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| WEEK/Dates | TOPIC | HOMEWORK |
| Week beginning : 2/9/19Week 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
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| Week beginning: 16/9/19Week 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
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| Week beginning: 7/10/19Week 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
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| Week beginning28/10/19Week beginning: 4/11/19Week 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.
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| Week beginning: 18/11/19Week beginning: 25/11/19Week 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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