & Tue* |
| 5 |  23/08/24 | Active transport, Revision | Transport HW 1 and 2 |  |
| 6 | 30/08/24 | DNA, Proteins, Genetic Engineering | KA 1 and 2 Assessment |  |
| 7 | 06/09/24 | Genetic engineering, introduction to enzymes | PS Controls  |  |
| 8 | 13/09/24 | Factors affecting rate of enzyme activity | Enzymes HW 1 and 2 |  |
| 9 | 20/09/24 | Revision, Test, Intro to respiration. | KA3/4/5 Assessment  |  |
| 10 | 27/09/24 | Types of respiration, effect of exercise | Respiration HW 1 and 2 and 3 | *Hol Fri* |
| 11 | 04/10/24 | Revision, Unit 1 assessment | End of Unit 1 Assessment | *Hol Mon* |
| 12 | 11/10/24 | Producing new cells, stem cells | PS Relationships | *Inset Fri* |
|  |  | **OCTOBER WEEK** |  |  |
| 13 | 25/10/24 | Cells, tissues, organs, gametes |  |  |
| 14 | 01/11/24 | Fertilisation, discrete and continuous variation | Producing New Cells HW |  |
| 15 | 08/11/24 | Monohybrid crosses, revision | Reproduction HW |  |
| 16 | 15/11/24 | Plant transport | KA1/3/4 assessment |  |
| 17 | 22/11/24 | Animal transport | Variation and Inheritance HW |  |
| 18 | 06/12/24 | Absorption of materials | Plant Transport Systems HW |  |
| 19 | 12/12/24 | Control and communication | Animal Transport HW |  |  |
| 20 | 20/12/24 | Revision | End of Unit 2 assessment |  |
| **Christmas Holidays** |
| 21 | 10/01/25 | Prelim Revision | Simple Relationships / PS Booklet |  |
| 22 | 17/01/25 | Prelims |  |  |
| 23 | 24/01/25 |  Prelims |  |  |
| 24 | 31/01/25 | Assignment |  |  |
| 25 | 07/02/25 | Assignment |  |  |
| 26 | 14/02/25 | Ecosystems, consumers, producers | Describing Relationships / PS Booklet |  |
| 27 | 21/02/25 | Foodwebs, niche, identifying organisms | Ecosystems HW | *Hol Mon + Tues, Inset Wed*  |
| 28 | 28/02/25 | Sampling techniques, photosynthesis | Distribution of organisms HW |  |
| 29 | 07/03/25 | Photosynthesis, energy transfer, pyramids | Photosynthesis HW |  |
| 30 | 14/03/25 | KA5 food production, KA6 adaptations | Energy in ecosystems HW |  |
| 31 | 21/03/25 | Revision |  |  |
| 32 | 28/03/25 | Revision | End of Unit 3 Assessment  |  |
| 33 | 04/04/25 | Revision |  |  |
|  | 07/04/25- 22/04/25 | EASTER HOLIDAYS |  |  |
|  | 26/04/25  | SQA Exams Begin 22/04/25  |  |  |