

Tolworth Girls' School Aspire and Aim High

Art, Textiles & Photography



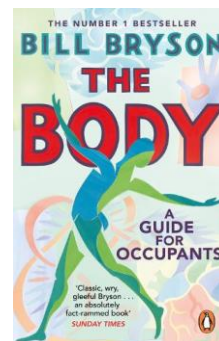
KS3	KS4	KS5
<p>Follow and listen to Art Historian Katy Hessel's podcasts with famous women artists and reviews of current exhibitions. https://www.thegreatwomenartists.com/katy-hessel-podcast</p> <p>Look out for inspiring exhibition at museums and galleries in London or the local community. Create an exhibition review and post it to our ART DEPT Year Team Channel.</p> <p>Go to Kingston museum. IT IS FREE and local. This is what is currently exhibiting: https://www.kingstonheritage.org.uk/events/event/81/-in-motion-your-stories-</p> <p>Look at our Teams channel for events, opportunities and exhibitions, which is regularly updated</p>	<p>BBC Bitesize – Art & Design useful resources https://www.bbc.co.uk/bitesize/subjects/z6hs34j</p> <p>BBC Bitesize – Fashion & Textiles useful resources https://www.bbc.co.uk/bitesize/guides/zjc3rwx/revision/1</p> <p>Follow and listen to Art Historian Katy Hessel's podcasts with famous women artists and reviews of current exhibitions. https://www.thegreatwomenartists.com/katy-hessel-podcast</p> <p>Join Tate collective for FREE for discounted tickets for current exhibitions: https://www.tate.org.uk/tate-collective?gclid=EAlaIqobChMlIkShu-D_QIV0dDtCh3eFQy9EAAYASAAEgIRQPD_BwE</p> <p>Look at our Teams channel for events, opportunities and exhibitions, which is regularly updated</p>	<p>Tate Shots- watch the artists videos and interviews to extend your knowledge of contemporary art practise. https://www.youtube.com/playlist?list=PL5uUen04IQNkFECI0L3r-7zGY9RBgIKw8</p> <p>Follow and listen to Art Historian Katy Hessel's podcasts with famous women artists and reviews of current exhibitions. https://www.thegreatwomenartists.com/katy-hessel-podcast</p> <p>Recommended Reading from Pearson Edexcel: https://qualifications.pearson.com/content/dam/pdf/A%20Level/Art%20and%20Design/2015/teaching-and-learning-materials/Book_Reviews_Art_and_Design.pdf</p> <p>Join Tate collective for FREE for discounted tickets for current exhibitions: https://www.tate.org.uk/tate-collective?gclid=EAlaIqobChMlIkShu-D_QIV0dDtCh3eFQy9EAAYASAAEgIRQPD_BwE</p> <p>Look at our Teams channel for events, opportunities and exhibitions, which is regularly updated</p>

KS3

- BBC Bitesize KS3 section
- Read a journal:
<https://www.sciencejournalforkids.org/scientific-field/biology/>
- Visit a museum:
Natural History Museum
Science Museum
Wellcome Collection
Florence Nightingale Museum
Old Operating Theatre Museum
- Watch a documentary:
<https://www.bbc.co.uk/iplayer/categories/science-and-nature/featured>
- Complete a CREST Award:
<https://www.crestawards.org/>
- Watch a Christmas Lecture from the Royal Institution:
<https://www.rigb.org/christmas-lectures/watch-royal-institution-christmas-lectures-archive>

KS4

- BBC Bitesize GCSE AQA section
- Participate in Biology Challenge
<https://ukbiologycompetitions.org/biology-challenge/>
- CGP GCSE AQA Biology Revision and Practice
- Watch this documentary on the human body and how it works
<https://www.netflix.com/title/81139212>
- Practice Exam Questions:
<https://www.physicsandmathstutor.com/biology-revision/gcse-aqa/>
- Read this book
The Body, A Guide for Occupants
[Bill Bryson](#)



KS5

- Read this book
The Immortal Life of Henrietta Lacks
[Rebecca Skloot](#)
- Complete a short online course 'MOOC' [Short courses in Biology](#)
See Mrs Bowman for more details
- Watch a documentary
<https://www.newscientist.com/article/2241718-the-21-best-science-documentaries-you-should-watch-right-now/>
- Take part in the 'Biology Olympiad' It's a real challenge!
See Miss Leeper for more details about how to enter, or try questions here:
<https://ukbiologycompetitions.org/british-biology-olympiad/>





Business



Business Key Stage 4

Business Key stage 5

Business Books

- Read **Grinding it Out** – The Making of McDonald’s



Recommended websites/follow on Twitter/Apps on your mobile

Business Bitesize
BBC News



Excellent news website with everything you need to learn about what is going on in the world today

TV

The following television series are recommended for background business knowledge. *The Apprentice* (Series about entrepreneurs working in teams and being interviewed so they can gain the backing of Sir Alan Sugar) & *Inside The Factory* (A fun insight into foods we eat and how they are made. Shows the different production methods used).



Preparing Year 11 for Year 12 Business Qualifications with ‘Inside Aldi’

<https://time2resources.co.uk/blog/preparing-year-11-students-for-year-12-business-qualifications-with-inside-aldi/>

Business Books

- Read ‘**How I Made it’ 40 Successful Entrepreneurs** (are interviewed about how they spotted a gap in a market, and developed a USP) .
- **The Tipping Point: How Little Things Can Make a Big Difference** Paperback by [Malcolm Gladwell](#)
- (A very readable and fascinating book, which looks into the reason’s products become market leaders)

Recommended websites/follow on Twitter/ Apps on your mobile



www.tutor2u.net (Excellent business website with everything you need learn for Business A Level, presentations, videos, revision quizzes)

www.londonstockexchange.com (Excellent website with everything you need learn about share prices and market capitalization)

Business News

Read The Economist <https://www.economist.com/>

Other Recommended reads - Quality newspapers/magazines such as *The Times*, *Guardian*, *Telegraph*, *Independent*, journals such as *The Economist* (N.B there are reduced rates for students on some of these) Also, you can sign up online and receive free articles.

TV

The Apprentice & *Dragons Den*



Tolworth Girls' School Aspire and Aim High Chemistry



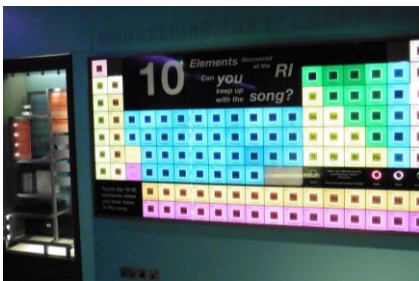
ASPIRE

KS3

- BBC Bitesize KS3 section
- Read a journal
- <https://www.sciencejournalforkids.org/key-word/chemistry/>
- Attend a Chemistry Extra-curricular club
- Visit a museum or watch a documentary

Faraday Museum. Explore over 200 years of history-making science in the Faraday Museum at the Ri. Entry is free. Faraday's magnetic laboratory

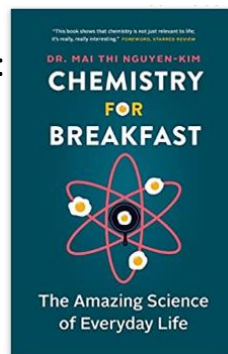
<https://www.rigb.org/visit/faraday-museum>



KS4

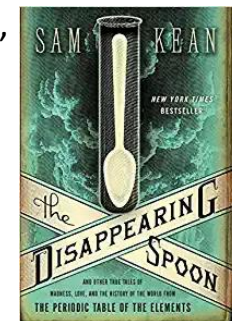
- BBC Bitesize GCSE AQA section
 - Participate in Chemistry Top of the Bench
 - CGP GCSE AQA Chemistry Revision and Practice
 - Watch this documentary on Rutherford's gold scattering experiment
 - <https://www.atulranatutors.co.uk/tag/bbc-atom-documentary/>
 - Applying Maths Skills
- <https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/>

Read this book
Chemistry for Breakfast:
The Amazing Science of
Everyday Life by
[Mai Thi Nguyen-Kim](#)



KS5

- Read this book
The Disappearing Spoon, Sam Kean follows the incredible tales of every element on the periodic table, narrating extraordinary stories of betrayal, adventure, and obsession.



- Complete a short online course 'MOOC'
See Mrs Bowman for more details
[Short courses in Chemistry](#)
- Watch a documentary
<https://www.newscientist.com/article/2241718-the-21-best-science-documentaries-you-should-watch-right-now/>
- Take part in the 'Chemistry Olympiad' It's a real challenge.



Tolworth Girls' School Aspire and Aim High Criminology



KS3	KS4	KS5
<p style="text-align: center;">Not applicable</p>	<p style="text-align: center;">Not applicable</p>	<p>Textbook Link https://criminology.uk.net/ebooks/</p> <p>Specification https://www.wjec.co.uk/qualifications/criminology-level-3/#tab_keydocuments</p> <p>TED Talks https://www.ted.com/talks/kim_gorgens_the_surprising_connection_between_brain_injuries_and_crime</p> <p>Tutor2U online resources https://www.tutor2u.net/criminology</p> <p>Useful links https://criminology.uk.net/student-workbooks/ https://criminology.uk.net/book-one-activities/ https://criminology.uk.net/book-two-activities/</p> <p>Exam Walk Through https://resources.wjec.co.uk/Pages/ResourceSingle.aspx?rId=3416&_ga=2.210019221.1460365480.1675845474-1222471357.1662461106</p> <p>Netflix True Crime Documentaries https://www.netflix.com/tudum/articles/15-killer-true-crime-documentaries-to-stream</p>



Tolworth Girls' School Aspire and Aim High Dance



KS3	KS4	KS5
<ul style="list-style-type: none"> ▪ Sign up to year 7 or 8 dance club ▪ Join a dance class outside of school (there are many in the local area) ▪ Rambert Grades are being offered to year 8 in March 2023. If you are interested in weekly after school contemporary classes and receiving a qualification then suitable for you. ▪ Watch Hamilton on Disney + ▪ Sign up to Today Tix. Lots of discounted theatre tickets. 	<p>All GCSE past papers, access to the set phrases, videos etc. https://www.aqa.org.uk/subjects/dance/gcse/dance-8236</p> <p>Sign up to Today Tix. Lots of discounted theatre tickets.</p> <p>Boy Blue Entertainment https://www.boyblue.co.uk/</p> <p>Stop Gap Dance Company https://www.stopgapdance.com/</p> <p>Wayne McGregor. See what productions he's creating now. https://waynemcgregor.com/</p> <p>Rambert Dance School run Easter and Summer courses for young people (14-20 years) https://www.rambertschool.org.uk/</p> <p>Watch a performance at Sadlers Wells Theatre</p>	<p>Access A Level Dance content on https://www.aqa.org.uk/subjects/dance/a-level/dance-7237</p> <p>Follow Rambert Dance Company https://www.rambert.org.uk/</p> <p>Akram Khan Dance Company https://www.akramkhancompany.net/</p> <p>Sign up to Today Tix. Lots of discounted theatre tickets.</p> <p>See a contemporary dance production at Sadlers Welles Theatre https://www.sadlerswells.com/</p> <p>There are many dance companies on Instagram that will inspire you for your choreographies: Rambert Dance, James Wilton Dance, Martha Graham Dance Company, Martha Graham School</p>

Tolworth Girls' School Aspire and Aim High Design and Technology



KS3	KS4	KS5
<p>Visit the Design Museum</p> <p>Join the extra curricular club to learn new practical skills.</p> <p>Complete a virtual workshop Half-Term TeenTech Live Workshops TeenTech</p> <p>Watch a design programme on TV e.g. The Repair Shop or Grand designs</p>	<p>Visit the Design Museum</p> <p>Complete a virtual workshop Half-Term TeenTech Live Workshops TeenTech</p> <p>Watch a design programme on TV e.g. The Repair Shop or Grand designs or George Clarks Amazing Spaces</p> <p>Watch Abstract: The Art of Design Watch all eight episodes of Netflix's Abstract: The Art of Design series (dezeen.com)</p> <p>Listen to a podcast based on design The DesignBetter.Co Podcast, stories and insights from the world's best design leaders – DesignBetter</p> <p>Use GCSE Bitesize for revision GCSE Design and Technology - BBC Bitesize</p>	<p>Visit the Design Museum</p> <p>Visit the Science museum and look at exhibits relating to engineering</p> <p>Watch a design programme on TV e.g. The Repair Shop or Grand designs or George Clarks Amazing Spaces</p> <p>Watch Abstract: The Art of Design Watch all eight episodes of Netflix's Abstract: The Art of Design series (dezeen.com)</p> <p>Listen to a podcast based on design The DesignBetter.Co Podcast, stories and insights from the world's best design leaders – DesignBetter</p>

Tolworth Girls' School Aspire and Aim High Drama



KS3	KS4	KS5
<ul style="list-style-type: none"> • Mickey-Joe theatre on YouTube • Hamilton on Disney + • His Dark Materials on BBC iPlayer • Sign up to Mousetrap to get discounted theatre tickets • Watch plays on Drama Online (ask your teacher for the log in details) 	<ul style="list-style-type: none"> • BBC Bitesize GCSE AQA section • Mickey-Joe theatre on YouTube • Come From Away on Apple TV • Sign up to Mousetrap to get discounted theatre tickets • Read plays (ask your teacher for recommendations) • Watch plays on Drama Online (ask your teacher for the log in details) • Listen to the National Theatre podcast • Watch Noughts & Crosses on BBC iPlayer • Sign up for TikTok tickets at the RSC. 	<ul style="list-style-type: none"> • Watch “Inside the Actors Studio” on YouTube • The Paper Birds catalogue on YouTube • Read “True and False for the Actor” by David Mamet • Sign up to Mousetrap to get discounted theatre tickets • Read the “Theatre And...” series available from Bloomsbury Publishing • Watch plays on Drama Online (ask your teacher for the log in details) • All major theatres do student discounts for all shows.



Tolworth Girls' School Aspire and Aim High English & Media



KS3	KS4	KS5
<ul style="list-style-type: none"> Read a novel from the same genre of the text that you are studying in class. E.g. A Monster Calls- read another magical realism novel. Write a list of similarities and differences between them. Write the first chapter of your own novel focusing on using figurative language- simile, metaphor and personification Choose a topic /issue from the news and write your own speech based on this. Explain what you think about the topic using techniques such as anecdotes and emotive language to make it engaging 	<ul style="list-style-type: none"> Read a 19th century novel that is different to the one that you are studying for GCSE. It can be written by the same author, e.g. another Dickens or Austen novel. Write a summary of the similarities and differences between this novel and your set text. Take your own photograph of a setting or find one on Google. Write a description of the setting. You should write at least one extended metaphor focusing on an aspect of the setting e.g. the moon. Regularly read opinion newspaper articles on the internet e.g. the 'Opinion' section on The Guardian website. Create a log for each article that you read- note down interesting language techniques used and whether you agree/disagree with the opinion expressed. 	<p style="text-align: center;">English Literature</p> <ul style="list-style-type: none"> Read the article from the British Library: https://www.bl.uk/shakespeare/articles/racism-misogyny-and-motiveless-malignity-in-othello Answer this question- is Othello's race the main contributing factor to his downfall? Listen to this podcast on 'Approaching Shakespeare: Othello' from the University of Oxford https://podcasts.ox.ac.uk/othello Read this article on World War 1 poets, including Sassoon and Owen: https://literatureofthegreatwar.wordpress.com/the-great-war-as-the-ultimate-test-of-faith-brittain-sassoon-and-owen/ <p style="text-align: center;">English Literature and Language</p> <ul style="list-style-type: none"> Read a dystopian novel e.g. 1984. Identify patterns of language across the text and compare to 'The Handmaid's Tale'. Conduct a mini language investigation comparing a theme/representation of a social group across a literary and non-literary text Find and read secondary sources on your set texts to support your knowledge of contextual factors and writer intentions <p style="text-align: center;">Media Studies</p> <ul style="list-style-type: none"> Watch/read as many media texts as possible across of a variety of forms. Keep a log of this and comment on the media language and representations. Create your own media text e.g. a podcast, opening scene of a television programme and focus on representing a social group in a thoughtful way Find and read secondary sources on your set texts to develop your understanding of the four frameworks



Tolworth Girls' School Aspire and Aim High

Food Preparation and Nutrition / Food Science



KS3	KS4	KS5
<p>Watch a food / cookery programme on TV for inspiration about recipes as well as how to present dishes. Experiment with some of the things that you see.</p> <p>Try a new food – our tastes change as we get older so you may find that you like something new that you could use in a recipe.</p> <p>Cook at home. If you can prepare a meal or at least help with the preparation and cooking.</p> <p>Join the extra curricular cooking club.</p> <p>Look out for and join an external cooking club e.g. Sassy Stirrers - Sassy Stirrers Cooking Club - Booking by Bookwhen</p>	<p>Watch a food / cookery programme on TV for inspiration about recipes as well as how to present dishes. Experiment with some of the things that you see.</p> <p>Cook at home. Plan and cook a meal.</p> <p>Make a dish that you have not made before.</p> <p>Listen to a podcast about a food and health related topic Diet & nutrition - BBC News</p> <p>Regularly read a news article about food Food - BBC News</p> <p>BBC Bitesize for revision GCSE Home Economics: Food and Nutrition (CCEA) - BBC Bitesize</p> <p>Seneca learning for revision</p>	<p>Watch a food / cookery programme on TV for inspiration about recipes as well as how to present dishes. Experiment with some of the things that you see.</p> <p>Cook at home. Plan and cook a meal, making dishes that you have not made before.</p> <p>Listen to a podcast about a food and health related topic Diet & nutrition - BBC News</p> <p>Regularly read a news article about food Food - BBC News</p> <p>Watch food science videos a tasting of culinary science - Bing video</p>

Tolworth Girls' School Aspire and Aim High French



KS3	KS4	KS5
<ul style="list-style-type: none">• Duolingo language learning app• Sentence Builder Beginner to Pre-intermediate book• BBC Bitesize KS3 section• Watch cartoons in French e.g. Peppa Pig (available on YouTube)• Sentencebuilder.com website (Y7-8 classes are given log-ins by their teachers)	<ul style="list-style-type: none">• BBC Bitesize GCSE AQA section• Sentence Builder Pre-intermediate to Intermediate book• CGP GCSE AQA French Revision and Practice• Get musical to practice your listening - choose a song and pick a level to play https://lyricstraining.com/fr/genre/pop• Watch Lupin	<ul style="list-style-type: none">• Pick a weekly article from www.lemonde.fr to translate• Listen to the Duolingo podcast on Spotify• A Level section of languagesonline.org grammar• AQA French A Level and AS Grammar & Translation Workbook• Have a read www.rfi.fr – go to the Français facile section• Subscribe to free weekly French news updates from mflnews.alevel@gmail.com (just email them to activate sign-up)



Tolworth Girls' School Aspire and Aim High Geography



KS3	KS4	KS5
<ul style="list-style-type: none"> • BBC Bitesize and BBC Teach videos • Test your knowledge with Seneca https://senecalearning.com/en-GB/ Topics: Y7 - Climate Change, Ecosystems and Tectonics Y8 - Development, Global population and inequality • Explore gap minder: https://www.gapminder.org/ • Documentaries – Sir David Attenborough https://www.bbc.co.uk/iplayer/grou/p03szck8 • Calculate your carbon footprint https://footprint.wwf.org.uk/#/ • GeoGuesser - https://www.geoguessr.com/ 	<ul style="list-style-type: none"> • BBC Bitesize and BBC Teach videos • Pearson Edexcel B GCSE (9-1) Geography revision guides • Test your knowledge with Seneca https://senecalearning.com/en-GB/ Exam board is Edexcel B GCSE (9-1) • Watch documentaries on your case studies: <ul style="list-style-type: none"> • Japan EQ • Haiti EQ • Bangladesh cyclone • USA Hurricane Katrina • Iceland Eyjafjallajokull volcano • Columbia Nevado del Ruiz volcano • Mumbai megacity/ Dharavi slum • Calculate your carbon footprint https://footprint.wwf.org.uk/#/ • GeoGuesser - 	<ul style="list-style-type: none"> • Read some geographical books: <ul style="list-style-type: none"> • Prisoners of Geography • The future of Geography • The culture map • Subscribe to national geographic magazine • Look through National Geographic's YouTube channel. • Visit: <ul style="list-style-type: none"> • The earthquake room at the National History museum. • The museum of Docklands • Wisley or Kew gardens • The Crystal London • The Olympic park • Read current affairs in the news, and relate stories to your topics of Superpower and Health, Human rights, and Intervention.



Tolworth Girls' School Aspire and Aim High Health & Social Care



KS3	KS4	KS5
	<ul style="list-style-type: none"> • Watch - https://www.bbc.co.uk/iplayer/episodes/b09393rd/ambulance • Watch - https://www.channel4.com/programmes/24-hours-in-ae • Watch - https://www.bbc.co.uk/programmes/b013fdbd - junior doctors • Research – careers NHS careers AtoZ https://www.stepintohenhs.nhs.uk/careers • The NHS values Health Careers https://www.healthcareers.nhs.uk/working-health/working-nhs/nhs-constitution • Job roles in social care https://www.skillsforcare.org.uk/Careers-in-care/Job-roles/Job-roles-in-social-care.aspx • Learn some sign language 	<ul style="list-style-type: none"> • Sign up to online courses with Princess Alice Hospice (https://www.pah.org.uk/) • Sign up to the Teams group 'clinical program' for updates on medical opportunities • Current affairs; BBC NEWS, look for policy change in healthcare, ethical conflicts and societies lifestyle choices • Read books by the following authors; any by Torey Hayden, The language of Kindness: A Nurses story by Christie Watson, , Duty of Care by Dominic Pimenta. • Use the Social Science library in room 62 for further reading. • Watch My Sisters Keeper, Stepmom, The Silent Child, The



Tolworth Girls' School Aspire and Aim High History & Politics



KS3	KS4	KS5
<ul style="list-style-type: none"> BBC Bitesize and BBC Teach videos Test your knowledge with Seneca https://senecalearning.com/en-GB/ Explore the Historical Association Student Zone Student username: TOLWORTHSTUDENTS Student password: history123 	<ul style="list-style-type: none"> BBC Bitesize and BBC Teach videos Pearson Edexcel GCSE (9-1) History revision guides Test your knowledge with Seneca https://senecalearning.com/en-GB/ Exam board is Edexcel GCSE (9-1) Explore the Historical Association Student Zone Student username: TOLWORTHSTUDENTS Student password: history123 Explore History Today articles https://www.historytoday.com/ Username: TolworthGS Password: historytolworth 	<p><u>History</u></p> <ul style="list-style-type: none"> Explore History Today articles https://www.historytoday.com/ Username: TolworthGS Password: historytolworth Engage with American course documentaries/popular media, such as films, to gain a wider context Engage with the wider reading on the lists found here: https://drive.google.com/drive/folders/1gy_GtnIS8w_z9qtSvwb6aYzrinHGJeDo?usp=sharing <p><u>Politics</u></p> <ul style="list-style-type: none"> Follow key political figures and commentators on Twitter Follow political news in the UK and the US Pearson Edexcel A-Level Politics Student Guides Watch PMQs (available on BBC iPlayer)



Tolworth Girls' School Aspire and Aim High ICT and Computing



KS3	KS4	KS5
<ul style="list-style-type: none"> • Use resources like 'lightbot' to develop basic programming. • Use resources from 'code.org' to develop basic programming. • Download 'scratch' and other game-making programs to help develop programming and understand logic. • Investigate apps to support learning – for example appshed which is a free subscription. • Practice graphic editing skills in Photopea online. • Practice coding with BBC Micro-bit at home using devices at home. <p>What wider reading can be completed to support the curriculum?</p> <ul style="list-style-type: none"> • Lift-the-Flap Computers and Coding – Rosie Dickins. • Coding for Beginners: Using Python – Louie Stowell. • A Beginner's Guide to Coding – 	<ul style="list-style-type: none"> • Student could extend understanding through reading texts such as Computer Weekly. • Students could download free creative packages such as GIMP and Inkscape to help them develop their bitmap and vector images skills. • Students have school's license of Adobe cloud to download or use industry apps online. They can use Photoshop, Illustrator, In Design for practising graphic editing skills. • Rush, After effects and premier to practice professional video editing skills. • Animate – practice animation • Character animator – to create 3D characters and avatars. • Dreamweaver – to practice web publishing skills. • Download 'python' and other programs to help develop programming and understand logic. • Investigate apps to support learning 	<ul style="list-style-type: none"> • Student could extend understanding through reading texts such as Computer Weekly. • Students have school's license of Adobe cloud to download or use industry apps online. They can use Photoshop, Illustrator, In Design for practicing graphic editing skills. • Rush, After effects and premier to practice professional video editing skills. • Animate – practice animation • Character animator – to create 3D characters and avatars. • Dreamweaver – to practice web publishing skills.

Tolworth Girls' School Aspire and Aim High Maths



KS3	KS4	KS5
<ul style="list-style-type: none">• BBC Bitesize and BBC Teach videos https://www.bbc.co.uk/bitesize/subjects/zqhs34j• UKMT Junior Challenge https://www.ukmt.org.uk/competitions/solo/junior-mathematical-challenge/archive• Pixi Maths https://www.piximaths.co.uk/• MathsWatch VLE https://vle.mathswatch.co.uk/vle/	<ul style="list-style-type: none">• BBC Bitesize and BBC Teach videos https://www.bbc.co.uk/bitesize/subjects/z38pycw• Pearson Edexcel B GCSE (9-1) revision guides• UKMT Intermediate Challenge https://www.ukmt.org.uk/competitions/solo/intermediate-mathematical-challenge/archive• Pixi Maths https://www.piximaths.co.uk/• Maths Genie GCSE Revision https://www.mathsgenie.co.uk/gcse.html• Maths Genie GCSE past papers, solutions and videos https://www.mathsgenie.co.uk/papers.html	<ul style="list-style-type: none">• DrFrost Website https://www.dr frostmaths.com/• UKMT Senior Challenge https://www.ukmt.org.uk/competitions/solo/senior-mathematical-challenge/archive• Physics & Maths Tutor https://www.physicsandmathstutor.com/maths-revision/



Tolworth Girls' School Aspire and Aim High Music



KS3	KS4	KS5
<ul style="list-style-type: none"> • BBC Bitesize and BBC Teach videos • Explore music theory with this website https://www.musictheory.net/lessons • Use Quizlet to test yourself on music key words https://quizlet.com/subjects/arts-and-humanities/music-flashcards-a58c54ca-t01 • Use this website link to broaden your understanding of Western Music – there are a number of different links you can click on which provide useful and interesting information. David Walliams' Marvellous Musical Podcast - Podcast Global Player • Use band lab to create your own music BandLab: Make Music Online • Create a Spotify playlist that defines specific genres of Music for your wider listening 	<ul style="list-style-type: none"> • BBC Bitesize GCSE Edexcel section • Pearson Edexcel B GCSE (9-1) Music revision guides • Use this website link to develop your understanding of Fusion music: Music Fusion • Utilise the information that Classic FM have put together about the history of Music https://www.classicfm.com/classical-100/abrsm-music-education-resource-free-lockdown/ • Create your own film music with help from this famous Film composer Ennio Morricone's tips for writing iconic film music - Classic FM • Watch this excellent documentary by Howard Goodall about the development of music https://www.youtube.com/watch?v=I0Y6NPa_hIDE 	<ul style="list-style-type: none"> • Use this website link to develop your analysis and understanding of Opera Resources English National Opera (eno.org) • Spend time looking at the recording techniques of the Beatles and it inspired the world of pop as we know it https://www.producingthebeatles.com/ • Watch an online concert London Symphony Orchestra - Streamed Concerts & Broadcasts (lso.co.uk) • Read magazine articles about the current music industry Latest News, Analysis, Opinions and Charts from the Music Industry Music Week • Go and visit a show or concert in London such as the Royal Albert Hall, the Festival Hall, the Roundhouse, Jazz café etc

Tolworth Girls' School Aspire and Aim High

PE



KS3	KS4	KS5
<p>Join a sports club in or outside of school and perform in a competitive environment or set yourself some targets to improve</p> <p>Watch a sport you haven't seen much before and identify key components of fitness, e.g. Speed, agility, balance, coordination, endurance etc.</p>	<p>BBC Bitesize GCSE AQA section https://www.bbc.co.uk/bitesize/examspecs/zp49cwx</p> <p>Seneca PE revision https://senecalearning.com/en-GB/blog/gcse-physical-education-revision/</p> <p>The Ever Learner revision https://pages.theeverlearner.com/2022-aqa-gcse-pe-revision</p>	<p>Watch one of the following Ted Talks and make key notes:</p> <p>Sport Psychology - Inside the Mind of Champion Athletes: Martin Hagger at TEDxPerth</p> <p>Secrets of Elite Athletes: Kenn Dickinson at TEDxSnoIsleLibraries</p> <p>The Real Importance of Sports: Sean Adams at TEDxACU</p> <p>Watch a live sports match and describe identify all the analytics which are taking place</p>



Tolworth Girls' School Aspire and Aim High Physics



KS3	KS4	KS5
<p>Do</p> <ul style="list-style-type: none"> Learn about the physical world through these mind-blowing experiments! <p><i>Do try this at home</i> https://www.iop.org/explore-physics/at-home</p> <p>Read:</p> <ul style="list-style-type: none"> <i>A short history of nearly everything</i> by Bill Bryson Learn all about the moon! https://www.iop.org/explore-physics/moon <p>Listen:</p> <p>BBC Sounds – Physics made simple https://www.bbc.co.uk/sounds/brand/p033f8k0</p>	<p>Watch:</p> <p>BBC iPlayer – The universe with professor Brian Cox</p> <ul style="list-style-type: none"> https://www.bbc.co.uk/iplayer/groupp/p09z0tj9 <p>BBC iPlayer – The world of very big and very small objects with Jim Al-Khalili</p> <ul style="list-style-type: none"> https://www.bbc.co.uk/iplayer/episodes/m0017frp/secrets-of-size-atoms-to-supergalaxies TED Talks on Physics https://www.ted.com/topics/physics <p>Read...</p> <p>... about some of the biggest ideas in Physics https://www.iop.org/explore-physics/big-ideas-physics</p> <p>Do:</p> <p>British Physics Olympiads - Intermediate Physics Challenge https://www.bpho.org.uk/past-competitions.html</p>	<ul style="list-style-type: none"> Do <p>Senior Physics Challenge (Year 12) Senior Physics Challenge (Y12) British Physics OlympiadAA (bpho.org.uk)</p> <p>Physics Challenge (year 13) Physics Challenge (Year 13) British Physics OlympiadAA (bpho.org.uk)</p> <p>Read:</p> <p>How to Teach Quantum Physics to Your Dog by Chad Orzel</p> <p>Listen:</p> <p>Infinite Monkey Cage BBC Podcast BBC Radio 4 - The Infinite Monkey Cage</p>



Tolworth Girls' School Aspire and Aim High Psychology



KS5	KS5	KS5
<p>Watch and listen <i>Mental health</i> TED talk about stress Summarise some of the key points highlighted in this talk.</p> <p>The science of stage fright and how to overcome it <i>Time: 15mins</i></p> <p>Watch <i>Memory</i> TED talk which discusses the reliability of memory and the impact of false memory. Reflect on the TED talk and make your own notes.</p> <p>How reliable is your memory? <i>TED Talks – Elizabeth Loftus</i> <i>Time: 40 minutes</i></p> <p>Watch and listen <i>Mental health</i> TED talk about causes for depression and anxiety</p> <p>This is why you could be depressed or anxious <i>Time: 20mins</i></p>	<p>Self -Assessment <i>Download the AQA Psychology Year 1 App</i> <i>Cost 4.99 on the App Store</i> Revision, Test Yourself, Possible Exam Questions and Glossary</p> <p>Self -Assessment <i>Podcasts</i></p> <p>Radio 4 – Mind Changers – Covers 33 different Radio 4 podcasts on the extend knowledge of the Curriculum.</p> <p>https://www.bbc.co.uk/programmes/b008cy1j/episodes/player</p> <p>Websites</p> <p>www.player.fm/featured/psychology www.psychcentral.com - Psych Central. www.psychologytoday.com - Psychology Today. www.aqa.org.uk - AQA Resources.</p>	<p>Reading</p> <ul style="list-style-type: none"> • Understanding Psychology – Nicky Hayes. • Games People Play – Dr. Eric Berne. • I'm Ok, You're Ok – Dr. Thomas Harris. • 50 Psychology Ideas You Really Need to Know – Adrian Furnham. • The Chimp Paradox – Professor Steve Peters. <p>Magazines</p> <ul style="list-style-type: none"> • Psychology Review. • Psychology Today. • The Psychologist. <p>Free Courses</p> <ul style="list-style-type: none"> • https://www.open.edu/openlearn/free-courses <p>A Level Revision Resources</p> <ul style="list-style-type: none"> • https://senecalearning.com/en-GB/blog/free-aqa-psychology-a-level-revision/



Tolworth Girls' School Aspire and Aim High Religious Studies



KS3	KS4	KS5
<p>Let's look at mosques, gurdwaras, churches, synagogues, mandirs in your area:</p> <ul style="list-style-type: none"> Plot them on a local map to show where they are. Choose 2/3 and research them: some history, activities and events If possible, visit them with your family or take part in a virtual on-line tour (if available) Take some photographs of them; do you notice any specific features? Use your photographs to describe them. Write a report about your findings. Present what you find as a starter to your class. <p>Some websites:</p> <ul style="list-style-type: none"> BBC Bitesize KS3 Religions BBC News/ Newsround 	<ul style="list-style-type: none"> BBC Bitesize GCSE BBC News/ NewsRound Watch some podcasts: your teacher will give you a list Ted-Talks Seneca Revision Revise using Edexcel GCSE (9-1) Religious Studies B, Christianity & Islam Revision Guide. 	<ul style="list-style-type: none"> Read the EDEXCEL Subject syllabus so you have a good idea about what the course involves and how your work is assessed. <i>Look for: Philosophy Of Religion, Ethics and Study of Religion: Islam</i> Listen to a podcast on Relativism: https://www.bbc.co.uk/programmes/p003hyc8 Choose a 45 min podcast from <i>Philosophy In our Time, BBC Radio 4</i> Find a news website you trust and will use to keep up to date with: BBC, Sunday with Laura Kuennsberg The News- BBC/ITV/Channel 4/Sky News – It is important to watch a range of channels. <u>BBC News – Ethics</u> <u>Life of Muhammad Documentary</u> (3 parts): https://www.youtube.com/watch?v=oVGieY0W6IY https://www.youtube.com/watch?v=lQazfcaalp8 https://www.youtube.com/watch?v=t5xts-RLSUK



Tolworth Girls' School Aspire and Aim High BTEC Applied Science



KS5	KS5	KS5
<p>Read</p> <p><i>The Science of Everyday Life: Why Teapots Dribble, Toast Burns and Light Bulbs Shine (Hardback) Marty Jopson</i> <i>The title says it all really, lots of interesting stuff about the things around you home!</i> ISBN-10: 1782434186 http://bit.ly/pixlchembook2</p> <p><i>Bad Science (Paperback) Ben Goldacre</i> <i>Here Ben Goldacre takes apart anyone who published bad / misleading or dodgy science – this book will make you think about everything the advertising industry tries to sell you by making it sound ‘sciency’.</i> ISBN-10: 000728487X http://bit.ly/pixlchembook3</p>	<p>Watch</p> <p><i>Rough science, The Open University 34 episodes available</i> Real scientists are ‘stranded’ on an island and are given scientific problems to solve using only what they can find on the island. Great fun if you like to see how science is used in solving problems. http://bit.ly/pixlchemvid1a http://bit.ly/pixlchemvid1b</p> <p>Listen</p> <p><i>Chemistry World Podcasts</i> Listen to chemical stories, interviews, news and opinions. https://www.chemistryworld.com/podcasts</p>	<p>Do</p> <p><i>Screen Experiments</i> Complete the online experiments on the RSC website. You will have a chance to synthesis aspirin and perform a titration: https://virtual.edu.rsc.org/</p> <p><i>Subscribe to BTEC Applied Science Help</i> https://www.youtube.com/watch?v=JEDpS-zLI2M</p> <p>Pick a video to watch from Unit 1, 2, 3 or 10. Watch it, then put your thoughts in to different boxes so that you have ‘boxed up’ the text. Box 1 – 3 things I did not know Box 2 – 3 things I understand better now Box 3 – 3 things I already knew</p>



Tolworth Girls' School Aspire and Aim High Spanish



KS3	KS4	KS5
<ul style="list-style-type: none">• Duolingo language learning app• Sentence Builder Beginner to Pre-intermediate book• BBC Bitesize KS3 section• Watch cartoons in Spanish e.g. Peppa Pig (available on YouTube)• Sentencebuilder.com website (Y7-8 classes are given log-ins by their teachers)	<ul style="list-style-type: none">• BBC Bitesize GCSE AQA section• Sentence Builder Pre=intermediate to Intermediate book• CGP GCSE AQA Spanish Revision and Practice• Get musical to practice your listening - choose a song and pick a level to play https://lyricstraining.com/es/genre/pop• Buena Gente YouTube series	<ul style="list-style-type: none">• Pick a weekly article from elpais.com or elmundo.com to translate• Listen to the Duolingo podcast on Spotify• A Level section of languagesonline.org grammar• AQA Spanish A Level and AS Grammar & Translation Workbook• Read the weekly newsletter Ollie Boletín https://www.tes.com/teaching-resource/bolet-n-weekly-a-level-spanish-news-and-exam-practice-12258240• Subscribe to free weekly Spanish news updates from mflnews.alevel@gmail.com (just email them to activate sign-up)



Tolworth Girls' School Aspire and Aim High

Sociology



KS3	KS4	KS5
<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Watch Louis Theroux on BBC 'BBC iPlayer - Louis Theroux', specifically 'Behind Bars' for the Crime and Deviance module Monitoring demographic trends within UK society 'Overview of the UK population - Office for National Statistics (ons.gov.uk)' for use within Work, Poverty & Welfare Utilising crosswords and fact sheets on Get Revising for a multitude of the AQA Sociology topics 'Get Revising' Understanding the theoretical lens behind Educational perspectives via 'Theories of Education – #SociologyMatters (sociology-matters.org)' A variety of Padlet resources posted by multiple schools for research 'shs_sociology (sociology_shs) profile Padlet' 	<ul style="list-style-type: none"> Watch '13th' on Netflix for ideology surrounding deeply entrenched racism in the USA Using 'Family & Education - BBC News' to keep up to date to changes within the education system A vast resource of wider reading and topic videos regarding individual Sociological topics 'Topics Sociology tutor2u' Utilising Kate Flatley's YouTube Channel 'TheTEACHERSOCIOLOGY – YouTube' for easily accessible explanations as to how to answer 2, 4, 6, 10, 20 and 30 mark questions Subscribing to the Curriculum Press 'A Level Sociology Factsheets Teaching Resources AQA, OCR, WJEC and Edexcel (curriculum-press.co.uk)' for targeted specification readings with extension activities The Sociology Guy's Challenge '#2022 Challenge – The Sociology Guy' providing daily exam questions and exemplars