

Year 10: Summer 3.1

English	Maths	Science
In English this half term pupils will be working on increasing their vocabulary skills. The unit will consist of discussions on a wide range of social issues such as: Recreational Drug Use. Pupils will read a wide range of contemporary text which will aim to widen vocabulary from various literature. Finally, pupils will participate in a spelling contest in which they will have to verbally spell the words out loud. Pupils will read case studies, newspaper articles and autobiographies. The focus of the reading will be on clarifying.	In Maths this half term pupils will study triangles and constructions, correctly identifying the longest side in a right-angled triangle and be able to apply Pythagoras' theorem to find the longest side. Following this, pupils will calculate the mean, mode, median and range from a list, a frequency table and grouped data. Pupils will label a circle with all its properties. Finally, pupils will compare gradients of straight lines and interpret them if appropriate, as speed or acceleration or rate of change.	In Science this half term reactions will be categorised into 'Exothermic' and 'Endothermic' reactions. Electricity will be used to decompose ionic substances and chemical reactions will be shown to be reversible. Pupils will learn that the effects of different variables need to be established. Quantitative analysis will be used to determine the formulae of compounds and the equations for reactions. Pupils will use quantitative methods to determine the purity of chemical samples. Following this, pupils will identify different types of chemical reaction that allow chemists to make sense of how different chemicals react together.
PSHE	Art	PE
In PSHE this half term, learning will focus on communities, belonging and challenging extremism. Pupils will revisit previous learning and explore the importance of communities, inclusion, respect and belonging. To further their understanding pupils will learn about the Equality Act, diversity and values. They will explore how social media may distort or misrepresent information in order to influence beliefs and opinions. Pupils will learn skills to manage conflicting views and misleading information and how to safely challenge discrimination. Additionally, pupils will learn how to recognise and respond to extremism and radicalization, including where to find support and report concerns.	In Art this half term pupils will begin their mock GCSE project. This is the last project that the pupils will be completing before the exam topic in January of Year 11. Pupils will be given last year's exam paper and will have the choice of seven different potential titles. This project will be entirely self-led and the teacher will act as a guide and facilitator. Pupils will gather source material from mind maps, mood boards, drawings and photographs and will research chosen artists work to inform their own practice.	In PE this half term pupils will develop their Athletics skills. Pupils have previously developed a range of skills and concepts in Athletics, they will continue to build upon the previous year's skills learned developing the more technical aspects of Athletics. In Javelin, pupils will have previously learned the basic grip, stance and pull. To build upon this, they will learn the necessary skills of the cross over technique. Similarly, pupils have learned the Triple Jump technique, they will incorporate the approach and other transferable skills from Long Jump to other Athletics disciplines.
Geography	Food Technology	History
In this half term pupils will begin Unit 2, Topic 5, 'The UK's Evolving Human landscape', this will be part of their preparation for the GCSE exam. Pupils will have an opportunity to take part in a fieldtrip. They will plan and prepare their trip to develop an understanding of the kinds of questions that can be investigated through fieldwork in an urban environment. Fieldwork data collected must include at least: one qualitative fieldwork method to collect data on the views and perceptions of quality of life, one quantitative fieldwork method to collect data on environmental quality, census data e.g., Office for National Statistics (ONS) Neighbourhood Statistics and one other source chosen by the class.	In Food Technology this half term pupils will be exploring features and characteristics of the British cuisine from 50 years ago to today cuisine with how it's changed over the years. Pupils will look at the factors that influence other international cuisines and to be aware that the following affect food choices: personal, social, economic, medical, religious, cultural beliefs, ethical and moral beliefs. Finally, pupils will be exploring new and emerging foods and the uses of additives. As pupils look at these areas, they will also be making a mixture of products from a range of products including making Bread, Chicken Kebabs, Curries, Salads and Fruit Crumble.	In History this half term, pupils will be studying 'Elizabethan England 1568-1603'. Pupils will begin exploring who Elizabeth was and how she became Queen. They will then evaluate the causes, key features and consequences of some of the challenges that Elizabeth faced during her reign. Following this, pupils will use different interpretations to explain why the issues of succession and marriage were so important. This knowledge will be used to describe the structure of Elizabethan society. Finally, pupils will evaluate whether 'The Golden Age' is an accurate description of the Elizabethan era.
Business Studies	Music	Construction
In Business Studies this half term pupils will be studying Unit 1, Topic 6, 'Growing a Business'. Pupils will begin by researching a range of internal and external methods of business growth, including mergers and takeovers. They will then compare internal and external sources of finance that are available to aid business growth. Finally, pupils will analyse how business compete internationally and the impact of globalisation on business	In Music this half term pupils will begin to work on the second of their chosen units. Pupils will be given a brief and a scenario to respond to. They will have to complete tasks and evidence their work. Pupils will look at the music industry, exploring job roles within the from Sound Engineers, Producers to Promoters and how they affect each other. They will also explore the capabilities of different venues and venue management.	In Construction this half term pupils will continue with the two units studied in the previous term. Pupils will talk through the importance of a using a planner and will use it to organise their time on the course. They will also explore deadlines and the importance of setting and meeting them. Alongside this, pupils will discover different types of Bonds and Brick patterns, pupils will also explore different Pointing methods and techniques. Finally, pupils will prepare, cost and design a small wall that they will build.

Enrichment

As part of the Enrichment Programme, pupils will be given the opportunity to experience:

Diverse Voices: Pupils will participate in Performing Arts, sessions will focus on expanding and challenging current acting skills, by exploring mime, movement and other ways of conveying meanings without dialogue. Through exploration of different art forms pupils also develop transferable skills that enhance non-verbal communication, perceptive awareness, self-expression and confidence both socially and in performing. Pupils will take part in a range of activity to build their confidence to perform in front of others.

Lambourne End: Pupils will be on a low ropes course working on their balance and strength trying to say dry over more difficult challenges than previous years. Pupils will then be both climbing and abseiling down a 30-meter wall and trying more harder aspects of the wall. Following that, pupils will be developing their teamwork skills to overcome challenges over different obstacles and finally taking part in an archery session.

Employability and Work Experience: Our Employability and Work Experience Programme is aimed at giving pupils a greater understanding of the expectations that will be placed on them in the workplace. The course begins with pupils exploring career options and discussing what employers are looking for in potential hires. Following this, pupils work on the skills that employers want, practice their interview skills and discuss office politics. Finally, once pupils have sufficiently developed these skills, they take part in focused work experience that will leave them with a better understanding of the working world.

Fairlop Waters: Pupils will be going to Fairlop Waters to take part in a variety of water-based activities. Pupils will be learning how to sail, they will be setting off, balancing, sail setting and steering the boat in pairs with good communication needed. Following this, pupils will be working on their balance and strength in trying paddle boarding. Finally, pupils will be learning how to paddle both in Kayaks and Canoes engaging in core, chest, back and arm muscles. These opportunities will give the pupils knowledge about water safety, develop teambuilding skills and encourage social interactions and bonding with their peers.

Activities in the Community/Charity: Pupils will take part in our Charity Programme, pupils will gain real-life experience and practice important habits like leadership, problem-solving, and time management. Volunteering offers pupils the opportunity

Activities in the Community/Charity: Pupils will take part in our Charity Programme, pupils will gain real-life experience and practice important habits like leadership, problem-solving, and time management. Volunteering offers pupils the opportunity to apply their classroom learning to practical scenarios that have real implications. Pupils will work together to pick a Charity of their choice and consider different ways they can give back to the community.

Rowing: Pupils as part of the school's Rowing programme pupils will return to the Royal Docks Rowing Centre whereby they will work with an experienced team of Rowers to improve their understanding of what is required to successfully row in open water. This will include learning about co-ordination and rhythm on different types of boats. Building on the Rowing skills previously learned pupils will develop more holistic skills such as problem solving, leadership, resilience, and teamwork. This will see pupils progress through a range of challenges in the in-door gym and training pool before being set free on the open water to put into practice all they have learned.

Box Up Gym: Pupils will visit a local boxing gym and take part in a specifically designed programme to boost their physical fitness as well as develop their self-discipline and confidence. Physical exercise is believed to allow for the dissipation of energy leading to improvements in anger, stress, mood, anxiety and overall quality of life. Pupils will have access to Box Up Mentors and Trainers who will support them with their personalised fitness plans.