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| Week/dates | Topic | Homework |
| Week beginning:  20/11/17 | CELL Biology | * Structure of plant and animal cells * Function of main organelles * Specialised cells * Classify Yeast cells, bacterial cells, Plant cells, animal cells as eukaryotic and prokaryotic * Chromosomes, mitosis, diffusion * Osmosis   Experiment-Practical   * Microscopy * Osmosis |
| Week beginning:  27/11/17 | Organisation | * Cells, tissue, organ and organ system * Functions of digestive system * Catalyst, enzymes and their properties * Circulatory system * Function of the pacemaker cells and coronary arteries. * Plant structure-Photosynthesis * Transpiration   Experiment- Practical   * Enzymes * Food Tests |
| Week beginning:  4/12/17 | Infection and Response | * Pathogens * Bacteria, viruses * Viral and bacterial diseases, AIDS * Malaria * Immunity * Antibiotics and pain killers and drugs   Experiment- Practical   * Reaction Time |
| Week beginning:  11/12/17 | Bioenergetics | * Photosynthesis * Aerobic and anaerobic Respiration * Metabolism   Experiment- Practical   * Photosynthesis * Plant Responses |
| Week beginning:  18/12/17 | Homeostasis and response | * Homeostasis * Nervous system * Reflex action * Nervous and Endocrine system * Diabetes, menstrual cycle, contraception * Fertilisation |
| Week beginning:  8/1/18  15/1/18 | Inheritance, variation and evolution | * Sexual and asexual reproduction * Meiosis * Punnett square and sex determination * Structure of chromosomes, DNA * Inherited disorders, polydactyly and cystic fibrosis * Genetic engineering * Mutation * Extinction |
| Week beginning:  22/1/18  29/1/18 | Ecology | * Classification of organisms * Ecosystem, habitat, interdependence * Habitat * Random sampling using a quadrat   Experiment- Practical   * Field Investigations * Food chain, carbon cycle, bio-diversity * Water pollution, acid rain * Deforestation * Global warming |