|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Subject | Spring 1 | | Spring 2 | |
| English | Language Paper 1 | | ‘Anita and Me’ | |
| Maths | Foundation | Higher | Foundation | Higher |
| Unit 6 Angles, polygons and parallel lines  Unit 7 Averages and range, sampling, collecting data, analysing data | Unit 5a Angles, polygons, parallel lines;  Unit 5b Right-angled triangles: Pythagoras and trigonometry  Unit 6ab Real-life and algebraic linear graphs, plus rates of change and area under graphs made from straight lines | Unit 8 Perimeter, area and volume I  Unit 9 Real-life and algebraic linear graphs | Unit 6c quadratic and cubic graphs, the equation of a circle  Unit 7 Perimeter, area and volume, plane shapes and prisms, circles, cylinders, spheres, cones; Accuracy and bounds  Unit 8 Transformations; Constructions: triangles, nets, plan and elevation, loci, scale drawings and bearings |
| Science Trilogy | Foundation | Higher | Foundation | Higher |
| **Biology:** Infection and response, Bioenergetics  **Chemistry:** Chemical change  **Physics**: Electricity, particles | **Biology:** Infection and response, Bioenergetics  **Chemistry:** Chemical calculations, chemical change  **Physics**: Electricity, particles | **Biology:** Bioenergetics, Cells  **Chemistry:** Chemical change, electrolysis, energy changes  **Physics**: Atomic structures, Maths practice, exam skills | **Biology:** Bioenergetics  **Chemistry:** Chemical change, electrolysis, energy changes  **Physics**: Atomic structures, Maths practice, exam skills |
| Biology | Bioenergetics | | Ecology | |
| Chemistry | Chemical calculations, chemical change | | Electrolysis, energy changes | |
| Physics | Particles, atomic structure | | Atomic structure, required practicals, equations and exam question prep | |
| History | Life in Nazi Germany – persecution of minorities, propaganda, opposition.  Conflict in Asia – Korean War | | Conflict in Asia – Korean War.  Conflict in Asia – Vietnam War. | |
| Geography | Resource management – sustainable industry, food, water, energy | | Resource management – water. Geographical skills. Physical Geography – rivers, erosion. | |
| French | Daily routines and celebrations | | Describing a region | |
| Spanish | Family and relationships | | Leisure activitie**s** | |
| Drama | Rehearse and perform 2 sections of script | | Live performance review and mock written exam | |
| Music | Popular Music | | Popular Music | |
| Art | Portfolio: Record collecting images inspired by a theme. Working from images in appropriate media. Take own photo inspired by a theme | | Portfolio: Develop Researching an artist linked to own idea, gathering and presenting information, working from artist images, creating art work in the ‘style of’ the artist | |
| Graphics | Photography skills, 3D shapes and layering. Choose artist and start Artist’s copy | | Develop photography in style of Artist, use of text, reviewing and refining contemporary photography. | |
| DT | Materials and properties, forces and stresses, ecological and social footprint. Mock NEA | | Polymers, textiles, modification, commercial processes, scale of production. Mock NEA | |
| Food | Food Science – chemical properties | | Food safety and food choice | |
| Child Development | Evaluating play, comparison to norms, synoptic assessment | | Contraception, diagnostic tests, postnatal provision, caring for an ill child, safety and First Aid. | |
| PE | Table tennis, volleyball, dance, fitness/spin  **Theory:** warming up and cooling down, mental preparation, Injury prevention and hazards, components of fitness | | Volleyball, handball  **Theory:** Types of guidance and feedback, methods of training, aerobic v. anaerobic exercise, short and long term effects, functions of the CV system | |
| RP | Muslim beliefs | | Muslim practices | |
| Business | Interest rates, employment, globalisation, | | Risks facing Businesses, methods of production. | |
| Life | Financial capability, diversity, radicalisation, local services | | Local services, drugs ROA, CSE | |
| Computing | Data types & structures, searching and sorting algorithms, problem solving skills in python | | Input & Output. Binary & hexadecimal. Problem solving. | |
| IMedia | Digital graphics – meeting customer requirements. Storytelling with a comic strip – analysis and planning | | Storytelling with a comic strip – planning and implementation. | |
| Citizenship | What is the UK's role in key international organisations? How can citizens make their voice heard and make a difference in society? | | What laws does a society require and why?  What are a citizen's rights and responsibilities within the legal system?  How has the law developed over time, and how does the law protect the citizen and deal with criminals? | |