

Subject	Overview
Mathematics	Students will study the following: • Ratio: Students will be able to express ratio in multiple forms including 1:n, compare ratios with related fractions and solve proportional problems. • Proportion and Scale Students will be able to solve basic direct proportion problems. They will also explore the relationship between similar shapes, work with scale diagrams and maps and explore how conversion graphs work. • Algebraic Manipulation: Students will consolidate their understanding of equality and equivalence studied in year 7 by substituting different values into algebraic expressions. Students will then build upon this, as they learn how to expand and factorise linear expressions. To conclude, students will learn how to expand double brackets to form quadratic expressions. • Homework: Sparx Maths homework will be set weekly throughout this half term, set on a Monday, due to the following Monday. • Assessments w/c 28th September – Ratio End of Unit Assessment w/c 12th October – Proportion and Scale End of Unit Assessment
English	Students will study the following: The Social Outsider • Frankenstein the play: Students will read the play as a class • Students will study how the creature and Victor are presented through the writer's use of language Assessment: Students will be assessed on their ability to write a WHAT-HOW analysis of an extract of the play which they must link to other parts of the text. Mode A Homework: Students should complete at least 20 points each week on Bedrock Learning by completing vocabulary and grammar lessons.
Science	Students will study the following: • Working Scientifically: Students will continue to refine their knowledge of the scientific method by looking in detail at how to present and process data from an experiment. Students will explore ideas associated with errors in scientific investigation, how errors can be minimised or eliminated and how scientists account for errors when processing and presenting their data both in tabular and graphical forms. • Waves: Students will begin their study of the concept of waves which they will finish in the next half term. Students will learn the fundamental difference between a wave and a particle. Students will then go on to study the two main forms of waves before looking in detail at sound waves, how they are interpreted by the ear and applications of sound waves. Homework: Students will complete assigned homework from the homework booklet.
French	Students will study the following: • Introduction to France and French: Students will study the phonics and key verbs to begin study of the language. They will also study different areas in France to explore a new culture. • Grammar: Students will learn how to ask and answer questions and extend sentences using connectives. Homework: Homework will be set on Linguascope or through a written task three times throughout the half term. Assessment will be in the next half term.
German	Students will study the following:

	• Free-time: Students will study music, food and sports. They will recall and develop how to give opinions, as well as developing their answers in past and future tense. Homework: Homework will be set on Linguascope or through a written task three times throughout the half term. Assessment will be in the next half term.
Communication Studies	Students will study the following: ‘The Call of the Fylde’- Students will study the features of the local accent and dialect and celebrate their cultural identity. They will learn about: • Features of the Lancashire accent • Accent stereotyping • Features of the Lancashire dialect • Code-switching • The influence of Multi-cultural London English No homework will be set in this subject.
Geography	Students will study the following: • ‘Should Antarctica be protected?’ • In this topic we look at the region of Antarctica, students will learn- The location, biodiversity, human use and threats facing Antarctica. • The students will end by looking at the sustainable management strategies which are in place to protect Antarctica. Assessment: ‘Should Antarctica be protected’ end of use assessment, in the last two weeks of term.
History	Students will study the following: <u>The English Civil War?</u> • Why did the Civil War Break out? • How did people choose sides in the Civil War? • How did soldiers fight? • What was the New Model Army? • Why was the Battle of Naseby important? • Why was Charles’ trial and execution significant? • How did Oliver Cromwell rule Britain? • Are interpretations of Charles II accurate? Assessment: Definitions of key terms and events and concepts
Religion, Ethics and Philosophy	Students will study the following: How does scripture guide life? • How do Muslims learn about akhlaq? Exploring: -What is akhlaq (morality and character), looking how the Qur’an and Hadith is a guide to shaping character and behaviour, how Muslim leaders use the holy text to guide communities. • How does the covenant impact Jewish lives? Exploring: - What is a covenant? the revelation of the covenant, how Jewish lives reflect the covenant (for the different denominations), the three different covenants. • Do religions all have the same basic rules? Exploring: the 10 commandments, the Buddhist 5 precepts, the 5 pillars of Islam, the universal use of the Golden Rule in and out of religion, what would life look like without rules? • Why does the world need justice? Exploring: What is fairness and justice? how do Christians promote justice? how do Hindus promote justice? God as fair and just, non-religious ideas of justice and democracy, karma, and consequences to actions. Homework: : Revise and reflect for our end of unit assessment.
PSHE	Students will study the following:

	Rights and Equality theme: • The Equality Act • LGBT rights across the world • ableism and disability discrimination • gender and equality • racism and removing barriers
PE	Students will study the following: • Girls: Netball and Badminton • Boys: Rugby All boys need a gum shield and football boots.
Design and Technology	In the 'Create' project students will study the following: • Product Analysis: Students will understand the importance of looking at existing products and analyse existing mood lights working out how they were made, what the product does and what features could be used in a new design. • Design Specification: Students will understand the importance of writing a design specification and will be able to write their own specification for their mood light, outlining a list of criteria that their completed mood light needs to meet. • Design Ideas: Students will create a series of freehand sketches of design ideas that meet the design brief. In the 'Food & Nutrition' project students will study the following: • Food Provenance: Students will achieve an understanding of where our food comes from and whether foods are grown, caught or reared. Students will then look at the difference between primary and secondary processing and farming methods. Students will be able to identify seasonal foods and understand the concept of food miles. • Food Waste: Students will understand the impact that food waste has on the environment and will be able to suggest ways to reduce waste. In the 'Skills' project students will study the following: • 3D CAD: Students will learn the basics of a 3D CAD program (OnShape) to design and make a 3D Printed book holder. Assessment – Ongoing summative assessment on designing and making skills in project booklets. Homework Research and design developments.
Art	Students will study the following: Plant Project Students will develop the skills and knowledge learnt in Year 7 by completing the following: • Tonal grid drawing based on the artist Karl Blossfeld, • Colour Theory – Tertiary Colours • Painting based on the artist Georgia O'Keeffe, • Analysing the work of Artists, • Annotating their artwork.

Music and Performing Arts	In Music, students will study the following: • Topic: Blues, Jazz, Rock n Roll • Listening/ Appraising: 1920-1950 Music. Identify instruments, rhythm, musical features • Understanding: Origin and context of blues music. Slavery, notational reading, treble/bass clef, improvisation notes. Development of the blues. Lyric writing. • Performing: 12 bar blues, Jazz, Dixieland, Big Band and Swing, Rock n roll, Improvisation, walking bassline, instrumental technique and singing. In Performing Arts, students will study the following: Topic: Musical Theatre Grease • Skills- Development of physical and vocal skills, responding to direction and reviewing skills. • Understanding -key characteristics of naturalistic acting techniques. (Stanislavski) Historical understanding of the 1950s culture and the storyline/characters in Grease. • Performing- Small groups scripted acting performance, option to dance or sing. Homework • Microsoft forms Quiz on physical skills, vocal performance skills and their knowledge of Grease. • Learning Lines, choreography, or lyrics for their group performance.
Computing	Students will study the following: E-Safety: Social media • Students will learn about the impact of social media in the modern day • They will also develop critical thinking skills to evaluate trustworthy and untrustworthy content online. Physical computing: • Students will learn the names and roles of different hardware and software for computer systems. • Looking at how specifications can change and improve computer systems National Curriculum Reference: • ICT curriculum: E-safety and digital literacy. • Personal safety and responsible behaviour online. • Computer Architecture Why this? • Educating students on e-safety is crucial in today's digital age to ensure they can navigate the internet safely and responsibly. • Combining e-safety with graphic design skills helps reinforce their learning through creative and practical applications. Why now? • Early exposure to e-safety principles helps students develop safe online habits from a young age. • Identifying components of a computer system and how they all work together to fit in with different scenarios.

Homework/ Assessment:

- Quizzes on key e-safety concepts and terminology.
- Projects demonstrating understanding by selecting a computer system for a client brief.