



Yardleys
School

WORKING TOGETHER FOR A BETTER FUTURE

Supporting Learning at Home

2023/24

Year 10 – Term 3

This practical 'how-to-guide' is designed to advise how you can support developing your child's long-term knowledge at home.

How can I support my child at home?

At Yardleys we aim to provide students with a curriculum that educates the whole child. We endeavour to ensure that throughout their time at the school they become responsible and respectful citizens that are ready for life. Ultimately through our teaching we want students to know more, remember more and do more. The science tells us that to remember things we need to practice, rehearse and retrieve this information regularly, which will be significantly improved if this can happen at home as well as at school.

This guide will tell you a little bit about memory and share some strategies you may use at home. It will also highlight some subject specific things that you can 'Watch, Listen or Discuss' with your child at home to help this memory process. We have also shared a summary of what they will study throughout the year.

How can we remember things forever?

We have two types of memory:

- **Working Memory:** This has a very small capacity, and information is easily forgotten.
- **Long Term Memory:** This has an unlimited capacity.

If knowledge is only stored in our working memory, it gets **forgotten**. In order for us to 'learn' and be able to recall knowledge, it has to be transferred and stored in our **long-term memory**.

Below are techniques which you can use at home to ensure knowledge can be stored in your child's **long-term memory**:

How can I support my child at home?

1) Tell me what you learnt today

Ask your child to explain something which they studied today in school.

Why?

Asking your child to articulate their thinking consolidates what they have learnt, whilst developing their communication skills. Having to think, and recall what was covered, is a key strategy when transferring knowledge into our long-term memory.

Questions to ask your child:

- What was the most interesting thing you learnt today?
- Tell me three things you learnt in **Science** today.
- What questions did you ask in lesson today?

2) Creating Flashcards

Step 1) Take one page of A4, and cut this into four squares.

Step 2) On the front cover, write the topic title and key question. For example, 'What were the causes of World War II'?

Step 3) On the reverse side write 4-5 short facts which answer the question or are linked to the topic.

Step 4) Test your child at home. Read out the question or topic title, and see how much they can remember.

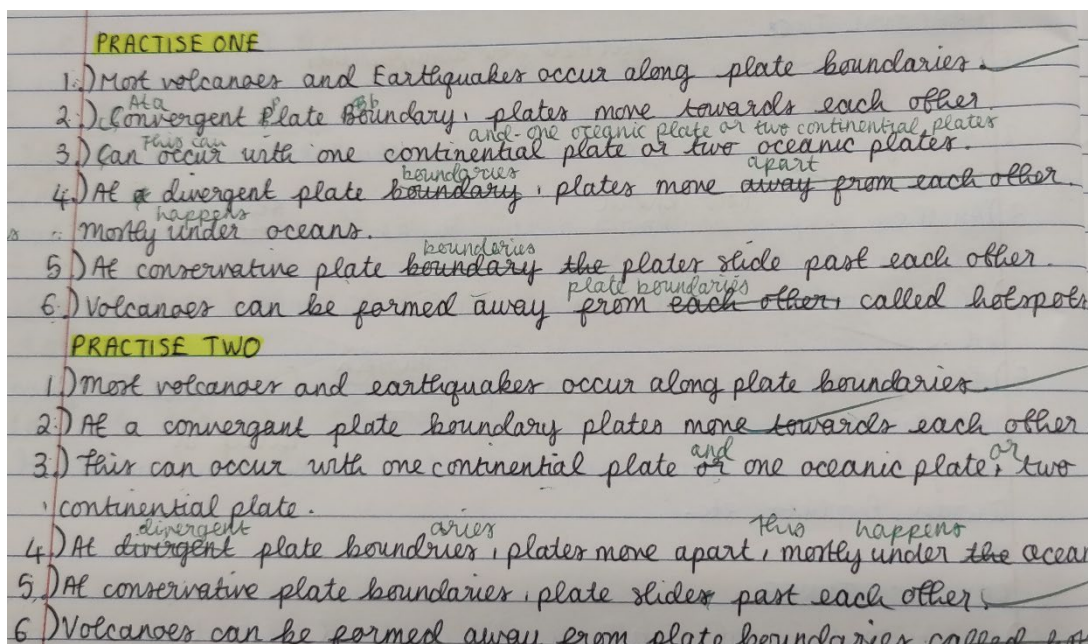
3) Look, Cover, Write, Check

Step 1) Read through the content in your knowledge organiser.

Step 2) Cover up the information and see how much you can **write from memory**.

Step 3) Go back and **check**. Did you miss anything? If so, add in your corrections in a different colour pen.

Step 4) Repeat again until you can write everything out from memory, with no corrections needed.



How will homework support your child's academic progress?

The homework which we set your child provides them with an opportunity to consolidate and develop their understanding of the content taught in lessons, as well as providing an opportunity to carry out further research.

We believe, and having engaged with academic research, that this approach is highly beneficial for our learners in building their long-term memory, and ensuring the content they cover in class is not forgotten. We also acknowledge that homework can play a vital role in enabling our pupils to become independent learners. Homework helps develop pupils' organisation, build routine and develop good habits, all of which foster independence.

We understand that we all have different commitments after school. Therefore, to help assist with this all homework is issued every Tuesday on **Show My Homework**, with completion due on the following Monday. This allows you and your child to plan out at what points in the week homework will be completed.

For times when your child has completed all of their homework, there are additional research projects which pupils can choose to engage with to enrich their learning that has taken place.

How can you support your child with their homework?

- Build homework into your child's evening routine
- Provide a quiet space for your child to complete any homework set
- Ensure they have an appropriate device to complete online work via Show My Homework and access to the internet (we also offer access to computer rooms during lunch times and afterschool)
- Encourage your child to complete the additional learning tasks set (see year group overviews) to help deepen their learning
- Check to see if their homework is completed by logging into the parent app for Show My Homework
- Use incentives and rewards such as giving them screen time as a reward for an hour of work



Educational and Cultural Day Trip in Birmingham

Making learning fun and memorable is something that you can support us with heavily outside of school. There are so many educational and cultural opportunities available across Birmingham that you may wish to visit, we have highlighted some of these below.

Midlands Art Centre

There's simply so much on at MAC Birmingham, you'll be spoilt for choice. From breaking up your day in the park with a feature film, to learning a fun new skill like making jewellery or learning the piano, MAC has something for everyone.

MAC Birmingham is dedicated to bringing the arts into the community, with shows and exhibitions to inspire and courses and workshops that open up the artistic world to enquiring minds - young and old alike!

<https://macbirmingham.co.uk/>

National SEA LIFE Centre

National SEA LIFE Centre, The Waters Edge, 3 Brindleyplace,
Birmingham, B1 2HL

Accredited by the Council for Learning Outside the Classroom, Birmingham's National SEA LIFE Centre is a popular attraction for school visits with more than 2,000 creatures to see including sea turtles, sharks and penguins. With a wide range of talks and demonstrations throughout the day and interesting facts about marine habitats, the SEA LIFE Centre is a fantastic place to visit.

www.visitsealife.com/birmingham

Cadbury World

Linden Road, Bournville B30 1JR

Discover the magic of chocolate and the history of the cocoa bean at Cadbury's World. With more than 2,000 groups attending each year, it has become a hotspot for school visits. Learn about the vast history of Cadbury's products and packaging and take a tour to see chocolate making at its best. With a 4D chocolate adventure cinema experience, there is sure to be something for everyone from KS3 to KS5.

www.cadburyworld.co.uk/schools-and-groups

Thinktank, Birmingham Science Museum

Millennium Point, Curzon Street, Birmingham, B4 7XG

Thinktank has an incredible variety of exhibitions and galleries for those interested in science and engineering. Explore the Spitfire Museum, the Marine World gallery and all things astronomy at the Planetarium. Thinktank's Natural Science collection is the largest in the West Midlands and has over 250,000 specimens.

www.birminghammuseums.org.uk

The Library of Birmingham

Centenary Square, Broad St, Birmingham, West Midlands B1 2ND

Why not take a tour of one of the most iconic buildings in Birmingham? The Library is one of Birmingham's biggest tourist hotspots. See the memorial room dedicated to Shakespeare on the top floor with a vast collection of the famous playwright's work. The Library has a number of events and talks, a photography wall, and collections that pay homage to Birmingham's heritage.

libraryofbirmingham.com

Birmingham Botanical Gardens and Glasshouses

Westbourne Road, Edgbaston, Birmingham B15 3TR

With four glasshouses and 15 acres of grounds, the Botanical Gardens and Glasshouses offer school trips like no other. Awarded the Growing Schools garden award by the Department of Education, the Gardens have tailored made activities for different topics and age groups. For teachers who want to lead their own activities, the Botanical Gardens offer a range of resources.

www.birminghambotanicalgardens.org.uk

Museum of the Jewellery Quarter

75-80 Vyse St, Birmingham B18 6HA

A visit to Birmingham's famous Jewellery Quarter is a must. The Museum of the Jewellery Quarter tells the story of the Quarter and the city's renowned jewellery heritage. Set in the Smith & Pepper jewellery manufacturing firm, this fantastic time capsule offers live demonstrations at the jewellers' bench, giving visitors a chance to see what it was like to work there.

www.birminghammuseums.org.uk/jewellery

Birmingham Hippodrome

Hurst St, Southside, Birmingham B5 4TB

The Birmingham Hippodrome is one of the most popular theatres in the UK, regularly attracting over 500,000 visitors at performances every year.

From the Birmingham Royal Ballet to West End shows, the Hippodrome can accommodate groups of all sizes.

Whether it's dance or drama, the theatre is a great venue for students who have an interest in the creative arts.

www.birminghamhippodrome.com

Birmingham Back to Backs

50-54 Inge St, Birmingham B5 4TE

Take a fascinating guided tour of the last surviving courtyard built back to back, a key part of Birmingham's history. From the 1840s to the 1970s discover the lives of the residents who came to work in these small houses. With workshops and a 1930s sweet shop, it is a great place for students to learn about the city's history.

www.nationaltrust.org.uk/birmingham-back-to-backs

Electric Cinema

47-49 Station St, Birmingham B5 4DY

Birmingham is home to the UK's oldest working cinema, which is now complete with luxury sofas and a waiter service. With regular showings of the latest movies from foreign, classic, independent and contemporary – this is a perfect school trip for students interested in film and media.

www.theelectric.co.uk

Black Country Living Museum

2 Tipton Rd, Dudley, West Midlands DY1 4SQ

The Black Country Living Museum caters to all ages from primary school to secondary. Whether it is geography, science, history, design or literacy, the museum has a range of learning tools to assist with your visit. Celebrating the 1830s industrial landscape, take a tour of the Museum's village to hear the stories of people in their workshops. See vintage transport, play games and explore over 26 acres that celebrate a key part of history in the West Midlands.

www.bclm.co.uk

Aston Villa and Birmingham City Football Stadium Tours

Aston Villa Football Club, Villa Park, Birmingham, B6 6HE

Birmingham City Football Club, St. Andrew's Stadium, Birmingham, B9 4RL

Birmingham is home to two famous football clubs, with Aston Villa one of only a handful of English teams to lift the European Cup. Why not visit the stadia where historic footballing memories took place? From the press room and

the players' tunnel to the dressing rooms and hallowed turf itself, these tours are perfect for students who love sport.

www.avfc.co.uk/page/StadiumTours

www.bcf.com/tickets/Stadium_Tours.aspx

St George's Park – The Ultimate Football Experience

St. George's Park, Newborough Road, Needwood, Burton upon Trent, Staffordshire, DE13 9PD, UK

Ever wondered where the England football team trains? Not far from Birmingham is St George's Park. The Ultimate Football Experience is a brilliant way to help and encourage students to take part in sport, offering a trained FA coach, 3G pitch and fun football activity sessions on the grounds where England's best players – including Wayne Rooney, Joe Hart and Harry Kane – perfect their art.

www.thefa.com/st-georges-park

Birmingham Museum and Art Gallery

Chamberlain Square, Birmingham, B3 3DH

The Birmingham Museum and Art Gallery is one of the most visited attractions in Birmingham, right in the centre of the city. It is home to the world's biggest collection of Pre-Raphaelite paintings, while exhibitions and over 40 galleries also ensure it is a popular destination for educational visits. See artefacts and objects throughout history from Ancient Egypt to the Romans and Ancient Greece.

www.birminghammuseums.org.uk/bmag

Ikon Gallery

1 Oozells St, Birmingham B1 2HS

Celebrating modern art from across the globe, Birmingham's Ikon Gallery is housed in a Victorian school building in Brindleyplace, beside the city's canals. Whether it is painting, sculptures, mixed media or photography, there is something for everyone. Learn about the meaning behind these visual masterpieces through seminars, tours and workshops that enable visitors to share and discuss their views. Pupils can engage through creative learning, and teachers will have access to a number of resources so that students can make the most out of their visit.

ikon-gallery.org

The Wonderful World of Planes and Trains

3 Mary Ann Street, St Paul's Square, B3 1BG

An interactive and fun way to learn about the history of trains from the 1890s to today. With a number of engaging activities such as plane flight simulators, Scalextric, and train travel workshops – it's the perfect day out for a school trip.

wonderfulworldtrainsplanes.co.uk

Birmingham Repertory Theatre

Broad Street, Birmingham B1 2EP

The REP – as it is commonly known – has a Learning and Participation team that visit schools to give a greater understanding of theatrical technique. Drama is a fantastic way to develop communication skills and improve confidence, and the REP has workshops that will help students develop these skills through theatrical exercises. The theatre also has a number of exciting productions throughout the year that you don't want to miss.

www.birmingham-rep.co.uk

Birmingham Conservation Park

Birmingham Wildlife Conservation Park, Pershore Road, Edgbaston, B5 7RL

The Birmingham Wildlife Conservation Park is home to a number of animals from squirrel monkeys to the Green Tree Python. The park is focused on helping endangered species with a captive breeding programme. With educational talks and campaigns, it is a great way to learn about the animals, their habitat and to encourage

students to volunteer.

www.birmingham.gov.uk/naturecentre

West Midlands Safari Park

Bewdley, Worcester, DY12 1LF

Are you ready for an adventure, one that spans continents, species and millions of years? West Midland Safari Park has just the thing all wrapped up and raring to go! Interact with beautiful animals from nocturnal monkeys to African lions, there are many surreal animal encounters to experience. Grab your ride wristbands, find your favourite animal and most of all have an amazing experience!

<https://www.wmsp.co.uk/>

The Birmingham Mystery Treasure Trail

Snow Hill Train Station, Birmingham, West Midlands, B3 2BJ, England

If you're looking for a cost-effective family day out then The Birmingham Mystery Treasure Trail is for you!

Follow the 1.5-mile route through Birmingham on this self-guided themed Treasure Trail. Hunt for clues located on permanent features such as buildings and statues to solve the mysteries, and discover something new about where you live!

<https://www.treasuretrails.co.uk/products/days-out-birmingham-west-mids?variant=39342365212717>

YARDLEYS YEAR 10 CURRICULUM

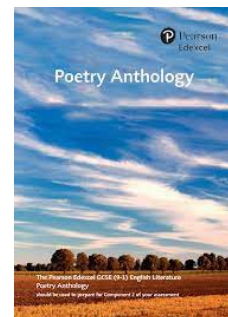
Subject	Term 1		Term 2		Term 3	
English	Prose 'Frankenstein'		Play: 'Romeo and Juliet' Language: Speaking and Listening		Poetry: Conflict Anthology Language: Comparison (Paper 2)	
Math	Foundation: <ul style="list-style-type: none"> • Factors & Multiples • Powers & Roots • Rounding & Estimation • Basic Angles & Parallel Lines • Bearings, Maps & Scales 	Foundation: <ul style="list-style-type: none"> • Indices • Expand & Factorise Single Brackets • FDP Equivalence • Fractions~: Four Rules • % of an Amount • Expressing as a % • Simple Interest 	Foundation: <ul style="list-style-type: none"> • Substitution • Solving Linear Equations • Angles in Triangles & Quads • Angles in Polygons • Pie Charts 	Foundation: <ul style="list-style-type: none"> • MMMR • Probability • YEAR 10: WORK EXPERIENCE • Area & Perimeter (Inc. Circles) 	Foundation: <ul style="list-style-type: none"> • Distance/Time Graphs • Compound Measures • Solving & Representing Inequalities • RATIO • Expanding & Factorising Double Brackets • Standard Form 	Foundation: <ul style="list-style-type: none"> • Rearranging • Simultaneous Equations • Straight Line Graphs (Drawing) • $y=mx+c$ • Transformations (TRRE)
	Higher: <ul style="list-style-type: none"> • Factors & Multiples • Powers, Roots & Indices • Linear Equations • Inequalities • Linear Graphs (inc. Parallel & Perpendicular Lines) • Regions 	Higher: <ul style="list-style-type: none"> • RATIO • Expanding & Factorising Double Brackets • Exact Value Trig • Pythagoras • Trig 1 • Sine Rule 	Higher: <ul style="list-style-type: none"> • Angles in Polygons • SURDS • Direct & Inverse Proportion (Use of k) 	Higher: <ul style="list-style-type: none"> • Area & Perimeter • Algebraic fractions • YEAR 10: WORK EXPERIENCE • Probability • Probability Trees 	Higher: <ul style="list-style-type: none"> • Histograms • Cumulative Frequency • Averages from Tables • Percentage Calculations • Compound Interest • Surface Area & Volume of ALL 3D shapes 	Higher: <ul style="list-style-type: none"> • Similarity • Triple Brackets • Equating Coefficients • Rearranging • ALL Number Sequences • Speed & Compound Measures

Subject	Term 1		Term 2		Term 3
Biology	Plant structures and their function Animal coordination, Control and homeostasis		Cells and Control-part 1 Health, disease and the Development of Medicines		Health, disease and the Development of Medicines Cells and Control-part 2
Chemistry	C3.1 - Chemical Changes (Acids, Alkalis and Salts)	C3.2 - Chemical Changes (Electrolysis)	C7 - Rates and Energy Changes	C4 - Metals and Extraction	C5.1 - Chemical Equilibria
Physics	Radioactivity and Astronomy		Astronomy, Energy and Forces		Electricity and Static Electricity
Geography	UK physical landscapes - River systems Urban issues & challenges		The challenge of natural hazards The living world		The living world UK physical landscapes - Coastal landscapes
History	Early Elizabethan England Superpower relations and the Cold War		Superpower relations and the Cold War USA: Civil Rights		USA: Vietnam
RE	Christian beliefs Christian Practices		Islam Beliefs Islam Practices		Religion and relationships Religion and life
MFL French and Spanish	Family and Relationships		Home and Local Area		Global and Social Issues
Computer Science	Systems architecture Memory and storage		Computer networks, connections, protocols and security		Systems software Issues
iMedia	Digital graphic preparation and exam skills 'The Media industry', 'Factors influencing design'		Planning and making a digital graphic		Exam prep 'The Media industry', 'Factors influencing design', pre-production planning' & 'distribution'
IT	Exploring User Interface Design Principles and Project Planning Techniques/ Effective digital working practices		Exploring User Interface Design Principles and Project Planning Techniques/ Effective digital working practices		Collecting, Presenting and Interpreting Data/ Effective digital working practices
Art	Supporting Studies, Portraiture Skill Building with techniques and understanding or artistic practice Printmaking disciplines including mono, press, etching, stencil and lino.				Identity Sustained Focus Project - Frida Kahlo
Photography	'Basics of Photography' = Depth of Field, Rule of Thirds, Macro. Photoshop Editing.		Hand manipulation & Still Life Photography		Portraiture Photography & Double Exposure

Subject	Term 1	Term 2	Term 3
Design and Technology	Designing and Design Development in Design and Technology Controlled Assessment: 1. New Product Launch 2. Circular Economy 3. Space	Making and Evaluating in Design and Technology Controlled Assessment: 1. New Product Launch 2. Circular Economy 3. Space	Research Launch on Specification Project
Hospitality and Catering	Functions of nutrients Health and safety in the industry Skills and techniques in bread making Culinary terms	Establishments in the hospitality industry Communication types of services in industry Skills and techniques in pastry making Types of pastries Large and small equipment	Bacteria and high-risk foods Temperatures and storage FIFO HACCAP COSHH abbreviations used in industry Coating and stuffing Souffles and desserts
Music	Music elements, style and technology The Digital Audio Workstation (DAW)	Music technology Music business Sound creation	The Digital Audio Workstation (DAW)
Drama	'Missing Dan Nolan'	Devising	Script Work
Sports Science	Applying principles of training – 2 lessons Reducing the risk of injury in Sport - 1 lesson		
Core Physical Education	Individual Pathway Net and Wall Games: badminton Fitness and Problem-solving Accurate replication: trampolining Orienteering/circuit training	Games pathway Invasion Games: Girls – basketball, football netball Boys – basketball, football and rugby Orienteering/circuit training Fitness and problem-solving	Striking and Fielding Softball/rounders Performing at maximum levels Athletics

Your Child Needs You!

Here at Yardleys, we understand that it can sometimes be difficult to know how best to support your children through their studies. But we also know that the more our students talk about their work, both inside and outside of school, the deeper and more flexible their learning. We need you to help us promote the school values of curiosity and reflection beyond our classrooms and, in doing so, help your child on their journey to GCSE success!



Each term, the English Department will be sending home suggestions for activities, reading and discussion you could do with your child at home to help support their learning in school - you may remember our previous letters about 'Frankenstein' and 'Romeo and Juliet' earlier this year last. **Re-reading with your child the text they are studying in class, or reading it yourself alongside the in-class schedule, is one of the best ways you can help support your child at home.** We know that time is precious and are not asking you to take over the teaching, but we also know how keen many parents are to do as much as possible to help their children reach their potential. So, whether it's sitting down and watching a film or documentary, listening to a podcast or debating some big topics over the dinner table, we hope to have something for you!

This term, in Year 10, students will be completing a speaking and listening task and will revise for their Literature GCSE by revisiting, in lessons, the conflict poetry anthology, looking specifically at 6-9 focus poems. All students were, last year, provided with a free copy of the text (see top right) and studied and made notes on all 15 poems in the anthology. It's therefore important that students find their texts or replace them (buying a new copy via Parent Pay) and bring it with them to each lesson.

Autumn Term Week	Classroom Teaching Focus	Questions for Discussion at Home and Additional Learning Resources		
		Watch on ClickView	Listen on Spotify/BBC Sounds	Discuss together
Week 1 (09.04.24)	Speaking and Listening Assessment Task	<ul style="list-style-type: none"> BBC Teach: Ciaran Carson on 'Belfast Confetti' Southbank Centre: Johan Agard, Guyana ClickView: 'Perfecting Poetry: Poetic Form and Structure' ClickView: 'Perfecting Poetry: Sensory Imagery and Sound Devices' BBCiPlayer: Tan France: Beauty and the Bleach 	<ul style="list-style-type: none"> 'Witness History: World War I Poetry' 'In Our Time: The Charge of the Light Brigade' 'Straight Talking English' Podcast, S4 E11: 'Tennyson's <i>The Charge of the Light Brigade</i>' 'Straight Talking English' Podcast, 'Tacking an unseen Poem' Remember to also check out GCSEPod for more relevant pods. 	<ul style="list-style-type: none"> Is conflict ever necessary? How might people affected by conflict feel? To what extent do you think those actively involved in conflict understand its purpose? How might we avoid conflict?
Week 2 (15.04.24)				
Week 3 (22.04.24)				
Week 4 (29.04.24)	Physical Conflict: 'The Destruction of Sennacherib' and 'The Charge of the Light Brigade'			
Week 5 (06.05.24)				
Week 6 (13.05.24)	Familial Conflict: 'Catrin' and 'Cousin Kate'.			
Week 7 (20.05.24)				
Half Term				
Week 8 (03.06.24)	Social Conflict: 'Half-Caste'.			
Week 9 (10.06.24)				
Week 10 (17.06.24)	Unseen Poetry			
Week 11 (24.06.24)				
Week 12 (01.07.24)	Assessment Fortnight			
Week 13 (08.07.24)				
Week 14 (15.07.24)				



Academic Year 2023-24

Subject: Maths – Year 10 - Foundation – Term 3

Week/Time	Teaching Focus	Possible activities at home	
		Watch, Listen & Make Notes	Discuss
Week 26 – 8.4.2024	Distance-Time Graphs	http://corbettmaths.com/2013/05/25/travel-graphs/	What are the formulae for speed, distance & time?
Week 27 – 15.4.2024	Compound Measures	https://corbettmaths.com/2016/06/07/density/	What are the formulae for density, mass & volume?
Week 28 – 22.4.2024	Inequalities	http://corbettmaths.com/2013/05/18/inequalities/	List all the integer values between $-3 < n \leq 3$
Week 29 – 29.4.2024	Ratio – Part 1	http://corbettmaths.com/2013/03/03/ratio-sharing-the-total/	Share £270 in the ratio 2:3:4
Week 30 – 6.5.2024	Ratio – Part 2	http://corbettmaths.com/2013/05/16/ratio-given-one-quantity/	Are the ratios 14:36 & 21:54 in the same proportion?
Week 31 – 13.5.2024	Double Brackets	http://corbettmaths.com/2013/12/23/expanding-two-brackets-video-14/ http://corbettmaths.com/2013/02/06/factorising-quadratics-1/	Expand & Simplify $(x + 5)(x - 3)$ Factorise $x^2 + 2x - 15$
Week 32 – 20.5.2024	Standard Form	http://corbettmaths.com/2013/04/28/standard-form/	Why is 12.75×10^6 NOT in standard form? Write it in standard form.
Half term		Watch, Listen & Make Notes	Discuss
Week 33 – 3.6.2024	Rearranging	http://corbettmaths.com/2013/12/23/changing-the-subject-video-7/	What is the subject of $3x + 15 = y$
Week 34 – 10.6.2024	Simultaneous Equations	http://corbettmaths.com/2013/03/05/simultaneous-equations-elimination-method/	What does the word “simultaneous” mean?
Week 35 – 17.6.2024	Drawing Straight Line Graphs	http://corbettmaths.com/2013/05/29/ymxc/	$Y=3x+2$ When $x = 5$, work out y
Week 36 – 24.6.2024	Assessment Week: REVISION	Sit with your child and make a revision timetable that includes the topics covered over the past year. Use the links above and their exercise book to help you. Find any questions from their weekly quizzes that they couldn't do and use these as a starting point to revise from. Make sure your child asks their teacher if there is any further help they need.	
Week 37 – 1.7.2024	Assessment Week: REVISION		
Week 38 – 8.7.2024	Transformations: Reflection	http://corbettmaths.com/2012/08/19/reflection-s/	In order to reflect a shape, we always need a line.
Week 39 – 15.7.2024	Transformations: Rotation	http://corbettmaths.com/2013/05/19/rotations-l/	What is the angle turn from North to South?



Academic Year 2023-24

Subject: Maths – Year 10 - Higher – Term 3

Week/Time	Teaching Focus	Possible activities at home	
		Watch, Listen & Make Notes	Discuss
Week 26 – 8.4.2024	Histograms	http://corbettmaths.com/2012/08/20/drawing-histograms/	What goes on the y-axis for a histogram?
Week 27 – 15.4.2024	Cumulative Frequency	http://corbettmaths.com/2012/08/09/drawing-cumulative-frequency-graphs/	What does the word “cumulative” mean?
Week 28 – 22.4.2024	Mean from Tables	http://corbettmaths.com/2012/08/19/estimate-d-means-from-grouped-data/	Why is the mean from a grouped freq. table always an estimate?
Week 29 – 29.4.2024	Percentage Calculations	http://corbettmaths.com/2013/02/15/reverse-percentages/	Can a % be greater than 100%. Explain.
Week 30 – 6.5.2024	Compound Interest	http://corbettmaths.com/2012/08/21/compound-interest/	Write an increase of 3.5% as a single decimal multiplier
Week 31 – 13.5.2024	Volume: Prisms	http://corbettmaths.com/2013/04/20/volume-of-a-prism/	Can you define a prism? What is the volume formula for ALL prisms?
Week 32 – 20.5.2024	Volume: Non-Prisms	http://corbettmaths.com/2013/03/03/volume-of-a-cone/ http://corbettmaths.com/2013/03/03/volume-of-a-sphere/	Can you recall the volume formulae for both a cone/pyramid and a sphere?
Half term		Watch, Listen & Make Notes	Discuss
Week 33 – 3.6.2024	Similarity	http://corbettmaths.com/2013/11/16/similarshapes/ http://corbettmaths.com/2013/11/16/similar-shapes-areas/ http://corbettmaths.com/2013/11/17/similar-shape-volumes/	When two or more shapes are similar, what property/feature of those shapes will always be the same?
Week 34 – 10.6.2024	Triple Brackets	http://corbettmaths.com/2013/12/27/expanding-three-brackets-video-15/	Expand & simplify $(x + 5)(x - 3)(x + 2)$
Week 35 – 17.6.2024	Equating Coefficients	https://corbettmaths.com/2021/12/10/identities-video/	Can you define the word “coefficient”?

Week 36 – 24.6.2024	Assessment Week: REVISION	Sit with your child and make a revision timetable that includes the topics covered over the past year. Use the links above and their exercise book to help you. Find any questions from their weekly quizzes that they couldn't do and use these as a starting point to revise from. Make sure your child asks their teacher if there is any further help they need.	
Week 37 – 1.7.2024	Assessment Week: REVISION		
Week 38 – 8.7.2024	Quadratic Sequences	https://corbettmaths.com/2016/08/07/quadratic-sequences-version-2/	How do you work out the values of a, b & c ?
Week 39 – 15.7.2024	Speed	http://corbettmaths.com/2016/01/01/speed-distance-time/	What are the three main units of speed?



Subject: Year 10 Biology **Exam Board:** Edexcel

Science helps students gain an understanding of the world around them, from the micro-level of particles and atoms to the macro-level of our expanding universe. It encourages students to question and enquire in order to learn more. We want our students to acquire the scientific knowledge and skills to meet their academic, practical and “real life” challenges of the future.

Term	Teaching Focus	Possible activities at home		
		Watch	Listen	Discuss
Summer 1	Topic B5 Health, disease and the development of medicines.	<p>Clickview - As humans crave more fat and sugar in food, discover why it's important to have a balanced diet. https://online.clickview.co.uk/libraries/videos/51295232/balanced-diet</p> <p>Clickview – In ‘Ten Bad Things You Didn't Know about Smoking and Tobacco’ The harms of smoking that may not be common knowledge is discussed. https://online.clickview.co.uk/libraries/videos/5002647/ten-bad-things-you-didn-t-know-about-smoking-and-tobacco</p>	<p>BBC Podcast – Flooding is increasing waterborne diseases in Pakistan. https://www.bbc.co.uk/sounds/play/w3ct32wz</p> <p>BBC Podcast - Are countries with higher obesity rates suffering from more deaths? https://www.bbc.co.uk/sounds/play/w3ct0pyt</p>	<p>Are natural disasters increasing the spread of disease?</p> <p>Is obesity causing people to become more ill from other diseases?</p>
Half Term				
Summer 2	Topic B2-part 2 Cells and Control	<p>Stem Cells and Miracles (ClickView) https://online.clickview.co.uk/exchange/videos/68990/stem-cells-and-miracles</p> <p>Stem Cells: Wheelchair User (ClickView) https://online.clickview.co.uk/exchange/videos/42461135/stem-cells-wheelchair-user</p>	<p>Mitosis: How One Cell Becomes Two. (ClickView) https://online.clickview.co.uk/libraries/videos/46441175/mitosis-how-one-cell-becomes-two</p> <p>Mitosis: Splitting up Is Complicated (ClickView) https://online.clickview.co.uk/libraries/videos/50834176/mitosis-splitting-up-is-complicated</p>	<p>Can you explain some of the issues surrounding the use of stem cells?</p> <p>Discuss-We know that we are made of cells. But we start out as just one tiny little cell in the womb. How does that become enough cells to look like a baby? And how does that baby get enough cells to become an adult?</p>



Subject: Year 10 Chemistry (Exam Board: Edexcel)

Science helps students gain an understanding of the world around them, from the micro-level of particles and atoms to the macro-level of our expanding universe. It encourages students to question and enquire in order to learn more. We want our students to acquire the scientific knowledge and skills to meet their academic, practical and “real life” challenges of the future.

Term	Teaching Focus	Possible activities at home		
		Watch	Listen	Discuss
Summer 1	Metals and Extraction	Extracting Metals (GCSE Pod) https://members.gcsepo.d.com/shared/podcasts/title/10927/69190	New ways of extracting Copper (GCSE Pod) https://members.gcsepo.d.com/shared/podcasts/title/10927/69197	How is the reactivity series linked to different methods of metal extraction? Are there any metals which don't need to be extracted and found in their native state?
Half term				
Summer 2	Chemical Equilibria	Reversible Reactions (Clickview) https://online.clickview.co.uk/libraries/videos/22090162/reversible-reactions	Reversible Reactions and Equilibria (GCSE Pod) https://members.gcsepo.d.com/shared/podcasts/title/11282/69450	What is meant by dynamic equilibrium? What factors affect dynamic equilibrium?



Subject: Physics

Science helps students gain an understanding of the world around them, from the micro-level of particles and atoms to the macro-level of our expanding universe. It encourages students to question and enquire in order to learn more. We want our students to acquire the scientific knowledge and skills to meet their academic, practical and “real life” challenges of the future.

Physics in particular aims to explain the world in terms of the interactions between forces, energy and matter.

Term	Teaching Focus	Possible activities at home		
		Watch	Read	Discuss/Research
Summer 1	Current Electricity	Bill Nye the Science Guy – Electricity: https://www.youtube.com/watch?v=SYacUaukaxg Mains Electricity – Freesciencelessons https://www.youtube.com/watch?v=fbu3o9wavHk	Circuits fundamentals: http://www.dynamicscience.com.au/tester/solutions1/electric/circuits1.htm The War of The Currents – AC vs DC Power https://www.energy.gov/articles/war-currents-ac-vs-dc-power	How are plugs and circuit breakers designed to keep you safe in the home? Consider the ‘trucks with energy’ analogy from the ‘Circuits Fundamentals’ link (under Read). Can you think of a similar analogy?
Half term				
Summer 2	Static Electricity In this topic, the students will look at static electricity and electric fields, relating it to the uses and dangers.	General overview of static electricity and its uses: https://online.clickview.co.uk/exchange/videos/74607/static-electricity Video about lightning: https://online.clickview.co.uk/exchange/videos/3287663/episode-3-lightning Electrical safety around the home: https://online.clickview.co.uk/libraries/videos/39319138/electrical-safety	MET Office – about Lightning: https://www.metoffice.gov.uk/weather/learn-about/weather/types-of-weather/thunder-and-lightning/lightning Bitesize – Static electricity overview: https://www.bbc.co.uk/bitesize/guides/zt7t4j6/revision/1	Research how lightning occurs, and ways in which we can prevent it from being dangerous. Rub a balloon on a jacket and stick it to a wall. Can you explain why it sticks there?



Subject: Fine Art Year 10

Summary – Printing (Lino, Mono, Etching & Stencil Cutting)

TERM 2 Week/Time	Teaching Focus	Watch	Discuss
Week 1 –	Lino Printing (Carving)	https://www.youtube.com/watch?v=h-lK2twnrBo	
Week 2 –	Lino Printing (printing using ink)		
Week 3 –	Reduction Lino Printing (Carving other sections)		
Week 4 –	Lino Printing (printing using ink)		
Week 5 –	Present Lino Prints onto boards with annotations.	https://www.bbc.co.uk/bitesize/guides/zgtngdm/revision/1	
Week 6 –	Etching Printing (etch into plastic)	https://www.youtube.com/watch?v=3mOAAohdWUI	
Week 7 –	Etch Printing using the Press & Ink.		
Half term			
Week 8 –	Stencil cutting techniques	https://www.youtube.com/watch?v=ZrEdzQL5MI	
Week 9 –	Continuation of Stencil Cutting.		
Week 10 –	Present Etchings and Stencil prints onto boards with annotations.	https://www.bbc.co.uk/bitesize/guides/zwk82nb/revision/1	
Week 11 –	Combine prints into background of Portrait painting (final piece development in the style of Dimitra Milan)	https://www.youtube.com/watch?v=LtwDyv7tUxo https://www.bbc.co.uk/bitesize/guides/zpcndxs/revision/1	
Week 12 –	Combine prints into background of Portrait painting (final piece development)		
Week 13 -	Mock 5 hours Final Piece Creation.		
Week 14 -	Assessment Week.		



Subject: Photography Year 10

Summary – Urban Landscape/Texture & Portrait Photography

TERM 2 Week/Time	Teaching Focus		
		Watch	Discuss
Week 1 –	Edit best photographs from the school Photography shoot (Texture)	https://www.youtube.com/watch?v=WDmiT8pgHKY	
Week 2 –	Add edited photographs to Coursework PowerPoint with annotations/analysis	https://www.youtube.com/watch?v=dVThXY45jGI	
Week 3 –	Trip around Tyseley – Photographing textures		
Week 4 –	Edit best photographs and add to Coursework PowerPoint with annotations/analysis.		
Week 5 –	Edit best photographs and add to Coursework PowerPoint with annotations/analysis.		
Week 6 –	Trip to Digbeth – Photographing Urban landscape and textures		
Week 7 –	Edit best photographs and add to Coursework PowerPoint with annotations/analysis.		
Half term			
Week 8 –	Introduction to portrait photography – Create photographer research slides.		
Week 9 –	Portrait Photography shoot in the style of chosen photographers (indoors and outdoors)	https://www.youtube.com/watch?v=RWaffm21o0k https://www.youtube.com/watch?v=FC48gsKkwN0 https://www.youtube.com/watch?v=SucO-95xa-k https://www.youtube.com/watch?v=Yp14ty5tfQ4 https://www.youtube.com/watch?v=iOYz669WNpU	
Week 10 –	Hand manipulation experimentation using portrait photographs.		
Week 11 –	Hand manipulation experimentation using portrait photographs.		

Week 12 –	MOCK Hand manipulation final piece (5 hours)	https://www.bbc.co.uk/bitesize/guides/zpcndxs/revision/1	
Week 13 -	Refine coursework PowerPoint/annotation and analysis throughout.	https://www.bbc.co.uk/bitesize/guides/zgtngdm/revision/1	
Week 14 -	Assessment week.		



Subject: Computer Science

Exam Board: OCR

Through our ambitious computing curriculum our learners will have access to a broad and balanced range of topics including: digital literacy, computational thinking and modern technology. Yardley’s computing curriculum will provide students with an understanding of how computing underpins today’s modern lifestyle and has made the world better, faster and more connected. We ensure that the students at Yardleys can develop to become masters and creators in this field, to aid them in their development of our rapidly changing technological world.

TERM 3 Week/Tim e	Teaching Focus	Possible activities at home			
		Watch Read	Discuss		
Week 26 – 8.4.2024	Systems software / Program ming	https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-operating-systems-part-1	https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-operating-systems-part-1		
Week 27 – 15.4.2024					
Week 28 – 22.4.2024				https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-operating-systems-part-2	https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-operating-systems-part-2
Week 29 – 29.4.2024				https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-the-purpose-and-functionality-of-operating-systems	https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-the-purpose-and-functionality-of-operating-systems
Week 30 – 6.5.2024				https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-utility-system-software	https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-utility-system-software
Week 31 – 13.5.2024				https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-utility-system-software	https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-utility-system-software
Week 32 – 20.5.2024				https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-utility-system-software	https://student.craigndave.org/videos/ocr-gcse-j277-sl1-5-utility-system-software
Half term					
Week 33 – 3.6.2024	Ethical, legal, cultural and environm ental impacts of digital technolo gy/	https://student.craigndave.org/videos/ocr-gcse-j277-sl1-6-environmental-impact-of-computer-science	What would you do without your phone? Is technology a good thing? Why? What are the effects of technology on the environment? Do you think we are being tracked too much? What do you think about CHAT GPT?		
Week 34 – 10.6.2024					
Week 35 – 17.6.2024				https://student.craigndave.org/videos/ocr-gcse-j277-sl1-6-how-to-investigate-and-discuss-computer-science-technologies-considering-ethical-legal-cultural-environmental-and-privacy-issues	
Week 36 – 24.6.2024				https://student.craigndave.org/videos/ocr-gcse-j277-sl1-6-how-to-investigate-and-discuss-computer-science-technologies-considering-ethical-legal-cultural-environmental-and-privacy-issues	

Week 37 – 1.7.2024	Program ming	https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-6-impacts-of-digital-technology-on-wider-society	How many jobs do you think AI will replace? Could AI replace teachers?
Week 38 – 8.7.2024	Assessme nt week revision	https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-6-cultural-implications-of-computer-science	
Week 39 – 15.7.2024		https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-6-legislation-relevant-to-computer-science https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-6-open-source-vs-proprietary-software	



Subject: BTEC Digital Information Technology

Exam Board: Edexcel

Through our ambitious computing curriculum our learners will have access to a broad and balanced range of topics including: digital literacy, computational thinking and modern technology. Yardley’s computing curriculum will provide students with an understanding of how computing underpins today’s modern lifestyle and has made the world better, faster and more connected. We ensure that the students at Yardleys can develop to become masters and creators in this field, to aid them in their development of our rapidly changing technological world.

TERM 3 Week/Tim e	Teaching Focus	Possible activities at home	
		Watch Read	Discuss
Week 26 – 8.4.2024	Exploring user interface design principles and project planning techniques Controlled assessment	https://www.youtube.com/watch?v=WtoK7BzalsA	What accessibility features did you notice on recent websites you have visited?
Week 27 – 15.4.2024		https://www.youtube.com/watch?v=U1Oy4X5Ni8Y	Is there anyone in your family who manages projects? Ask them what they do?
Week 28 – 22.4.2024		https://www.youtube.com/watch?v=XIGSJshYb90	Can you list some user interfaces you have used?
Week 29 – 29.4.2024	Collecting, presenting and interpreting data Controlled assessment preparation	https://www.bbc.co.uk/bitesize/guides/z8f82hv/revision/3	What is a dashboard?
Week 30 – 6.5.2024			Why do health and fitness apps use dashboards?
Week 31 – 13.5.2024			Does anyone in your family use Microsoft Excel? What do they use it for?
Week 32 – 20.5.2024			What are the advantages of using a spreadsheet?
Half term			
Week 33 – 3.6.2024	Collecting, presenting and interpreting data Controlled assessment preparation	https://www.teach-ict.com/gcse_new/spreadsheets/spreadsheets/miniweb/index.htm	What are the advantages of spreadsheets?
Week 34 – 10.6.2024			What data do different organisations collect about you? e.g. NHS, School, Police
Week 35 – 17.6.2024			https://www.teach-ict.com/gcse_new/spreadsheets/modelling_simulation/miniweb/pg2.htm

Week 36 – 24.6.2024	Assessment week revision	https://www.bbc.co.uk/bitesize/guides/zdydmp3/revision/1 https://www.bbc.co.uk/bitesize/guides/z4wdrj6/revision/2	What verification methods do you use daily?
Week 37 – 1.7.2024	Assessment week		Why is verification important?
Week 38 – 8.7.2024			Who uses data modelling
Week 39 – 15.7.2024			

Subject: Design and Technology

Exam Board: Eduqas - https://www.eduqas.co.uk/qualifications/design-and-technology-gcse/#tab_keydocuments

Here at Yardleys, we understand that it can sometimes be difficult to know how best to support your children through their studies. But we also know that the more our students talk about their work, both inside and outside of school, the deeper and more flexible their learning. We need you to help us promote the school values of curiosity and reflection beyond our classrooms and, in doing so, help your child on their journey to academic success!

In Year 10, students studying Design and Technology will be experiencing a wide range of topics, knowledge and skills in their lessons. During Year 10, students will undertake two design and make projects – the first will have a focus on Designing and making. This is a practice project to give students a taste of their final GCSE project. The second will be the start of their actual GCSE which starts on the 1st June 2023 when the exam board release a choice of projects.

Unit Title	Classroom Teaching Focus	Questions for Discussion at Home and Additional Learning Resources	
		Watch or listen	Discuss together
Mechanisms & Electronics	Electronics	https://www.bbc.co.uk/bitesize/guides/zh8ck2p/revision/1	What types of systems do the electronics in your home use?
Materials	Paper, Card, Textiles	https://www.bbc.co.uk/bitesize/guides/znmj2nb/video https://www.bbc.co.uk/bitesize/guides/z6t26yc/revision/1	Where do papers and textiles come from? What are their categories?
Our World	People, Culture, Society	https://www.bbc.co.uk/bitesize/guides/zhrvgdm/revision/1	What factors of society influence a products design?
Half Term			
Our World	(Product and User) Investigating	https://www.bbc.co.uk/bitesize/guides/z6hxx39/revision/1	How do you collect and analyse research?
Design	- Planning - Manufacturing a Prototype	https://www.youtube.com/watch?v=JzzBAn9kFp0 https://www.youtube.com/watch?v=xsxi4qaEnOg https://www.youtube.com/watch?v=ISiiHCIZm7M https://www.youtube.com/watch?v=0kjTxNPskoA https://www.bbc.co.uk/bitesize/guides/zdqdqhv/revision/1	Have you planned out the different stages of making? Have you completed a full list of parts and other components for your prototype? Have you tested different manufacturing processes? Manufactured boards
End of Term			



Subject: Drama

Summary To provide an enriched, engaging and culture-rich curriculum which gives pupils the; knowledge, skills, passion and independence to participate and appreciate a wide range of dramatic material. A curriculum that inspires and aims to create ambitious, confident actors, directors and technicians who continue to enjoy theatre, acting for camera and productions beyond Yardleys. The curriculum is focused around 3 main strands these being Performance, creating and analysis these three different strands underpin every aspect of our course structure here at Yardleys. Every student Students should be able to navigate the lessons by using the appropriate rehearsal practices. Students should be able to use the appropriate vocal and physical skills required for any role undertaken in performance. Finally, all students should be able to critique and analyse their own work and that of others.

TERM 3 Week/Time	Teaching Focus	Possible activities at home Watch / Read / Discuss
Week 26 – 8.4.2024 Through to Week 38 – 15.7.2024	To give students the opportunity to explore a variety of different styles and forms of theatre by presenting students with multiple stimuli. To give the students the practical skills to be able to effectively perform in their chosen style, building on relevant work from KS3. Creating work that is appropriate to the style. Students should conduct their own research into relevant techniques used in performance and design. To produce a formal written piece of coursework IE: Portfolio.	OCR GCSE Drama Devising stimuli for 23-25 https://www.ocr.org.uk/Images/693447-devising-drama-2023-2025.pdf OCR Devising task resource https://www.bbc.co.uk/bitesize/topics/zjw3vk7 Devising portofolio Examples. https://ocr.org.uk/Images/340509-candidate-style-answers-devising-exemplar-2-with-commentary.pdf GCSE Guide to Devising. https://qualifications.pearson.com/content/dam/pdf/GCSE/Drama/2016/teaching-and-learning-materials/GCSE-Guide-to-Devising.pdf What is Devising Drama? https://www.courttheatre.org/about/blog/what-is-devised-theatre/ Konstantin Stanislavski https://www.bbc.co.uk/bitesize/guides/zxn4mp3/revision/1 Bertolt Brecht https://www.bbc.co.uk/bitesize/guides/zwmvd2p/revision/1 Selecting a Genre or Style https://www.bbc.co.uk/bitesize/guides/zmn9382/revision/1 Rehearsing for a performance. https://www.bbc.co.uk/bitesize/guides/z6f8gwx/revision/1

Subject: French

 Summary: In this term, the main topic is describing the **environment and social issues**.

TERM 3 Week/Time	Teaching Focus	Possible activities at home		
		Watch	Read	Discuss
Week 26 – 8.4.24	Introduction - environmental changes	Oak Academy Videos about the environment: https://classroom.thenationalacademy/lessons/considering-global-issues-part-13-cct38d Social & Global Issues: https://www.bbc.co.uk/bitesize/topics/zjj9pg8	Linguascope: Beginner, le recyclage Login for Linguascope: www.linguascope.com Username: yardleys Password: europe2	What are the main environmental concerns in today's world? Which ones do you think are the most serious?
Week 27 – 15.4.24	Reduce/Reuse/Recycle			
Week 28 – 22.4.24	The world of today			
Week 29 – 29.4.24				
Week 30 – 6.5.24	Look after your planet			
Week 31 – 13.5.24	Protecting the environment			
Week 32 – 20.5.24				
Half term				
Week 33 – 3.6.24	Thinking globally	Oak Academy Videos about social issues: https://classroom.thenationalacademy/lessons/talking-about-local-actions-part-13-6wrkj4 S & G Issues Revision: https://www.bbc.co.uk/bitesize/guides/zbdx382/revision/1	Linguascope: Intermediate, Social Issues Login for Linguascope: www.linguascope.com Username: yardleys Password: europe2	What are the dangers of being homeless? Think of mental and physical.
Week 34 – 10.6.24	People in need			
Week 35 – 17.6.24	Homelessness			
Week 36 – 24.6.24	Volunteers			
Week 37 – 1.7.24	WHOLE SCHOOL ASSESSMENT WEEK			
Week 38 – 8.7.24	Importance of helping others			
Week 39 – 15.7.24	Assessment feedback			

Subject: Spanish

 Summary: In this term, the main topic is describing the **environment and social issues**.

TERM 2 Week/Time	Teaching Focus	Possible activities at home		
		Watch	Read	Discuss
Week 1 – 8.4.24	Introduction - environmental changes	Oak Academy Videos about the environment: https://classroom.thenational.academy/lessons/considering-global-issues-part-13-cct38d	Linguascope: Beginner, El reciclaje www.linguascope.com Username: yardleys Password: europe2	What are the main environmental concerns in today's world? Which ones do you think are the most serious?
Week 2 – 15.4.24	Reduce/Reuse/Recycle			
Week 3 – 22.4.24	The world of today			
Week 4 – 29.4.24	Completion of Week 3			
Week 5 – 6.5.24	Look after your planet			
Week 6 – 13.5.24	Protecting the environment			
Week 7 – 20.5.24				
Half term				
Week 8 – 3.6.24	Thinking globally	Oak Academy Videos about social issues: https://classroom.thenational.academy/lessons/talking-about-local-actions-part-13-6wrkjd	Linguascope: Intermediate, Social Issues www.linguascope.com Username: yardleys Password: europe2	What are the dangers of being homeless?
Week 9 – 10.6.24	People in need			
Week 10 – 17.6.24	Homelessness			
Week 11 – 24.6.24	Volunteers			
Week 12 – 1.7.24	WHOLE SCHOOL ASSESSMENT WEEK			
Week 13 – 8.7.24	Importance of helping others			
Week 14 – 15.7.24	Completion of Week 12 and Feedback to assessments			



Subject: Hospitality and Catering

Exam Board: WJEC

Pupils will build on prior knowledge. Develop the transferable skills of time management, communication, organisation, planning and problem solving. Have a clear understanding of a range of cooking skills Apply mathematical knowledge to their understanding of cooking & catering. Including, timing, measuring, estimating and weighing. Make positive life choices around health and diet. Understand how to produce food safely following industry guidelines. The opportunity to experience a balanced and varied curriculum, allowing them to participate in a wide variety of activities covering practical skills lessons, industry visits, product analysis, professional demonstrations and applied learning. Focus on exam prep and retrieval of exam questions within the hospitality and Catering industry. Students will cover the following strands: -

TERM 3 Week/Time	Teaching Focus	Possible activities at home	
		Watch Read	Discuss
Week 26 – 8.4.2024	2.1 -2.4 Cooking methods Dietary needs	https://www.youtube.com/watch?v=fiFi-d0RwKo https://www.youtube.com/watch?v=A2H1GeEHEEE https://www.youtube.com/watch?v=r6Uezl_Pveg https://www.youtube.com/watch?v=pD9mk0Y_py0	What are the impacts of cooking on nutrients? Review the healthiest cooking methods What are the facts for cooking or making food
Week 27 – 15.4.2024			
Week 28 – 22.4.2024			
Week 29 – 29.4.2024			
Week 30 – 6.5.2024			
Week 31 – 13.5.2024			
Week 32 – 20.5.2024			
Half term			
Week 33 – 3.6.2024	Ethical, economic cultural and environmental impacts technology/ Programming Assessment week revision	https://www.youtube.com/watch?v=G0BhbVvSxOk https://www.youtube.com/watch?v=9Opt06QF9WY&t=6s https://www.youtube.com/watch?v=rjxwfp8rs34	Do you think about fair trade or animal rights? How do cultural issues impact your food choices? What are the effects of purchasing food due to the environment? How can you reduce f=food miles and be more sustainable?
Week 34 – 10.6.2024			
Week 35 – 17.6.2024			
Week 36 – 24.6.2024			
Week 37 – 1.7.2024			
Week 38 – 8.7.2024			
Week 39 – 15.7.2024			



Subject: Geography

The Intent of the Geography curriculum is to educate all students to be global citizens (someone who can empathise with different people with different lifestyles, landscapes and situations around the world), to have an understanding of the world beyond and linked to Tyseley – enough to spot misleading information about the wider world and make evidence-based decisions. We will do this by developing their knowledge and understanding of the key Geographical concepts of sustainability, process, development & enquiry.

In this term students in Year 10 will focus on three topics. First, we will finish The Living World (part of AQA paper 1) with a focus on hot desert biomes and their opportunities and challenges. We will then pivot to the second half of UK physical landscapes with a focus on the processes and landforms in coastal environments. Finally, we will focus on Geographical skills and revision – ready for the end of year exams.

TERM 3 Week/Time	Teaching Focus	Possible activities at home		
		Watch	Read	Discuss
Week 26 – 8.4.2024	What are the opportunities and challenges of life in a hot desert?	Desert animals YouTube link	Hot deserts - a summary (Challenging!) link	What are the opportunities for, and challenges against, economic and social development in hot deserts?
Week 27 – 15.4.2024		Life in the Thar Desert YouTube link	Cool Geography - Life in the Thar hyperlink	
Week 28 – 22.4.2024				
Week 29 – 6.5.2024	UK physical landscapes – Coastal environments	How the coast works (YouTube)	UK coastal landscapes (BBC AQA Bitesize) Hyperlink	How is a beach like a conveyer belt?
Week 30 – 13.5.2024				
Week 31 – 20.5.2024				
Half term				
Week 32 – 3.6.2024	What makes a suitable hypothesis for Geography fieldwork? How do we conduct safe and effective fieldwork?	Creating AQA Geography fieldwork - the Travelling Teacher YouTube link Exploring habitats - the pond YouTube link	AQA Introduction to fieldwork skills BBC Bitesize Internet Geography - Fieldwork techniques hyperlink	How do you carry out a realistic risk assessment?
Week 33 – 10.6.2024				
Week 34 – 17.6.2024	Revision and prep for end of tyear exams	How to answer Geography exam questions YouTube video	BBC Bitesize study support tips Hyperlink How to put together a revision timetable Hyperlink	How have you revised for tests in the past? What worked well for you?
Week 35 – 24.6.2024				
Week 36 – 1.7.2024				
Week 37 – 8.7.2024	Coastal environments	Coasts! (Time for Geography videos)	Can the UK's crumbling coasts be saved from erosion? (Article)	Is it worth protecting coastal towns from erosion?
Week 38 – 15.7.2024				



History

We aim to foster a passion for History to encourage students to become historians. Throughout their studies students will develop a good understanding of significant events in British history and aspects of world history, and how these impact the way we live today. Content is covered chronologically while revisiting themes such as power, protest, women, local history, wider world, empire and conflict. These first order concepts are analysed with second order concepts, such as causation, consequence, similarity and difference, chosen because they fit the content best. We aim for students to be involved in national conversations and provide context to wider understanding, helping them explain the way the world is today.

In this term students in Year 10 will be starting Paper 3, looking at Civil Rights before moving on to Vietnam and Paper 1 Medicine in Y11.

TERM 3 Week/Time	Teaching Focus	Possible activities at home		
		Watch	Read	Discuss
Week 26 – 8.4.2024	The Development of the Civil Rights Movement	Eyes on the Prize – Awakenings 1954-56 Eyes on the Prize – Fighting Back 1957-62	Little Rock Nine: the day young students shattered racial segregation (The Guardian) 10 things you may not know about Rosa Parks (History.com)	What similar challenges do Black Americans face today? How do you think the Little Rock 9 felt on their first day of school?
Week 27 – 15.4.2024				
Week 28 – 22.4.2024				
Week 29 – 6.5.2024				
Week 30 – 13.5.2024	Progress, Protest and Radicalism	History File - Civil Rights in the USA (ClickView) Selma (2014 film focusing on Martin Luther King’s voting rights protests) ClickView 1960s in America: CrashCourse (Youtube)	Civil Rights Movement tactics How the Black Power Movement influenced the Civil Rights Movement	Why was using peaceful protest a good choice for the Civil Rights Movement? Why were some Black Americans more willing to support the Black Power Movement?
Week 31 – 20.5.2024				
Half term				
Week 32 – 3.6.2024	Progress, Protest and Radicalism			
Week 33 – 10.6.2024				
Week 34 – 17.6.2024				
Week 35 – 24.6.2024				Revision, assessment and feedback
Week 36 – 1.7.2024				
Week 37 – 8.7.2024				
Week 38 – 15.7.2024				



Subject: iMedia Year 10

Summary: To create successful media professionals, preparing them for access to an ever-expanding industry here in the UK. Students will develop an understanding of real working practices and research, planning and practical methods behind making a variety of media products for an intended audience when communicating creative concepts effectively. They will be encouraged to identify and understand the strength and influence in media in society, such as identifying stereotypes and unfair/misleading representations in the media.

TERM 3 Week/Time	Teaching Focus	Possible activities at home	
		Read/Watch	Discuss
Week 1 – 17.4.24 to Week 6 – 22.5.24	Visual Identity and Digital Graphics Controlled assessment	<p>Students will be making a logo and magazine advert in lesson. This must be done under controlled conditions and work may not be taken home. The theme however is focused on Historical Simulation Video games. Students could/should watch the following videos</p> <p>Every Game Genre Explained In 6 Minutes https://www.youtube.com/watch?v=3YZJS6gggXA</p>	<p>What is visual identity and why is it important?</p> <p>What is a BRAND and what are Brand Values?</p> <p>How can design suit a theme, target audience or brand value(s)?</p> <p>How to plan and design a video game loading screen?</p> <p>How to use industry standard software to create a video game loading screen and poster</p>
Half term			
Week 7 – 5.6.24 - Week 13 – 17.7.24	R093 Creative iMedia in the media industry exam prep	<p>Students will be revising for their summer Media studies mock exam</p> <p>They should access the revision guide on the VLE and use that to revise for the exam.</p>	<p>What are the iMedia pre planning documents?</p> <p>How do you create pre planning documents?</p>



- **Subject:** Music Technology V-Cert
- Year 10 students will be studying the history and practical application of Music Technology, learning in the classroom and the studio, developing their knowledge of the world of Music Technology.
- They will be using DAWs and online platforms to compose their own chord sequences and melodies.

TERM 1 Week/Time	Teaching Focus	Possible activities at home	
		Watch	Discuss
Week 26 – 8.4.2024	AOS 2: The Digital Audio Workstation	Tracktion Waveform Tutorials https://www.youtube.com/playlist?list=PLaNjctabjrNoWj0ZCETvPEzAnrRQF6OmE Hookpad Composition Tool https://hookpad.hooktheory.com/	Can you effectively create tracks using Tracktion? Can you use Hookpad to come up with interesting chord sequences?
Week 27 – 15.4.2024			
Week 28 – 22.4.2024			
Week 29 – 6.5.2024			
Week 30 – 13.5.2024			
Week 31 – 20.5.2024			
Half term			
Week 32 – 3.6.2024	The Music Industry	Guide to the Music Industry https://www.youtube.com/watch?v=u2Pxxsl5t7o Guide to being an A&R https://www.youtube.com/watch?v=vK9zU-3ZTy8	Can you identify all the different roles in the Music industry and explain what they do?
Week 33 – 10.6.2024			
Week 34 – 17.6.2024			
Week 35 – 24.6.2024			
Week 36 – 1.7.2024			
Week 37 – 8.7.2024			
Week 38 – 15.7.2024			



Subject: Core PE

Summary Striking and Fielding

In PE we aim to provide an enriched and broad curriculum which gives pupils the; knowledge, skills, passion and independence to participate in a wide range of activities competitively. We offer a curriculum that is ambitious, tangible and one that will inspire, giving pupils the confidence and desire to continue to be physically active beyond Yardleys. Furthermore, we ensure we also provide a curriculum committed to nurturing responsible individuals with a deep understanding of the lifelong benefits of good health and fitness, where pupils leave endeavouring to develop good lifestyle habits to secure lifelong personal health.

TERM 3	Teaching Focus	Possible activities at home		
		Watch	Read/Listen	Discuss
Striking and Fielding (softball, rounders, cricket)	<p>What are the fielding positions in your activity?</p> <p>What are the specific techniques involved with batting in your activity?</p> <p>What are the specific techniques involved in bowling in your activity?</p> <p>What tactics can you use to increase your chance of victory as a fielding team?</p> <p>What tactics can you use to increase your chance of victory as a batting team?</p>	<p>Rounders useful information: https://www.youtube.com/@roundersengland</p> <p>Cricket useful information: https://www.youtube.com/@CoachCricXI</p> <p>Softball useful information: https://www.youtube.com/@WBSC</p>	<p>Sports books in school library</p> <p>Sporting podcasts</p>	<p>Research different tactics for batting and fielding. Discuss with your parents what your favourite tactic is, why you think it is most effective and when you would use it during a game.</p>



Subject: OCR Sport Science

Summary/Curriculum Intent: To provide an enriched and broad curriculum which gives pupils the; knowledge, skills, passion and independence to participate in a wide range of activities competitively. A curriculum that is ambitious, tangible and one that will inspire, giving pupils the confidence and desire to continue to be physically active beyond Yardleys. A curriculum committed to nurturing responsible individuals with a deep understanding of the lifelong benefits of good health and fitness, where pupils leave endeavouring to develop good lifestyle habits to secure lifelong personal health.

In this term OCR students will be studying **Nutrition and Sports Performance**

Unit Number Topic Area	Teaching Focus	Possible activities at home		
		Watch	Listen/read	Discuss/research
R183 Topic Area 1 Nutrients needed for a healthy, balanced nutrition plan.	Characteristics of a balanced nutrition plan	https://www.youtube.com/watch?v=a-084pql05U	https://www.bbc.co.uk/bitesize/topics/z7x78xs/articles/zppvv4j	Research the characteristics of a balanced diet.
	The role of nutrients in sports and their sources	https://www.youtube.com/watch?v=3XMh6f0xB7A	https://www.bbc.co.uk/bitesize/guides/zgvsbk7/revision/2 (page2)	Discuss with your family members how balanced your diets are.
R183 Topic Area 2 Applying differing dietary requirements to varying types of sporting activity	The dietary requirements of endurance/aerobic activities	https://www.youtube.com/watch?v=u3Pux_Xa_rs	https://www.bbc.co.uk/bitesize/guides/zgvsbk7/revision/3 (page 3)	Research the role of each of the following: Carbohydrates Fats Proteins Fibre Water Vitamins & minerals
	The dietary requirements of short intense/anaerobic activities	https://www.youtube.com/watch?v=jDSuboXYVc	https://exceednutrition.com/nutrition-for-strength-training/	Discuss with your family... Do you eat a variety of foods that include all of these nutrients?
	The dietary requirements of strength-based activities			

<p>R183 Topic Area 3 Developing a balanced nutrition plan for a selected sporting activity</p>	<p>How to design and develop a balanced nutrition plan</p> <p>Key factors when considering the success / impact of a nutrition plan</p>	<p>https://www.youtube.com/watch?v=Gmh_xMMJ2Pw</p> <p>https://www.youtube.com/watch?v=WB4vF5Wc0c0</p>	<p>https://www.webmd.com/diet/features/how-to-design-your-own-diet</p> <p>https://www.opexfit.com/blog/5-factors-that-influence-a-successful-diet</p>	<p>Research the 2 main different types of diet plan - weight loss and building muscle. Discuss the main differences between the 2 types of plan.</p> <p>Discuss the 5 factors that influence a successful diet</p>
<p>R183 Topic Area 4 How nutritional behaviours can be managed to improve sports performance</p>	<p>The effect of overeating on sports performance</p> <p>The effects of undereating on sports performance</p> <p>The effect of dehydration on sports performance</p>	<p>https://www.youtube.com/watch?v=f-s4Ghg6nwk</p> <p>https://www.youtube.com/watch?v=Kh5IESd1nNk</p> <p>https://www.youtube.com/watch?v=mve0mVu5y5A</p>	<p>https://www.healthline.com/nutrition/overeating-effects</p> <p>https://healthyeating.sfgate.com/not-eating-affect-athletes-performance-2464.html</p> <p>https://www.spoonerpt.com/spooner-blog/effects-dehydration-athletic-performance/</p>	<p>Research the effects that overeating can have on an individual and then talk about how these might be worse for a sports player?</p> <p>Research why athletes are prone to eating disorders. Why do you think this might be the case?</p> <p>Discuss the symptoms and affects that dehydration can have on an individual and then discuss how these might be worse for an athlete.</p>



Subject: Religious Studies (year 10)

Summary: Islam Practices

TERM 3 Week/ Time	Teaching Focus	Possible activities at home		
		Watch	Read	Discuss
Week 1 – 8 th April	The Shahadah and Salah	https://www.youtube.com/watch?v=q_WEa9lobml	https://www.bbc.co.uk/bit esize/guides/zhbpfw/revis ion/2	What are two Islamic beliefs expressed in the Shahadah?
Week 2 – 15 th April	Salah and Du'a Jummah and Ra'kah Sunni and Shia differences in Salah	https://www.youtube.com/watch?v=Mq91mv0rWEE		What is the difference between salah and du'a? What is meant by the rak'ah?
Week 3 – 15 th April	Sawm and Laylat al-Qadr		https://www.bbc.co.uk/bit esize/guides/zhnhsrd/revis ion/7	How does Laylat al Qadr link to Sawm?
Week 4 – 22 nd April	Zakat and Khums		https://www.bbc.co.uk/bit esize/guides/zhbpfw/revis ion/4	What is the difference between Zakat and Khums?
Week 5 – 29 th April	Hajj DIP - Comparing Hajj and Sawm	https://www.youtube.com/watch?v=Ok7-mB62xeE		How does fulfilling Hajj and Sawm show dedication to God?
Week 6 – 6 th May	Greater and Lesser Jihad	https://www.youtube.com/watch?v=AmcCrq6flr0	https://www.bbc.co.uk/bit esize/guides/zhbpfw/revis ion/6	What are examples of greater and lesser jihad?
Week 7 – 13 th May	Festivals of Eid ul Fitr and Eid ul Adha	https://www.youtube.com/watch?v=qFU9Cb0D6lo https://www.youtube.com/watch?v=ahzGRQO_vao		To what extent do you think Muslims today consider the meaning behind these festivals when celebrating them?
Week 8 – 20 th May	Islamic schism recap, Karbala and Ashura festival		https://academickids.com/encyclopedia/index.php/Battle_of_Karbala	What are three ways Muslims remember the Battle of Karbala during the festival of Ashura?
Week 9 – 3 rd June	DIP – comparing festivals		https://economictimes.indiatimes.com/news/how-to/whats-eid-why-it-come-twice-a-year-and-what-happens-on-eid-here-is-everything-about-the-islamic-festival/articleshow/99657754.cms?from=mdr	How are the two Eid's celebrated in different ways and why are they both celebrated?
10 th June	Improvements and revision			