

Junior Enrichment Activity	Staff member	Room	Open to	Date/Time	Description of the session for the booklet
Origami (through Maths)	Ms Tang	1.7	Year 9	Tuesday 7 <sup>th</sup> November 3.15-4.15pm	Origami, the ancient Japanese art of paper folding, is a captivating form of creative expression that also has strong ties to mathematics. It involves transforming a flat sheet of paper into a three-dimensional sculpture through a series of precise folds and creases. Although it may seem like a purely artistic pursuit, origami is underpinned by several mathematical concepts: <b>Geometry, Symmetry, Proportions and Ratios</b> , to name a few. Come and get folding.
General Relativity	Mr Leitch	1.11	Years 8 & 9	Wednesday 15 <sup>th</sup> November 3.15pm	This is a 1-off event where you will learn some of the crazy concepts that come out of General Relativity. This event will involve a PowerPoint presentation, some videos, and some discussion about how our weird universe ACTUALLY works.
Dissecting a Kidney	Ms Butlin	1.15	Years 8 & 9	Thursday 23 <sup>rd</sup> November 3.30pm	Learn about the fascinating role of the kidney in health and disease. Then have a go at dissecting a pig's kidney to learn more about the anatomy and physiology.
Mark Latitude & Longitude	Mr Miller	1.1	Year 7	Tuesday 5 <sup>th</sup> December 3.15pm	Using magazines and newspaper articles, you will find the latitude and longitude of the location in which the focus of the article takes place. On a world map, we will mark the locations. See how long it takes until you have marks in most countries!
Roehampton University	Ms Lonsdale	-	Year 8	Tuesday 5 <sup>th</sup> December (timing TBC)	A visit to Roehampton University to find out what university life is like, what courses are available.
Quantum Physics	Mr Mannix	0.9	Years 8 & 9	Tuesday 12 <sup>th</sup> December 3.15pm	Every wanted to know what connects smoke alarms, fireworks, and a cat in a box? Come and find out with some fun demonstrations about the weirdness of Quantum Physics (NO ANIMALS WILL BE HARMED, HONESTLY!)
Finding and Appreciating Nature in Urban Areas	Ms Lonsdale	1.12 (then outside)	Year 7	Tuesday 12 <sup>th</sup> December 3.15pm	A one-off session learning about the challenge's nature faces due to human activity. We will head outside and search for examples of plants and animals that have overcome urbanisation and learn about the adaptations they have that have enabled them to survive and even thrive.
Mindful Art	Ms Bernard	0.15	Years 8 & 9	Wednesday 22 <sup>nd</sup> December 3.15pm	A practical workshop on how to harness our creativity to alleviate stress, relax the mind and work through challenging emotions.
Finding and Appreciating Nature in Urban Areas	Ms Lonsdale	1.12 (then outside)	Years 8 & 9	Tuesday 16 <sup>th</sup> January 3.15pm	A one-off session in which we investigate the challenges nature faces in urban areas, but also into the amazing ways some species have overcome the challenges of human activity.

					We will head outside to find examples of nature using scientific techniques to do so.
The £10 Business Challenge	Ms Morris	1.29	Year 7	Wednesday 17 <sup>th</sup> January 3.15pm	Have you ever watched Dragons' Den? In this session, you will form a team and come up with a business idea. You will pitch your idea to the dragons (Ms Morris and some 6 <sup>th</sup> formers) to try and get an investment in your idea. Learn about how businesses work, how to create a unique idea and how to secure investment.
History of Life on Earth	Mr Bowman	0.3	Years 8 & 9	Wednesday 24 <sup>th</sup> January 3.15pm	An hour-long lecture on how life evolved, how much of a seeming fluke it was and how and what we can extract that to see if life exists elsewhere in the universe.
History of Life on Earth	Mr Bowman	0.3	Year 7	Wednesday 31 <sup>st</sup> January 3.15pm	An hour lecture on how life evolved, how much of a seeming fluke it was and how and what we can extract that to if life exists elsewhere in the universe.
Mastermind	Mr Robinson	Chapel	Year 9	Monday 5 <sup>th</sup> February 3.15pm	Mastermind competition with Year 9. Pupils will answer questions on their chosen topic and general knowledge.
Oxford University	Ms Gibbons	-	Year 9	Tuesday 6 <sup>th</sup> February	A visit to the historic and renowned Oxford University. This trip aims to raise the bar in aspirations, and show what university life is like at a top university.
Healthy Mind in a Healthy Body	Mr Gilmour	1.10	Years 8 & 9	Tuesday 17 <sup>th</sup> February	An exploration into how closely our physical health is connected with our mental health and how we can use physical activity (not necessarily sport) to supercharge our mental health.
Fake News	Mr Taylor	1.30	Year 9	Thursday 22 <sup>nd</sup> February 3.30pm	<ol style="list-style-type: none"> <li>1. What is truth? Discussion</li> <li>2. Who can we trust and why? Games trying to detect truth and not truth from articles.</li> <li>3. Conspiracy Theories...how to recognise.</li> <li>4. Finding true information</li> <li>5. How to recognise quality data</li> <li>6. How to present a bibliography</li> </ol>
Thinking Skills competition	Mr Robinson	Chapel	Year 7	Monday 4 <sup>th</sup> March 3.15pm	A range of quizzes and challenges to stretch the mind, including lateral thinking questions, general knowledge and dingbats. Can your team win?
Mark Latitude & Longitude	Mr Miller	1.1	Years 8 & 9	5 <sup>th</sup> March 3.15-4.05pm	Using magazines and newspaper articles, you will find the latitude and longitude of the location in which the focus of the article takes place. On a world map, we will mark the locations. See how long it takes until you have marks in most countries!
Polish Club	Ms Pempera	Library	Year 7	Thursday 18 <sup>th</sup> April Thursday 25 <sup>th</sup> April Thursday 2 <sup>nd</sup> May	<p>Introduction to Polish culture and language – most important facts about the country, its history and traditions and how to have a small talk in Polish.</p> <ol style="list-style-type: none"> <li>1. Basic information about Poland.</li> </ol>



				3.30-4.15pm	<ol style="list-style-type: none"> <li>2. Language - Introduction to the Polish language.</li> <li>3. History – Interesting facts and anecdotes from Polish history.</li> </ol>
Art Shaped	Ms Tang/ Ms Allan	0.11	Year 8	Tuesday 7 <sup>th</sup> May Tuesday 14 <sup>th</sup> May 3.15pm	Two consecutive sessions creating sustainable 3D art using recyclable materials like cardboard and paper. These sessions offer an opportunity to create art that is accessible, adaptable and affordable.
Australian Rules Football	Mr Currie	Sports Hall or Playground	Years 7-9	Wednesday 22 <sup>nd</sup> May 3.15-4.15pm	You call that a sport? This is a sport! Come try your hand (and foot) at the world's greatest game, Australian Rules Football. From drop punts, handballs and speccys, you'll be ready to take the field.
Polish Club	Ms Pempera	Library	Years 8 & 9	Thursday 6 <sup>th</sup> June Thursday 13 <sup>th</sup> June Thursday 20 <sup>th</sup> June 3.30-4.15pm	<p>Introduction to Polish culture and language – most important facts about the country, its history and traditions and how to have a small talk in Polish.</p> <ol style="list-style-type: none"> <li>1. Basic information about Poland.</li> <li>2. Language - Introduction to the Polish language.</li> <li>3. History – Interesting facts and anecdotes from Polish history.</li> </ol>
University Explorer Session	Mrs Young	1.16a	Year 7	Tuesday 18 <sup>th</sup> June 3.15pm	This explorer workshop will give you the opportunity to start thinking about your future and career options by linking your current interests and skills with the potential routes available. You will also be introduced to some resources that you can continue to use to support your learning and interests.

Intermediate Enrichment Activity	Staff member	Room	Open to	Date/Time	Description of the session for the booklet
Maths Team Challenge	Ms Williams	1.4	Years 10 & 11	Autumn 2 and Spring 1 TBC	These sessions will be team competition sessions. Each team will be around 4 pupils and be a mixture of age groups. Some pupils may be chosen to represent the school in external competitions.
Etymology	Ms Navarro	0.1	Years 10 & 11	Tuesday 31 <sup>st</sup> October 3.15pm	An engaging session on etymology, the study of word origins and their historical development! This session is specifically designed for students who are curious about the fascinating stories behind the words we use every day.
Debate on Ethical Issues	Miss Rose	2.3	Years 10 & 11	Monday 6 <sup>th</sup> November Monday 13 <sup>th</sup> November Monday 20 <sup>th</sup> November 3.15pm	Three 1-hour long sessions introducing an ethical issue and different viewpoints, followed by a structured debate. Topics may include abortion, euthanasia, war and wealth etc.
Origami (through Maths)	Ms Tang	1.7	Years 10 & 11	Tuesday 7 <sup>th</sup> November 3.15-4.15pm	Origami, the ancient Japanese art of paper folding, is a captivating form of creative expression that also has strong ties to mathematics. It involves transforming a flat sheet of paper into a three-dimensional sculpture through a series of precise folds and creases. Although it may seem like a purely artistic pursuit, origami is underpinned by several mathematical concepts: <b>Geometry, Symmetry, Proportions and Ratios</b> , to name a few. Come and get folding.
Quantum Physics	Mr Mannix	0.9	Years 10 & 11	Wednesday 9 <sup>th</sup> November 3.15pm	A quick overview of the ideas that rocked the scientific world 100 years ago and revolutionised our world today, including the Photoelectric Effect, Wave Interference and Electron Diffraction
Healthy Mind in a Healthy Body	Mr Gilmour	1.10	Years 10 & 11	Tuesday 28 <sup>th</sup> November 3.15pm	An exploration into how closely our physical health is connected with our mental health and how we can use physical activity (not necessarily sport) to supercharge our mental health.
Fake News!	Mr Taylor	1.30	Years 10 & 11	Thursday 30 <sup>th</sup> November 3.30pm	This one-off session is designed to show students how easy it is to make mistakes using 'dodgy data' and then help students 1. Find appropriate sources. 2. Correctly reference sources. 3. Spot poor sources. 4. Identify trustworthy sources/ websites. 5. Know what questions to ask of sources to check if they are trustworthy. 6. How to check and seek corroboration. Useful for all subjects.

STEM (Industrial Strategies Project)	Ms Lashley	1.14	Years 10 & 11	Tuesdays Spring 1 8am	STEM club is dedicated to improving the lives of young people through the power of Science, Technology, Engineering and Maths and believe great STEM education builds knowledge and skills that are vital for everyone. We will work on projects that could change futures.
Beating Exam Stress and General Anxiety	Mr Cox	2.8	Years 10 & 11	Wednesday 10 <sup>th</sup> January 3.15pm	An explanation of what stress is and how to manage it
Cambridge University visit	Mr A Bishop	-	Year 11	Tuesday 23 <sup>rd</sup> January (times TBC)	A visit to the historic and renowned university.
Modernism in Literature	Mrs Bull	Bethany Centre	Years 10 & 11	Tuesday 9 <sup>th</sup> January Tuesday 16 <sup>th</sup> January Tuesday 30 <sup>th</sup> January 3.15pm	Three sessions introducing the Modernist movement in Literature (and it links to Art) and exploring key writers of the time.
History of Life on Earth	Mr Bowman	0.3	Years 10 & 11	Tuesday 6 <sup>th</sup> February 3.15pm	And hour-long lecture on how life evolved, how much of a seeming fluke it was and how and what we can extract that to if life exists elsewhere in the universe.
How to Widen your Reading	Ms O'Grady	2.7	Years 10 & 11	Tuesday 27 <sup>th</sup> February 3.15-3.45pm	You will be given the opportunity to expand your reading through a variety of reading challenges and rewards. Use recommended books lists to expose yourself to a wide variety of genres and writing styles that will help you in your own writing and reading. Learn how to research books that will help support your understanding of the texts you study in English helping you to uplevel your responses.
The Importance of Study/Life Balance	Miss Allan	0.11	Years 10 & 11	Wednesday 13 <sup>th</sup> March 3.15pm	It's important that we find ways to revise which work for us, that we don't overdo it when we're revising for mocks and exams, and that we keep a healthy balance between work and play. We'll hear from some of last year's GCSE pupils on revision hacks as well as exploring how to stay resilient and look after your well-being during exam season.
Explore a Line of Latitude	Mr Miller	1.1	Years 10 & 11	Tuesday 19 <sup>th</sup> March 3.15pm	We will pick a line of latitude and use a globe to trace that line in a full circle. We will then make a list of the countries and other important features, such as mountain ranges or deserts, that the line of latitude passes through. After this we will think about the similarities and differences between these countries and features. We then explore how climate change could affect these places.
Demystifying university 'jargon'	Mrs Young	1.16a	Year 10	Tuesday 23 <sup>rd</sup> April 3.15pm	There is so much information available about university and some of it can be confusing. This session will help to

					understand what a Russell Group University is, what Oxbridge is and why this even matters!
The Story of Tragedy	Ms Woodhouse	2.6	Year 10	Tuesday 30 <sup>th</sup> April 3.15pm	During this hour-long session, we will take a whirlwind tour through the history of tragedy – from its origins in Ancient Greece, where Aristotle laid the foundation of tragic storytelling, via Shakespeare and into the modern world of film and literature.
Trip to Royal Holloway University	Ms Thompson	-	Year 10	Thursday 2 <sup>nd</sup> May (times TBC)	A visit to Royal Holloway University with an introduction to university, a tour of the campus, lunch and problem-solving sessions.
Interviews & Auditions	Ms Moulard & Mr Bell	Drama room	Year 10	Wednesday 8 <sup>th</sup> May 3.15pm	This one-off session will show you the art of successful first impressions to public speaking, and even auditions. Exploring how your use of voice and physicality will enhance how you show your best self.
Australian Rules Football	Mr Currie	Sports Hall or Playground	Year 10	Wednesday 15 <sup>th</sup> May 3.15pm	You call that a sport? This is a sport! Come try your hand (and foot) at the world's greatest game, Australian Rules Football. From drop punts, handballs and speccys, you'll be ready to take the field.
Creative Careers	Ms England	0.16	Year 10	Thursday 20 <sup>th</sup> June 3.15pm	Fashion, crafts, visual arts, music, publishing, TV, radio and film as well as many more are all part of what's known as the UK's creative economy. We will hear from people in the creative fields about how and why to get into the industry and the huge variety of opportunities available.
Italian Club	Ms Munoz	0.2	Year 10	Thursday 4 <sup>th</sup> & 11 <sup>th</sup> July 3.15pm	Italian beginners. We will be covering some vocabulary from GCSE topics as well as covering some grammar structures

Senior Enrichment Activity	Staff member	Room	Open to	Date/Time	Description of the session for the booklet
Beating Exam Stress and General Anxiety	Mr Cox	2.8	Years 12 & 13	Thursday 9 <sup>th</sup> November 3.15-4pm	An explanation of what stress is and how to manage it
Why volunteer? Help others and Help Yourself	Mr Gilmour	1.10	Years 12 & 13	Thursday 16 <sup>th</sup> November 3.15pm	The worst piece of advice I was ever given was 'never volunteer for anything'...in this session I will try to demonstrate the power of volunteering in your life and show how volunteering can help you and help others.
Caravaggio	Mrs Lee	1.31	Year 13	Wednesday 22 <sup>nd</sup> November 3.30pm	Born in poverty, street brawler, genius, realist, murderer: In this one-off session we will explore who Caravaggio was, how his art inspired and changed the way we look at sacred art and why to this day, many of his paintings decorate the walls of chapels and churches in Rome and Naples. After this session, please see his paintings in London's National Gallery for free!
Building a 'Table of Support'	Mr Shoderu	TBC	Years 12 & 13	Tuesday 5 <sup>th</sup> December 3.15pm	This session will be aimed at helping students to build a support team (beyond their immediate family) that will help them as they transition into adulthood.
<i>In vitro</i> cultivation of plants	Ms Rodriguez	0.8	Years 12 & 13	Wednesdays: 10 <sup>th</sup> January 2024 17 <sup>th</sup> January 2024 24 <sup>th</sup> January 2024 31 <sup>st</sup> January 2024 7 <sup>th</sup> February 2024 3.15pm	<i>In vitro</i> technology for plant conservation generally promotes the protection, reintroduction, and restoration of species in cases where seed banks or traditional propagation are not sufficient or adequate. Introducing clones from another population into isolated populations can contribute to genetic rescue in conservation by increasing genetic variability. Here we will learn how to propagate clones <i>in vitro</i> using different ornamental plants.
The Importance of Study/Life Balance	Miss Allan	0.11	Years 12 & 13	Wednesday 21 <sup>st</sup> February 3.15pm	It's important that we find ways to revise which work for us, and that we keep a healthy balance between work and play. We'll hear from some of last year's A Level students on revision hacks as well as exploring how to stay resilient and look after your well-being during exam season.
Careers in the Arts	Ms Bernard (& creative external)	0.15	Year 12	Spring 2 TBC	The creative industries sector contributed £109bn to the UK economy in 2021. Looking beyond typical roles you might associate with a career in the arts, we will hear

	guest speakers)				from people in the creative fields about how and why to get into the industry.
Get to know your Emotions (Psychology of Emotions)	Mr Irizar	1.26	Years 12 & 13	Wednesday 20 <sup>th</sup> March Wednesday 27 <sup>th</sup> March 3.15pm	
Healthy Mind in a Healthy Body	Mr Gilmour	1.10	Years 12 & 13	Tuesday 16 <sup>th</sup> April 3.15pm	An exploration into how closely our physical health is connected with our mental health and how we can use physical activity (not necessarily sport) to supercharge our mental health.
The 3 Greats: Romantic Literature	Mrs Lee	1.31	Year 12	Wednesday 17 <sup>th</sup> April - Byron Wednesday 24 <sup>th</sup> April - Shelley Wednesday 1 <sup>st</sup> May - Keats 3.15pm	We will explore the three great late romantic poets: Byron, Shelley and Keats. Young, feisty, dangerously influential and thrilling to the public, these poets were the equivalent of today's rock'n'roll superstars. In these sessions we will dive into their lives and messages to develop and deepen your wider understanding of poetry and context.
Cooking through literacy	Ms Wood	Food tech	Years 12 & 13	Monday 10 <sup>th</sup> June 3.30pm	Good literature appeals to all the senses, so much so that a good written description of food can make you hungry! When food is mentioned in books it either contributes to the overall flavour of the book or makes one scene particularly memorable. In this session we will create a mouth-watering recipe from a book that students already know and love.  A list will be sent around of all ingredients that students need to bring the week before the session. Students will leave with a recipe card, cooked food and some literacy tips.