



Yardleys
School

WORKING TOGETHER FOR A BETTER FUTURE

Supporting Learning at Home

2023/24

Year 8 – 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.

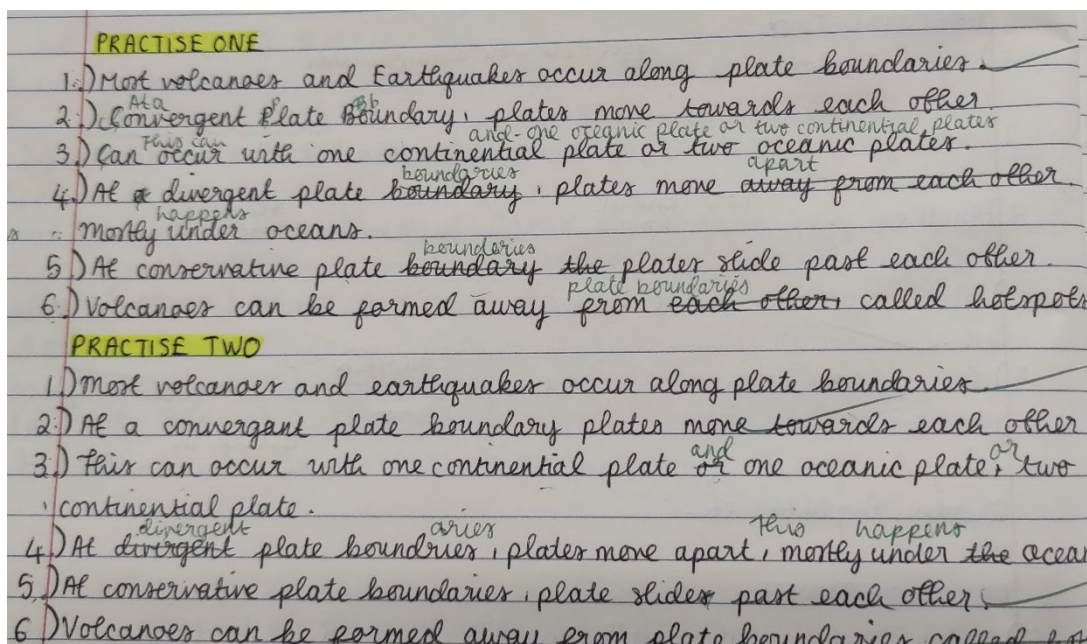
3) Look, Cover, Write, Check

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 8 CURRICULUM

Subject	Term 1		Term 2		Term 3	
English	Poetry: Power Anthology / Transactional and Imaginative Writing		'The Merchant of Venice'	Long Writing: Power Gone Wrong	Prose: Choice of Novel and Imaginative Writing	
Math	Factors Multiples and Primes Probability Calculating with Mixed Numbers Working with Decimals	Ratio Calculations Speed Calculating with Percentages	Negative Numbers Expanding, Simplifying and Factorising Scale Factor and Enlargement	Solving Equations Circles	Area of Trapezia and Compound Shape Angles and Properties of Triangles and Quadrilaterals Volume and Nets of Prisms	Averages and Frequency Tables Linear Sequences and Graphs Translation and Column Vectors
Science	Light and Sound Environmental Chemistry		Influences on Life Electricity and Magnetism		Atmospheric Chemistry Cycles of Life	
Geography	Coastal landscapes and Megacities Atmospheric hazards and China		Volcanic hazards and Population studies Climate Change and Resource management		Local area fieldwork and Hot desert ecosystems Energy mix and Earthquakes	
History	The Tudors and the Reformation Early Modern England		Mughal Empire Creation of the British Empire American Revolution Britain's role in the transatlantic slave trade		The Scramble for Africa The First World War	
RE	Was Jesus the true Jewish Messiah?		How can Jesus be understood through the Trinity and other Christian practices?		An exploration of diversity within Islam.	

Subject	Term 1		Term 2		Term 3	
MFL	Sport and my free time		Holidays		Going out and in town	
Computing	Computer Systems Networks		Developing for the web Representations		App development Introduction to Python	
Music	Controversy in Music		Connections in Music		Masterworks	
Drama	Melodrama/Greek Theatre		Evacuees		Blood Brothers	
Art	Mixed Media & Zentangle Pattern		Realism & Watercolour painting		Independent Architecture Brief	
Design and Technology	Designing for People	Design Development	Production and Industry	Making 1	Making 2	Food, Cooking and Nutrition
Physical Education	Rotation of: Invasion Games Rugby Football Netball Net and Wall Games Badminton Accurate replication and exploring compositional ideas				Rotation of: Striking and Fielding Cricket and Rounders Performing at maximum levels Athletics	

Subject	Term 1	Term 2	Term 3
	Gymnastics and Dance Fitness and problem solving Components of fitness		

Academic Year 2023-24

Subject: Maths Year 8 Summer Term

At Yardleys, we want our pupils to see Mathematics as a universal language that allows us to conceptualise and communicate ideas clearly across the curriculum and beyond. Throughout our curriculum, we develop mathematicians that are empowered with the knowledge & strategies to reason, generalise and simplify complex problems into their composite parts. Our pupils are fluent in the key mathematical processes so that they may become flexible and creative problem solvers that are resilient when faced with challenges.

Week/Time	Teaching Focus	Possible activities at home	
		Watch, Listen & Make Notes	Discuss
Week 1 - 8.4.2024	Area of trapezium	https://corbettmaths.com/2012/08/02/area-of-a-trapezium-video/	What's the formula for the area of a trapezium? What's the important thing to remember about "a" and "b" in that formula?
Week 2 – 15.4.2024	Area of compound shapes	https://corbettmaths.com/2012/08/02/area-of-compound-shapes/	How many different area formulae do you know? Draw each shape and label the sides/numbers you need. Are there some sides that you can ignore?
Week 3 – 22.4.2024	Angles and Properties of Triangles	https://corbettmaths.com/2012/08/09/types-of-triangles/	Draw and label the different types of triangles. What is the same/different about each one?
Week 4 – 29.4.2024	Angles and Properties of Quadrilaterals	https://corbettmaths.com/2013/12/21/names-of-quadrilaterals-video-2/	What's the difference between a parallelogram and a trapezium? Draw them, labelling the important sides.
Week 5 – 6.5.2024	Nets	https://corbettmaths.com/2013/12/23/nets-2/	How many ways can you make a net for a cube? What about a cuboid?
Week 6 – 13.5.2024	Volume	https://corbettmaths.com/2013/04/20/volume-of-a-prism/	What is a prism? Name and draw as many different prisms as you can.
Week 7 – 20.5.2024	Averages	https://corbettmaths.com/2012/08/02/the-mean/	What's the difference between the mean, the median and the mode? When do you use each one?
Half term		Watch, Listen & Make Notes	Discuss
Week 8 – 3.6.2024	Frequency tables	https://corbettmaths.com/2012/08/19/means-from-frequency-tables/	What does the word frequency mean? How can you find the mean, mode and range from a frequency table?
Week 7 – 10.6.2024	Linear sequences	https://corbettmaths.com/2012/08/20/the-nth-term-for-linear-sequences/	How do you find the nth term (position to term) rule for a sequence?
Week 8 – 17.6.2024	Linear graphs	https://corbettmaths.com/2012/12/23/drawing-graphs-using-xy-tables/	What do linear graphs look like? How do you make one?
Week 9 – 24.6.2024	Revision	Sit with your child and make a revision timetable that includes the topics covered this half term. Use the links above and their exercise book to help you. Find any questions from their weekly quizzes that they couldn't do and focus on them. Make sure your child asks their teacher if there is any further help they need.	
Week 10 – 1.7.2024			
Week 11- 8.7.2024	Translation	https://corbettmaths.com/2012/08/10/transformations-translations/	Which directions will a shape move if I translate it by the vector $\begin{pmatrix} 2 \\ -3 \end{pmatrix}$ what about $\begin{pmatrix} -2 \\ 3 \end{pmatrix}$
Week 12 15.7.2024	Translation	https://corbettmaths.com/2012/08/10/transformations-translations/	What changes and what stays the same when we translate a shape?



Subject: Science

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/Research
Summer 1	<p>Atmospheric Chemistry</p> <p>This topic is about the science of atmospheric chemistry – how particles in chemical reactions affect the atmosphere. The sub topics we cover include Earth’s atmosphere, the green house effect and global warming, pollutants and acid rain.</p>	<p>Acid Rain</p> <p>This program will try and explain what acid rain is, where it comes from and what we can do about it.</p> <p>(Clickview) https://online.clickview.co.uk/exchange/videos/77900/acid-rain-the-silent-crisis</p>	<p>Greenhouse Effect and Global Warming</p> <p>In this program, discover how human-driven activities have led to changes in animal populations and ecosystems, an increase in air pollution, a depletion of the ozone layer, and global climate change. Learn what we can do to reduce the impact on Earth's systems.</p> <p>(Clickview) https://online.clickview.co.uk/libraries/videos/50800676/human-impact-on-earth-s-systems-and-global-warming</p>	<p>What are the impacts of global warming? Why is this a future concern? Are there any solutions?</p> <p>Discuss a recent natural disaster which has taken place around the world. How has this had an impact on people’s lives who have been affected?</p>
Summer 2	<p>Cycles of Life</p> <p>This topic is about how all living things depend upon the sun for their energy, that organisms interact with each other passing energy and nutrients around ecosystems, and that humans are disturbing ecosystems and having negative effects on complex environments.</p>	<p>Visit the Indian rainforest to look at the plants and animals living in the different layers.</p> <p>(Clickview) https://clickv.ie/w/a8Hu</p> <p>Plants and animals rely on each other for food and energy. This programme explains how animals and plants within an ecosystem are all interconnected.</p> <p>(Clickview) https://clickv.ie/w/e8Hu</p>	<p>This clip examines some of the most dramatic and destructive ways in which people have impacted ecosystems.</p> <p>(Clickview) https://clickv.ie/w/x8Hu</p> <p>After one of the hottest years on record, Sir David Attenborough looks at the science of climate change and potential solutions to this global threat.</p> <p>(Clickview) https://clickv.ie/w/38Hu</p>	<p>Discuss some of the destructive ways in which humans have impacted ecosystems</p> <p>Discuss some of the potential solutions to climate change.</p>



Subject: Art

Our curriculum is designed to develop creative learners and thinkers who are prepared for life beyond Yardleys School and to nurture the designers, engineers and architects of a more sustainable world. Creative Design will allow pupils to individually express themselves, give personal responses to concepts and themes and solve real word problems using practical solutions. A key aim is to ensure that students are able to self-reflect and experience a feeling of being proud and have a sense of accomplishment in the work they produce. Students are also encouraged to take risks and question the world around them by understanding that design is all around us. Students will also be able to appreciate the cultural and therapeutic benefits of Art.

In this term, students in Year 8 will be studying modern artists who use social media as their key promotion tool. The curriculum is designed to design a character using materials such as watercolours and acrylic markers, promote a product that is merchandise of that character through digital software and create the character using 3D competencies.

Week/Time	Teaching Focus	Possible activities at home
		Watch
Week 1 – 15.04.24	Character design in the style of artists Vexx & Gawx	https://www.youtube.com/watch?v=Wm-uXn8YwgM https://www.youtube.com/watch?v=ztRD2mu0nqQ
Week 2 – 22.04.24	Apply watercolour to character design	https://www.youtube.com/watch?v=C8iKj4pfqAA
Week 3 – 29.04.24	Continue with application of watercolour	
Week 4 – 6.05.24	Apply finer details using colour pencil to character	https://www.youtube.com/watch?v=C8iKj4pfqAA https://www.youtube.com/watch?v=3U1XKsV8na0
Week 5 – 13.05.24	Finalise character and outline with a fine-liner	
Week 6 – 20.05.24	Begin poster outline to promote character.	
Half term		
Week 7 – 3.06.24	Outline poster outline ready to be scanned.	
Week 8 – 10.06.24	Create digital poster using the 'bucket tool' on Photoshop.	https://www.youtube.com/watch?v=h4zXcVTRtWo&t=211s
Week 9 – 17.06.24	Assessment – Complete digital poster to promote character.	https://www.youtube.com/watch?v=h4zXcVTRtWo&t=211s
Week 10 – 24.06.24	Apply Vexx & Gawx doodles to card Lamborghini.	https://www.youtube.com/watch?v=p9_Bcu4J9hl
Week 11 – 1.07.24	Complete Vexx & Gawx inspired Lamborghini.	
Week 12- 8.07.24	Whole school Assessment Week	



Academic Year 2023-24

Subject: Year 8 Computing

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/Time	Teaching Focus	Possible Activities at Home		
		Watch and Read	Read	Discuss
App Development				
Week 26 – 8.4.2024	Decomposition of An Application	https://www.youtube.com/watch?v=8HFqzzZxV9k	https://www.bbc.co.uk/bitesize/guides/zqafyrd/revision/1	What is 'decomposition'? Why is 'decomposition' important?
Week 27 – 15.4.2024	Develop Your First App	https://teachers.thenational.academy/lessons/app-for-that-69k68r	https://www.bbc.co.uk/bitesize/articles/zxgq7ty#zqvqxg8	What are a 'success criteria'? Why do Developers need success criteria in place when working on a project?
Week 28 – 22.4.2024	The Concept Of Event-Driven Programming	https://teachers.thenational.academy/lessons/tappy-tap-app-6tjkjd	https://www.bbc.co.uk/bitesize/articles/zxgq7ty#ztcts82	What is 'event-driven programming'? When developing an application, how could event-driven programming help with this?
Week 29 – 29.4.2024	Making A Score Screen On Your App	https://teachers.thenational.academy/lessons/school-lab-studios-6mv3ed	https://www.bbc.co.uk/bitesize/articles/zxgq7ty#zpk8qyc	How do you think score-based games operate? Discuss the benefits of score-based games? What are the advantages and disadvantages of a score-based game?
Week 30 – 6.5.2024	Explore How User Input Is Captured	https://teachers.thenational.academy/lessons/user-input-c5hpaе	https://www.bbc.co.uk/bitesize/articles/zxgq7ty#z37b46f	Where do the results of a user's input get stored? What do you think you must do to link the user's input to the final result?
Week 31 – 13.5.2024	Develop Your App Further	https://teachers.thenational.academy/lessons/app-development-cnh64t	https://www.bbc.co.uk/bitesize/articles/zxgq7ty#zs8s3qt	What key things do you need to consider when you are developing your own application?
Week 32 – 20.5.2024	Evaluate Your App	https://teachers.thenational.academy/lessons/project-completion-6th3jd	https://www.bbc.co.uk/bitesize/guides/zq7ymsg/revision/2	When you evaluate a project, what must you consider? How can you make sure you evaluation is not biased?



Half Term

Introduction to Python Programming

Week 33 – 3.6.2024	The Basics Of Displaying Messages, Assigning Values To Variables, And Receiving Input From The Keyboard	https://teachers.thenational.academy/lessons/first-steps-6ctk4d	https://www.bbc.co.uk/bitesize/guides/zts8d2p/revision/1	How is a user's input linked to the output? What is a variable?
Week 34 – 10.6.2024	Explore Arithmetic Expressions	https://teachers.thenational.academy/lessons/crunching-numbers-6gtked	https://www.bbc.co.uk/bitesize/guides/zts8d2p/revision/2	Can you think of any arithmetic expressions you use throughout your day-to-day life?
Week 35 – 17.6.2024	Using Selection In Our Python Programs	https://teachers.thenational.academy/lessons/at-a-crossroads-cgwkac	https://www.bbc.co.uk/bitesize/guides/zts8d2p/revision/3	What does 'selection' mean and how do you think this is linked to programming?
Week 36 – 24.6.2024	Multi-Branch Selection And While Loops	https://teachers.thenational.academy/lessons/more-branches-cmt32d	https://www.bbc.co.uk/bitesize/guides/z2p9kqt/revision/1	What does it mean by looping a piece of code?
Week 37 – 1.7.2024	Assessment Week			
Week 38 – 8.7.2024	How To Use A Variable As A Counter Within A Loop	https://teachers.thenational.academy/lessons/round-and-round-6cr6ae	https://www.bbc.co.uk/bitesize/guides/z3khpv4/revision/1	How are variables and loops linked? Discuss the benefits of writing a short piece of code that would repeat a number of steps?
Week 39 – 15.7.2024	Create Your Own Guess The Number Game Using The Skills Learnt	https://teachers.thenational.academy/lessons/putting-it-all-together-cthkad	https://www.bbc.co.uk/bitesize/guides/zwmbgk7/revision/1	Could you list all the keywords from this module? Are you able to ask the computer to produce and output based on the input?

Subject: Design and Technology

In Year 8, students studying Design and Technology will be experiencing a wide range of topics, knowledge and skills in their lessons. The year will be divided into seven units that each focus on specific knowledge. Pupils will be doing different units at different times of the year so you need to ask them what DT unit they are working on and then look at the resources below that will support your child in DT.

Unit Title	Classroom Teaching Focus	Questions for Discussion at Home and Additional Learning Resources	
		Watch or listen	Discuss together
Unit 1	'Designing for People': <ul style="list-style-type: none"> Needs of the User Creativity/ Inspiration Research 	"This is D&T" https://www.youtube.com/watch?v=8dBALi2fyS0 "Why do We need D&T?" https://www.youtube.com/watch?v=4LSEDVSAp4	What products do you have in your home? Why did you choose those products? How important is design in your home?
Unit 2	'Design Development': <ul style="list-style-type: none"> Presenting ideas Computer Aided Design (CAD) 	"Developing Designs" https://www.youtube.com/watch?v=gCPyGrEYTeY https://youtu.be/x6DTIMZ58pc	Sketch some ideas for a new product that could be used at home.
Unit 3	'Production and Industry': <ul style="list-style-type: none"> Industrial practices Computer Aided Manufacture (CAM) 	How products are made: https://youtu.be/Syf1vGOjOvU https://youtu.be/IndP2IKXTP0 https://youtu.be/th3F5mW-Z30	What products at home have been mass-produced? Do you have any custom products?
Unit 4	'Making and Manufacture': <ul style="list-style-type: none"> Choosing and testing materials 	"Properties of Materials": https://www.youtube.com/watch?v=340MmuY_osY "How Plywood is Made": https://www.youtube.com/watch?v=LrCt5kJwcyw	How many different materials can you list at home?
Unit 5	'Making and Manufacture': <ul style="list-style-type: none"> Shaping, Joining and Finishing materials 	"How Things Are Made": https://www.youtube.com/watch?v=Um_g8sQ_p3Y	How many different manufacturing processes can you find at home?
Unit 6	'Systems and Control': <ul style="list-style-type: none"> Electronic components Making circuits Testing circuits 	"How Electricity Works": https://www.youtube.com/watch?v=mc979OhitAg	How many electronic gadgets do you have at home?



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	Blood Brothers Exploration of social/cultural factors within the play text. Comparisons of the 2 mothers with focus on the Relationship dynamics.	Blood Brothers; Introduction and Overview. https://www.bbc.co.uk/bitesize/guides/ztpdbk7/revision/1 Blood Brothers Context and summary (Pages 1-32) https://www.illuminatepublishing.com/wp-content/uploads/samples/Blood_Brothers_Play_Guide_for_AQA_GCSE_Drama/32/Genre, Style, Key characters, Social Class https://park.academies.aspirationsacademies.org/wp-content/uploads/sites/12/2020/06/Year-10-Blood-Brothers-Work.pdf		
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	Blood Brothers Exploration of social/cultural factors within the play text. Whole class performance of Play text.	Techniques on show in performance. https://quizlet.com/138053981/blood-brothers-dramatic-techniques-flash-cards/ Lighting Design https://www.bbc.co.uk/bitesize/guides/zhg7kmn/revision/1 Sound design https://www.bbc.co.uk/bitesize/guides/zmx3pg8/revision/1 Costume Design https://www.bbc.co.uk/bitesize/guides/zdwp2sg/revision/1		
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: MFL – French – Year 8

In this term students in Year 8 will learn how to describe their environment and give directions.

Login for Linguascope:
www.linguascope.com
Username: yardleys
Password: europe2

TERM 3 Week/Time	Teaching Focus	Possible activities at home		
		Watch	Play and Interact	Discuss
Week 26 – 8.4.24	Places in town	<p>Asking and giving directions: https://www.youtube.com/watch?v=9DPiY2dt0Cc</p> <p>Town & Directions: https://www.bbc.co.uk/bitesize/articles/zbqkvk7</p>	<p>Linguascope: Beginners – environnement – en ville ; environnement – les magasins</p> <p>Username: yardleys Password: europe2</p>	<p>Where can you go and who can you ask for directions when you are in a new city/ country?</p>
Week 27 – 15.4.24	Say where you like to go			
Week 28 – 22.4.24	Saying where places are in your town			
Week 29 – 29.4.24	Directions			
Week 30 – 6.5.24	Asking and giving directions			
Week 31 – 13.5.24				
Week 32 – 20.5.24	Arranging to go out			
Half term				
Week 33 – 3.6.24	Revision of previous content	<p>Places in town: https://www.youtube.com/watch?v=bHKLTS4E3Cc</p>	<p>Linguascope: Beginners – moi et ma famille – les vêtements</p> <p>Username: yardleys Password: europe2</p>	<p>You have a family member visiting for the first time, what could they do in your town/city?</p>
Week 34 – 10.6.24	Giving excuses			
Week 35 – 17.6.24				
Week 36 – 24.6.24	Describe a day in town			
Week 37 – 1.7.24	Assessment week			
Week 38 – 8.7.24	What you wear to go out			
Week 39 – 15.7.24	Assessment feedback			



Subject: MFL – Spanish – Year 8

In this term students in Year 8 will learn how to describe their environment and give directions. Tenses will be reinforced and they will learn about the formation of stem-changing verbs.

Login for Linguascope:

www.linguascope.com

Username: yardleys

Password: europe2

TERM 3 Week/Time	Teaching Focus	Possible activities at home		
		Watch	Play and Interact	Discuss
Week 1 – 8.4.24	What your town is like	Asking and giving directions: https://www.youtube.com/watch?v=VGRnxwWUHbY	Linguascope: Beginners – mi mundo – en la ciudad; mi mundo – las tiendas Login for Linguascope: www.linguascope.com Username: yardleys Password: europe2	Where can you go and who can you ask for directions when you are in a new city/country?
Week 2 – 15.4.24	Places in town			
Week 3 – 22.4.24	DIP Task and feedback			
Week 4 – 29.4.24	Directions			
Week 5 – 6.5.24	Where you are going			
Week 6 – 13.5.24	Plans for the weekend			
Week 7 – 20.5.24	DIP task and feedback			
Half term				
Week 8 – 3.6.24	Arranging to go out	Describing future plans: https://classroom.thenational.academy/lessons/describing-future-plans-cnk3gr	Linguascope: Beginners – la vida cotidiana – la hora Login for Linguascope: www.linguascope.com Username: yardleys Password: europe2	Where is a safe place for young people to meet up and hang out ? Where do Spanish young people go to socialise with friends ?
Week 9 – 10.6.24	Giving excuses			
Week 10 – 17.6.24	Completion of week 8 and 9			
Week 11 – 24.6.24	Revision and listening assessment			
Week 12 – 1.7.24	Whole-school assessment week			
Week 13 – 8.7.24	Produce your own leaflet about your local area			
Week 14 – 15.7.24	Assessment feedback			



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 8 will focus on four different topics. Before half term we will look at hot desert ecosystems and the animals and plants that call this biome home followed by a look at a more local biome - a temperate deciduous forest. After half term we will take a look at earthquakes as a tectonic hazard and how the UK produces its electrical energy.

TERM 3 Week/Time	Teaching Focus	Possible activities at home		
		Watch	Read	Discuss
Week 26 – 8.4.2024	What is the flora and fauna of a temperate deciduous forest? How do we ask appropriate local fieldwork questions?	Life on Earth - Seasonal Forests (Sir David Attenborough) iPlayer link Forest food webs YouTube link	Global biomes recap BBC bitesize Carrying out fieldwork and independent investigations link	What animals live in our local forests? Why is that their habitat? How do we safely carry out fieldwork?
Week 27 – 15.4.2024				
Week 28 – 22.4.2024	What is the climate in a hot desert? How are people, animals and plants adapted to life in this biome?	Planet Earth - Deserts (Sir David Attenborough) iPlayer link Life in the Thar Desert YouTube link	BBC Bitesize - hot deserts hyperlink Hot deserts - a summary (Challenging!) link	How is the climate in the Sahara and the UK different? How do animals adapt to their climate?
Week 29 – 6.5.2024				
Week 30 – 13.5.2024				
Week 31 – 20.5.2024	What is the UK's energy mix?	See below	See below	See below
Half term				
Week 32 – 3.6.2024	How should we generate electricity?	The green energy scandal (Challenging!) iPlayer link	UK energy resources BBC bitesize National grid live hyperlink	What is the difference between renewable and non-renewable energy?
Week 33 – 10.6.2024				
Week 34 – 17.6.2024	How does an earthquake start? How do you survive an earthquake?	The most devastating earthquakes in History YouTube link	Tectonic hazards - earthquakes and tsunamis BBC bitesize	Can we predict earthquakes? How do we prepare?
Week 35 – 24.6.2024				
Week 36 – 1.7.2024				
Week 37 – 8.7.2024	Revision and writing prep for the end of year assessments	Exam revision tips YouTube video	BBC Bitesize study support tips Hyperlink	How have you revised for tests in the past? What worked well for you?
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 8 will be looking at the causes of the First World War, the experiences of fighting, and the British home front. They will also start looking at the suffragettes.

TERM 3 Week/Time	Teaching Focus	Possible activities at home		
		Watch	Read	Discuss
Week 26 – 8.4.2024	Causes of the First World War	Simple History – What caused the First World War? How did WW1 start?	BBC Bitesize – Why did World War One start? History Channel - Causes	Was the war the fault of one country? Which one?
Week 27 – 15.4.2024				Which cause was the most important?
Week 28 – 22.4.2024				
Week 29 – 6.5.2024	Stories of the First World War	Epic History TV – World War One Indian Army Chinese Labour Corps	<ul style="list-style-type: none"> • Five things you need to know about the First World War • Why the Indian soldiers of WW1 were forgotten • Algerian Soldiers • Chinese Labour Corps 	How is the First World War different to other wars we have studied?
Week 30 – 13.5.2024				Which new weapons were used in this war?
Week 31 – 20.5.2024				Which group of soldiers faced the greatest hardships?
Half term				
Week 32 – 3.6.2024	Birmingham during the First World War	WW1 anniversary melting memorial in Birmingham	Birmingham First World War Resources Birmingham in the First World War	What was Birmingham’s contribution to the First World War?
Week 33 – 10.6.2024				Why do we have Cooper Hall at Yardleys School?
Week 34 – 17.6.2024	Women’s Suffrage	Suffragettes with Lucy Worsley (BBC iPlayer) How the suffragettes won British women the vote 100 Years of the Women’s Movement – BBC Teach (YouTube)	Letter bombs and IEDs: Were the suffragettes terrorists? – Sky News Were extreme suffragettes regarded as terrorists? – BBC News	Do you think the suffragettes were terrorists or not?
Week 35 – 24.6.2024				Can violence ever be justified to achieve a goal?
Week 36 – 1.7.2024	Revision, assessment and feedback			
Week 37 – 8.7.2024				
Week 38 – 15.7.2024				



Subject: Music

- Music forms an integral part of an individual’s identity, and we will therefore look to integrate music from students’ lives into the music that we teach, whilst also maintaining the integrity of the subject by presenting masterworks and cultural milestones that carry a musical legacy.
- Music relies on a shared set of skills and vocabulary: this will be promoted to students by methodical integration within schemes of work, as well as well-designed classroom environments that are designed to inform and empower students.
- We aim to allow every student that leaves the department after KS3 to consider themselves a musician.
- In this term students in Year 8 will be studying **Masterworks**

TERM 1 Week/Time	Teaching Focus	Possible activities at home	
		Watch	Discuss
Week 26 – 8.4.2024	Masterworks These are pieces of music that have stood the test of time and become culturally significant. You will learn about 4 pieces that have changed the world, and the musicians behind them, as well as learning to play "What's Going On?" By Marvin Gaye.	What’s Going On – Marvin Gaye https://www.youtube.com/watch?v=H-ka3UtBj4M	What makes these songs stand out from the crowd? How do these songs use structure to convey their messages?
Week 27 – 15.4.2024		The Rite of Spring – Stravinsky https://www.youtube.com/watch?v=NQQR-GU14sQ	
Week 28 – 22.4.2024			
Week 29 – 6.5.2024		Dancing Queen – ABBA https://www.youtube.com/watch?v=xFrGuyw1V8s	
Week 30 – 13.5.2024			
Week 31 – 20.5.2024		3 Lions (Football’s Coming Home) – Lightning Seeds https://www.youtube.com/watch?v=RJqimlFcJsM	
Half term			
Week 32 – 3.6.2024	Students will be performing ‘What’s Going On’ on keyboards.	What’s Going on – Score and music. https://www.soundslice.com/slices/BWBMc/?from=search	Where does the tune repeat?
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: Religious Studies (year 8)

Summary: A study of Islamic Schisms.

TERM 3 Week/ Time	Teaching Focus	Possible activities at home		
		Watch	Read	Discuss
Week 1 – 8 th April	Why is the prophet Muhammad seen as the last and final prophet for Muslims?		https://www.biography.com/religious-figures/muhammad	What does it mean for Muhammad to be called the 'seal' of the prophets?
Week 2 – 15 th April	DIP – Sunni and Shia schism. Why did Muhammad's death cause disagreements in the Islamic community?		https://www.npr.org/sections/parallels/2007/02/12/7332087/the-origins-of-the-shiite-sunni-split	What were the main disagreements that arose after the prophet Muhammad died?
Week 3 – 15 th April	Who are the four rightly guided caliphs and what happened to each of them?	https://www.youtube.com/watch?v=BzhQ32zZYM8		What would you regard to be the biggest achievement of each Islamic caliph?
Week 4 – 22 nd April	Ali as the first Imam		https://www.bbc.co.uk/bitesize/guides/zr4r97h/revision/4#:~:text=Imamate%20is%20a%20Shi'a,God%20to%20be%20Muhammad's%20successors	How do Sunni and Shia Muslims regard the Imamate differently and why?
Week 5 – 29 th April	The figure of the Al Mahdi in Islam – Sunni and Shia differences	https://www.al-islam.org/media/shia-belief-imam-mahdi-enquiries-about-shia-islam-1247	https://en.al-shia.org/imam-mahdi-in-the-sunni-islam/	What are two different understandings of the Al Mahdi in Sunni and Shia Islam?
Week 6 – 6 th May	The death of Husayn at Karbala		https://kids.kiddle.co/Husayn_ibn_Ali	What are two ways Muslims remember the death of Husayn each year?
Week 7 – 13 th May	Sunni and Shia differences in practicing pillars		https://www.bbc.co.uk/bitesize/guides/zdcyb82/revision/1#:~:text=All%20Muslims%20follow%20the%20Five,called%20the%20Ten%20obligatory%20Acts.	What are two differences in the ways Sunni and Shia Muslims practice the Five Pillars of Islam?
Week 8 – 20 th May	Sufi Islam and mysticism	https://www.youtube.com/watch?v=1EQtaQYpzTw		Can you explain what is meant by mysticism in Sufi Islam?
Week 9 – 3 rd June	Dip – 30 question quiz			
10 th June	Sharia law		https://kids.britannica.com/kids/article/Shari%CA%BFah/571645	