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| WEEK/Dates | TOPIC | HOMEWORK |
| Week beginning :  2/9/19  Week beginning:  9/9/19 | Key concepts in biology   * Cells and specialised cells * Microscopy * Enzymes * Enzymes in breakdown and synthesis * Energy in food * Diffusion, osmosis and active transport * Investigating osmosis | * Cells and specialised cells worksheet * Microscopy worksheet * Enzyme worksheet |
| Week beginning:  16/9/19  Week beginning:  23/9/19 | Cells and controls   * Mitosis * Cell division and growth * Stem cells * The brain and the spinal cord * The nervous system * Synapses and nerves. * The Eye | * Mitosis worksheet * Growth and cell development worksheet * The eye key words and worksheet |
| Week beginning:  7/10/19  Week beginning:  14/10/19 | Genetics   * Sexual reproduction and meiosis * DNA * Protein synthesis * Genetic diagrams * Sex linked genetic disorders * Inheritance and blood groups * Variation * The human genome projects | * Genes. Chromosomes and DNA * Protein synthesis worksheet * Genetic Disorders assessment * Inheritance and blood groups worksheet |
| Week beginning  28/10/19  Week beginning:  4/11/19  Week beginning:  11/11/19 | Natural selection and genetic modification.   * Natural selection and evidence for evolution. * Darwin and Wallace. * Fossil evidence for human evolution * Classification * Selecting breeding * Tissue Culture * Genetic Engineering * GMOs and Human population Growth | * Natural selection worksheet * Evidence for evolution. * Genetic engineering news report project. |
| Week beginning:  18/11/19  Week beginning:  25/11/19  Week beginning  2/12/19 | Health, Disease and the development of medicines.   * Health and disease * Viruses and STIs * Plat disease * Fighting disease * Memory lymphocytes and immunisation * Monoclonal antibodies * Antibiotics and other medicine. * Investigating antibiotics and antiseptics * Non-communicable disease * Measures of obesity * Treatment for cardiovascular disease | * Health and disease worksheet. * Antibiotics and medicines * Plant disease worksheet * Communicable disease. * Obesity causes. * Cardiovascular disease   Bacterial reproduction. |
| Week beginning  **9/12/19-16/12/19 PASTPAPERS EXAM PRACTISE PAPER 1** | | |
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