What will I learn during the Spring Term?

Tutor Time	• Continue to strengthen independence, organisation and positive learning habits. • Develop reading fluency, comprehension and vocabulary through daily tutor-led reading. • Personal Development Passport focus on relationships, wellbeing and responsible decision-making. • Key assembly themes this term include Healthy Relationships, Online Influence and Holocaust Remembrance.	**English**	• Study a range of protest poems responding to conflict, injustice and social change. • Analyse how poets use imagery, tone, rhythm and structure to convey message and emotional impact. • Compare poems to explore different perspectives and viewpoints. • Write original protest poetry to express personal or societal concerns. • Study *Romeo and Juliet*, exploring character development, conflict and relationships. • Analyse Shakespeare's language, imagery and dramatic structure within an Elizabethan context. • Write analytical responses linking characterisation, theme and context, supported by evidence. • Perform extracts to explore emotional tone, staging and interpretation.
Maths	• Draw and interpret quadratic graphs, identifying roots and turning points. • Recognise and interpret cubic, exponential and reciprocal graphs. • Construct and interpret cumulative frequency graphs to estimate quartiles and interquartile range. • Draw and analyse box plots from cumulative frequency data. • Solve angle problems involving polygons, including interior and exterior angles. • Apply index laws, including fractional and negative indices. • Work confidently with standard form and calculations involving very large and very small numbers. • Calculate theoretical and experimental probability and compare outcomes.	**Science**	• Apply the particle model to explain changes of state, density and internal energy. • Study alpha, beta and gamma radiation, including penetration and associated risks. • Interpret radioactive decay graphs and evaluate safety information. • Study infection and response, including how pathogens cause disease and how the immunesystem defends the body. • Explore vaccination, antibiotics and methods of disease prevention. • Study photosynthesis and respiration, analysing how energy is transferred in living systems. • Interpret biological data and graphs to explain rate processes.
Geography	• Study the causes, impacts and management of natural hazards including earthquakes, volcanoes and tropical storms. • Explain physical processes that lead to hazard formation. • Compare hazard case studies from different economic contexts. • Evaluate how vulnerability and resilience vary between regions. • Study coastal erosion, transportation and deposition processes. • Explain how coastal landforms are created and changed over time. • Evaluate coastal management strategies and their environmental and social impacts.	**History**	• Study the Holocaust, examining the roots of antisemitism and Nazi ideology. • Explore individual experiences of persecution, survival and resistance. • Analyse historical sources to understand differing perspectives. • Study the causes, events and global consequences of the Second World War. • Examine leadership, technological change and the experiences of civilians and soldiers. • Write structured explanations evaluating cause, consequence and significance.
Spanish	• Study school life, rules and facilities using the present tense and expressions of opinion. • Use reflexive verbs and expressions of obligation accurately. • Learn and apply the conditional tense to describe an ideal school and future study plans. • Develop vocabulary linked to education and future ambitions. • Write an extended article about the importance of languages and future aspirations. • Strengthen accuracy in speaking and writing using multiple time frames.	**Computing**	• Develop programming skills using text-based languages such as Python. • Use variables, selection and iteration to solve problems. • Apply logical thinking to debug and improve programs. • Develop understanding of algorithms and computational thinking. • Create and refine solutions through testing and evaluation.
RE	• Study secularism as a worldview and explore why societies become more secular. • Analyse how secular and religious perspectives influence public life. • Explore religious and non-religious views on happiness, fulfilment and meaning. • Compare different philosophical arguments about what makes a good life. • Develop justified personal conclusions supported by evidence and reasoning.	**PSHE**	• Learn about healthy and unhealthy relationships, including boundaries and consent. • Explore peer pressure and how influence operates online and offline. • Understand legal and social responsibilities within relationships. • Study body image and the impact of media, influencers and online culture. • Develop critical thinking about unrealistic standards and self-esteem.
PE	• Develop understanding of fitness components and principles of training. • Apply training methods safely and effectively. • Improve strength, control and coordination through gymnastics and fitness activities. • Analyse performance to identify areas for improvement. • Apply tactical awareness across a range of physical activities.	**Art**	• Explore mixed-media techniques including layering, texture and mark-making. • Develop expressive drawing skills using a range of materials. • Study how artists use colour, form and composition to communicate meaning. • Analyse and evaluate artistic choices using subject-specific vocabulary.

Drama	• Study different theatre styles and how meaning is communicated to an audience. • Develop interpretation of text through rehearsal and staging choices. • Explore how performance techniques influence audience response. • Analyse drama using accurate subject terminology. • Perform extended scenes with increasing control and intention.	**Music**	• Study how music is used to create mood and atmosphere in film. • Explore techniques such as leitmotifs, instrumentation, texture and tempo. • Compose music to accompany visual stimuli. • Perform as part of an ensemble, responding to visual and musical cues. • Use music technology to edit, layer and refine compositions.
Design Technology	• Develop card models to test proportion, structure and functionality. • Evaluate designs and refine ideas through iteration. • Manufacture an acrylic lamp shade using specialist equipment. • Assemble and refine all components into a complete product. • Apply accuracy, quality control and problem-solving throughout the process.	**Food & Nutrition**	• Study food science processes including coagulation, gelatinisation and heat transfer. • Apply food science theory through practical investigations. • Analyse how variables affect texture, flavour and appearance. • Record results clearly and interpret findings. • Evaluate outcomes using appropriate subject vocabulary.