

Paddington Academy Year 9 Curriculum	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>English</b>	<p><b>Power and Weakness</b></p> <ul style="list-style-type: none"> <li>- Exploring John Steinbeck's acclaimed novel 'Of Mice and Men', set in 1930s USA during the Great Depression</li> <li>- Exploring character relationships, symbolism</li> <li>- Studying non-fiction articles and literary criticism</li> </ul>	<p><b>Persuasion and Corruption</b></p> <ul style="list-style-type: none"> <li>- Exploring George Orwell's 'Animal Farm' as an influential 20<sup>th</sup> century</li> <li>- Exploring a contextual approach of informing the world about the dangers of corrupt power</li> <li>- Exploring a range of texts on the theme of corruption</li> <li>- Refining persuasive writing skills</li> </ul>	<p><b>Darkness and Light</b></p> <ul style="list-style-type: none"> <li>- Exploring the idea of inherent good and evil, and the human condition through Stevenson's 'Jekyll and Hyde'</li> <li>- Exploring Victorian London and the attitudes of the time</li> </ul>	<p><b>Love and Hate</b></p> <ul style="list-style-type: none"> <li>- Exploring Shakespeare's 'Romeo and Juliet'</li> <li>- Developing evaluative skills, taking into account different opinions and interpretations of the play and its characters</li> <li>- Analysing language for personal responses</li> <li>- Exploring the themes of love and hate through non-fiction texts for group presentations</li> </ul>	<p><b>Forbidden Love</b></p> <ul style="list-style-type: none"> <li>- Exploring Arthur Miller's vivid picture of working-class struggle, illegal immigration, honour and forbidden love in his domestic tragedy, 'A View from the Bridge'</li> <li>- Forming and expressing opinions through analysis and evaluation</li> <li>- Comparative evaluation with Romeo and Juliet</li> </ul>	<p><b>End of year assessments</b></p> <ul style="list-style-type: none"> <li>- Revision of key skills</li> <li>- Developing key revision skills</li> <li>- Developing exam literacy</li> </ul> <p><b>British Literature Timeline</b></p> <ul style="list-style-type: none"> <li>- Preparation for Year 10 &amp; 11</li> <li>- Exploration of timeline of British Literature: Anglo Saxon period, Shakespeare, the Victorian era, modernism and post-modernism</li> </ul>
<b>Mathematics</b>	<p><b>Coordinates</b></p> <ul style="list-style-type: none"> <li>- Plotting coordinates in four quadrants</li> <li>- Calculating midpoints, endpoints and solving problems using coordinate grids</li> </ul> <p><b>Linear Graphs</b></p> <ul style="list-style-type: none"> <li>- Using knowledge of coordinates to plot graphs, identify parallel and perpendicular lines and analyse real life graphs</li> </ul> <p><b>Direct and Inverse Proportion</b></p> <ul style="list-style-type: none"> <li>- Direct and inverse proportion, and their graphical representation</li> <li>- How to understand and use scale factors</li> </ul> <p><b>Scales and Standard Form</b></p> <ul style="list-style-type: none"> <li>- Using standard form to express very large and small numbers</li> <li>- Extending knowledge through standard form problems</li> <li>- Using scales to solve distance and area problems</li> </ul>	<p><b>Sequences, expressions and equations</b></p> <ul style="list-style-type: none"> <li>- Developing knowledge of linear and non-linear sequences</li> <li>- Recognising and representing number patterns, expressions and find and generate the n<sup>th</sup> term</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>- Building on knowledge of algebra from Year 7 and 8</li> <li>- Expanding and factorizing</li> <li>- Changing the subject of a formula</li> </ul>	<p><b>Constructions</b></p> <ul style="list-style-type: none"> <li>- Using a compass, ruler and protractor</li> <li>- Accurately constructing a perpendicular bisector, bisecting an angle and constructing triangles, quadrilaterals and circles</li> </ul> <p><b>Congruency and similarity</b></p> <ul style="list-style-type: none"> <li>- Deriving and using conditions for congruent triangles</li> <li>- Enlarging shapes given a centre</li> <li>- Finding missing sides in similar shapes</li> </ul> <p><b>Triangles, polygons and quadrilaterals</b></p> <ul style="list-style-type: none"> <li>- Exploring symmetrical properties of triangles and special quadrilaterals</li> <li>- Investigating properties of diagonals of quadrilaterals and the angles formed when they cross</li> <li>- Finding the formula for angles in a polygon</li> <li>- Finding missing angles in regular and irregular shapes</li> </ul>	<p><b>Linear and quadratic equations and inequalities</b></p> <ul style="list-style-type: none"> <li>- Forming and solving linear equations and inequalities, solving problems involving substitution and rearranging formulae</li> </ul> <p><b>Simultaneous equations</b></p> <ul style="list-style-type: none"> <li>- Forming and solving simultaneous equations graphically and algebraically</li> </ul> <p><b>Quadratic and other graphs</b></p> <ul style="list-style-type: none"> <li>- Drawing and solving problems involving a variety of different graphs including quadratic, reciprocal and exponential graphs</li> </ul>	<p><b>Pythagoras and trigonometry</b></p> <ul style="list-style-type: none"> <li>- Exploring Pythagoras' theorem and trigonometric ratios</li> <li>- Solving problems using these</li> </ul> <p><b>Transformations</b></p> <ul style="list-style-type: none"> <li>- Carry out a variety of transformations including translation, reflection, rotation and enlargement</li> </ul> <p><b>Simple proof</b></p> <ul style="list-style-type: none"> <li>- Exploring proof</li> <li>- Learning to follow and understand a line of formal reasoning</li> </ul>	<p><b>End of year assessment</b></p> <p>End of year assessment on all topics covered</p> <p><b>Probability and data</b></p> <ul style="list-style-type: none"> <li>- Exploring probability, using the probability scale, the language of probability and understanding experimental probability, relative frequency and Venn diagrams</li> </ul> <p><b>Statistical representations</b></p> <ul style="list-style-type: none"> <li>- Finding the mean from grouped data</li> <li>- Comparing distributions using a variety of statistical representations</li> </ul>
<b>Science</b>	<p><b>Biology: Plant Photosynthesis</b></p> <ul style="list-style-type: none"> <li>- Exploring plants and the importance of photosynthesis for growth</li> <li>- Exploring the important of photosynthesis for the atmosphere of the Earth</li> <li>- Exploring inheritance and variation, with a focus on puberty, menstruation, fertilisation and gestation</li> </ul>	<p><b>Physics: Sound Waves</b></p> <ul style="list-style-type: none"> <li>- Exploring the properties of sound waves and the effects of forces</li> <li>- Developing and applying various maths skills including different equation calculations</li> <li>- Developing skills of working scientifically</li> </ul>	<p><b>Chemistry: Reactions of metals</b></p> <ul style="list-style-type: none"> <li>- Exploring the reactivity series of metals and different chemicals</li> <li>- Developing skills of forming word and symbol equations</li> <li>- Developing a chemical study of energetics and rates of reactions</li> <li>- Developing skills of working scientifically, including practical skills</li> </ul>	<p><b>Biology: The Human Body</b></p> <ul style="list-style-type: none"> <li>- Studying biological processes including the structure and functions of the human skeleton, blood and muscles</li> <li>- Expanding knowledge of animal breathing systems and respiration</li> </ul>	<p><b>Physics: Pressure and motion</b></p> <ul style="list-style-type: none"> <li>- Exploring the factors affecting pressure in fluids, the motion of particles in different states and the differences in density between the different states</li> <li>- Developing mathematical skills, with working scientifically aspects</li> </ul>	<p><b>GCSE introduction</b></p> <ul style="list-style-type: none"> <li>- Exploring first steps to GCSE Science</li> <li>- Preparing for entry to GCSE in Biology, Chemistry and Physics</li> <li>- Fine-tuning practical skills and essential maths skills required</li> </ul>
<b>Humanities: Geography, History &amp; Religious Studies</b>	<p><b>Geography: Development, Africa and Conflict</b></p> <ul style="list-style-type: none"> <li>- Studying development in the world today, considering cause and effect and analysing solutions</li> <li>- Undertaking a continent study of Africa, exploring a range of relevant geographical issues and themes</li> <li>- at the impact geography has on conflict and the impact that conflict can have on geography</li> </ul>	<p><b>History: World War Two</b></p> <ul style="list-style-type: none"> <li>- Investigating causes of the Second World War, including the rise of the Nazis in Germany</li> <li>- Exploring key themes and concepts through the source analysis</li> <li>- Understanding the main events in World War Two</li> <li>- Developing links and drawing conclusions</li> </ul>	<p><b>Religious Studies: Islam</b></p> <ul style="list-style-type: none"> <li>- Exploring the significance of historical Islam as a key religion of the East and West</li> <li>- Applying broad understanding of religious concepts like God, worship, and celebration to modern day society</li> <li>- Developing the central theme of synopticity</li> <li>- Comparing the religions of the Abrahamic trio, taking an understanding of the key beliefs and</li> </ul>	<p><b>Geography: Europe</b></p> <ul style="list-style-type: none"> <li>- Exploring Europe through topical Geography, including the future of the EU, the energy debate in Europe and the UK's ageing population</li> <li>- Exploring the key theme of sustainability: ecotourism and renewable energy</li> <li>- Exploration of a range of issues facing the European continent and the UK</li> </ul>	<p><b>History: Russia and Revolutions</b></p> <ul style="list-style-type: none"> <li>- Exploring Russia at the start of the 20th Century</li> <li>- Focusing on the causes and impact of the 1917 revolutions</li> <li>- Analysing different perspectives and themes running through this period</li> <li>- Developing a clear understanding of how Russia was shaped by revolution</li> </ul>	<p><b>Religious Studies: Ultimate Questions</b></p> <ul style="list-style-type: none"> <li>- Adopting a challenging and engaging approach to philosophical enquiry</li> <li>- Reflecting on key themes of reality, purpose and truth</li> <li>- Investigating theistic, secular, and postmodern worldviews</li> <li>- Developing own responses to the ultimate questions central to everyday life becoming confident philosophers</li> </ul>

			practices of the Muslim faith and comparing these with those of the other world religions	- Analysing and evaluating viewpoints on different debates		- Developing a true appreciation of why people hold many different beliefs
<b>Computing</b>	<b>Spreadsheets (part 1)</b> - Learning basic skills and knowledge about spreadsheets - Setting up a spreadsheet as model of a real-life situation - Entering data into spreadsheets in the form of text, variables and formulas	<b>Spreadsheets (part 2)</b> - Using models to find solutions, make predictions, and test out various possible solutions to a problem - Using models to ask 'what if questions?' by changing the variables and formulae - Creating a new model using spreadsheet software	<b>Database (Part 1) structure of database</b> - Exploring different types of database and how information is stored - Changing the look of a database to make it easier to use - Using a flat database to learn how to carry out searches for information in a database such as sorting, filtering, AND/OR queries	<b>Database (part 2) creating a relational database</b> - Using searches to produce and edit reports - Creating a relational database using three tables for a library - Acquiring skills to carry out advance	<b>Web pages: (part 1)</b> - Learning about HTML - Evaluating the content of websites for an audience, purpose and ease of use - Creating and comparing web pages - Learning the technical side of electronic communications - Planning the structure of a website	<b>Planning the structure of a website:</b> - Planning and creating the layout of web pages - Adding, editing, creating and positioning images on a web page to be viewed in different web browsers
<b>Modern Foreign Languages: French or Spanish</b>	<b>Work</b> - Reviewing descriptions - Learning different jobs and providing opinions about jobs - Learning relevant vocabulary relating to CVs and job adverts	<b>Chores and Daily routine</b> - Revising household chores and producing detailed accounts of daily routines - Preparing for speaking exam - Learning about traditional festivities in France and Spain	<b>Shopping</b> - Learning a variety of clothing vocabulary and structures necessary in order to help in a real life context - Using structures to enable more detailed opinions about clothing	<b>Healthy Living</b> - Learning parts of the body and structures necessary to describe symptoms and ailments - Learning structures to give health advice and to understand real life situations, such as visiting the doctor or going to the pharmacy	<b>Holidays</b> - Describing past holidays with reference to destination and weather vocabulary - Giving opinions and details of holiday plans - Making telephone calls to book holiday accommodation	<b>Projects</b> - Revisiting the topics covered so far - Studying a French or Spanish song or film
<b>Physical Education (PE)</b>	<b>Athletics:</b> Health and Safety, Sprinting, Pacing, Long Jump, High Jump, Shot Put, Discus, Relay  <b>Personal Exercise Plan:</b> Design, implement and track own personal fitness program	<b>Football:</b> Ball Control, Passing and Receiving, Team Possession, Attacking, Defending and Team Shape <b>Gymnastics:</b> Travelling, Balances, Paired/Group Balances, Vaulting, Sequences <b>Netball:</b> Rules, Passing, Receiving, Footwork, Team Possession, Shooting, Defending, Marking, Positions <b>Basketball:</b> Rules, Dribbling, Passing, Lay Ups, Ball Familiarisation, Communication, Match Play <b>Rugby:</b> Rules, Passing, Alignment, Contact, Tackling, Unopposed Rucking/ Scrumming <b>Trampolining:</b> Kipping, Bouncing and Stop, Core Stability, Basic Shapes, Sequencing. <b>Table Tennis:</b> Serving, Backhand, Forehand, Rules, Spin, Volley, Smash, Drop Shot, Doubles, Singles			<b>Tennis:</b> Serving, Backhand, Forehand, Rules, Spin, Volley, Smash, Drop Shot, Doubles, Singles <b>Cricket:</b> Throwing and Catching, Fielding, Bowling, Batting – Forward Drive, Rules of Cricket and Sportsmanship, Match Play <b>Rounders:</b> Fielding, Bowling, Throwing and Catching, Rules, Match Play <b>Softball:</b> Fielding, Bowling, Throwing and Catching, Rules, Match Play	
<b>Art, Design, Technology &amp; Computing</b>	<b>Art: Kathe Kollvitz – Lino Printing</b> - Exploring lino printing techniques in a project - Investigating an artist whose work reflects her experiences of wartime - Relating work to cultural and historical context - Experimenting with making very personal work – playing with materials, media and processes	<b>Art: Cells</b> - Exploring strong cross-curricular science links - Taking artistic starting points from scientific cellular activity - Exploring the make-up of cells, using microscopes to delve into the micro - Working through a visual project in two and three dimensions - Exploring a variety of media	<b>Art: Force</b> - Exploring ideas around the concept of force: strength, speed, power and control - Generating ideas and contextualising work through the work of other artists - Working in a variety of media - Exploring intentions in a visual way	<b>DT: Food Nutrition and Preparation</b> - Exploring foods for the future - Becoming aware of wider choices and considerations consumers have today - Investigating key topics such as food provenance, food preservation, sustainability, ethical and environmental factors, dietary and nutritional needs and food science - Developing practical skills: binding, shaping, coating, fish cookery and pastry making skills	<b>DT: Textiles:</b> - Building a range of technical skills to apply to designing and making an animal-inspired creature - Visually responding to images to develop ideas - Exploring the use of printing and textural techniques - Exploring machine and hand stitching - Considering fabrics, decorative techniques and patterns to inspire design	<b>DT: Product Design</b> - Interpreting a design brief - Creating a personally designed puzzle - Exploring designer Influences including Memphis, Pop Art, De Stijl, Art Nouveau - Using Computer Aided Design (CAD) and a Laser Cutter to learn about how products would be made in industry
<b>Performing Arts</b>	<b>Dance: Around the World</b> - Exploring a variety of cultural dances from around the world - Broadening understanding of social and historical context of cultures - Development of creativity and confidence through positive engagement - Combining choreographic ideas to develop a 'fusion' dance - Focusing on selecting, developing, structuring and refining ideas	<b>Music: Clocks</b> - Performing 'Clocks' by Coldplay in an ensemble - Focusing on an instrument of choice - Creating the piece using Logic software - Aurally identifying and playing the melody <b>Forget You by Cee Lo Green</b> - Performing 'Forget You' in an ensemble - Creating interpretations of the piece using music software	<b>Drama: Mask Skills</b> - Developing skills in using masks in performance, linking to classical Greek theatre - Developing an understanding of the role of the director in the theatre making process, as they make decisions over the methods of storytelling and visual impact. - Analysing and critically evaluating own and peer work <b>Devising with masks</b> - Adapting the short story 'A Very Old Man with Enormous Wings' (by Gabriel García Márquez) into a masked performance - Developing skills in structuring drama and working collaboratively as a group - Analysing and critically evaluating own and peer work	<b>Dance: Dance for Camera &amp; Site Specific</b> - Developing a deeper understanding of choreography and performance - Creating a dance film or site specific performance - Developing technique, composition and critical appreciation - Developing ability to make choices whilst researching, improvising and generating ideas - Focusing on staging, costume and accompaniment	<b>House Music</b> - Creating a piece of House Music - Developing students' knowledge, understanding and skills in music theory, music technology and composition. - Crafting a starting point for those students who choose to study music in Year 10 which can be extended and developed to form students' first piece of GCSE Music composition coursework	<b>Drama: The Curious Incident with the Dog in the Night-Time by Simon Stevens/Mark Haddon</b> - Following Christopher on a journey of discovery; investigating a crime and uncovering hidden secrets - Exploring issues around family, secrecy and growing up - Developing understanding of relationships and interpretation - Analysing and critically evaluating own and peer work <b>Devising from a text</b> - Devising original drama based on Christopher's experiences - Developing skills using stimulus in drama and the use of performance style to communicate a message to an audience - Analysing and critically evaluating own and peer work