

The Cherwell School

Opportunity, Responsibility, Excellence



THE CHERWELL SCHOOL

YEAR 8
HOME STUDY BOOKLET
Summer 2020

ART, DESIGN + TECHNOLOGY

Preparing for Year 9 Art

Dear Y8 Students,

Please find below a range of activities that you could complete this summer. This work will help to prepare you for Year 9 Art when our focus will be on 'Pattern'.

Year 8 Art		TASKS
Some-thing to read/look at	<ul style="list-style-type: none"> • The history of The Alhambra Palace https://www.alhambra.degranada.org/en/info/historicalintroduction.asp • Artistic introduction to The Alhambra Palace https://www.alhambra.degranada.org/en/info/artisticintroduction.asp • Alhambra Palace Photo Gallery https://www.alhambra.degranada.org/en/info/galleryofphotographs.asp • Owen Jones and the Grammar of Ornament https://www.vam.ac.uk/articles/owen-jones-and-the-grammar-of-ornament 	<ol style="list-style-type: none"> 1) Read the articles detailing the history and artistic introduction to The Alhambra Palace in Granada, Spain. 2) Look at the different sections of the photo gallery to discover more about The Alhambra Palace and the patterns covering it. 3) Read about how Owen Jones, architect and designer, studied the Islamic decoration at The Alhambra Palace. 4) Make any notes and sketches that you want to regarding any aspects of the palace and decoration that interests you.

Preparing for Year 9 Design

Dear Y8 Designers,

Please find below a range of activities that you could complete this summer. This work will help to prepare you for Y8 Design. The activities will introduce you to the works of the Bauhaus and designer Marcel Breuer, their life and some wider context of the design. Feel free to explore any other elements of the Bauhaus design movement that you find interesting and we have included a list of some of their famous works, if you would like to explore any.

Year 8 DT		TASKS
Something to read	A background to the Bauhaus school of design.	<ol style="list-style-type: none"> 1) Read https://academickids.com/encyclopedia/index.php/Bauhaus

Year 8 DT		TASKS
Something to watch	The Bauhaus design movement and the designs of Marcel Breuer's Short Chair	1) 100 Years of the Bauhaus https://www.youtube.com/watch?v=ZQa0BajKB4Q&t=3s 2) Marcel Breuer – Short Chair https://www.youtube.com/watch?v=DgBYjvAQraw 3) The making of the short chair https://www.youtube.com/watch?v=S8cQz4rSit8
Something to explore and make:	Make something from paper. Choose one of the following or explore others online	Make paper furniture - https://www.youtube.com/watch?v=j09D_701myw A hinge paper box - https://www.youtube.com/watch?v=e6oM-Nqioyg

CITIZENSHIP (For RS students)

Preparing for Year 9 Citizenship

Dear Y8 RS Students,

Next year you will be starting your GCSE in citizenship. Please find below a range of activities that you could complete this summer. This work will help to prepare you for Y9 Citizenship and our first topic 'Life in Modern Britain'. The activities will introduce you to this topic which will explore the multicultural make-up of Britain, looking at patterns of migration into the UK and how that has shaped different aspects of modern society.

Year 9 Citizenship		TASKS
Something to read	Read: <i>'Life in modern Britain key words'</i>	<ol style="list-style-type: none">1. Read the definitions2. Create poster or set of revision cards to help you remember the key terms
Something to watch	Watch: Migration in Britain https://www.youtube.com/watch?v=c3a82NUFI8s	After watching the short clip, list at least 2 examples per heading <ul style="list-style-type: none">• Historical reasons for immigration• Reasons for Migration after 1945• Main immigrant groups after 1945 and what jobs these groups did
Something to explore	Find out more about Multiculturalism in the UK	Watch these clips to find out more about Multiculturalism in the UK - Past and present Uncovering London's Multicultural past: https://www.bbc.co.uk/newsround/34915063 What is the Windrush Generation? https://www.bbc.co.uk/newsround/43793769 What does being British mean? https://www.bbc.co.uk/newsround/18211612

COMPUTING

Something to read:

Pages 1 – 4

<https://www.bbc.co.uk/bitesize/guides/zqg9q6f/revision/1>

Page 3 & 4

<https://www.bbc.co.uk/bitesize/guides/zxgkxnb/revision/3>

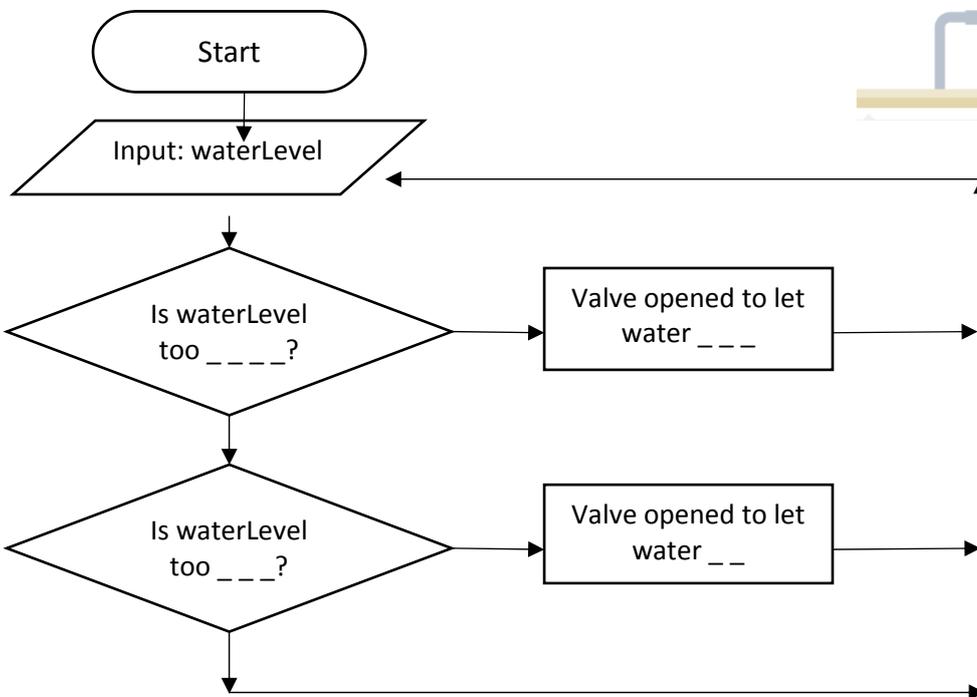
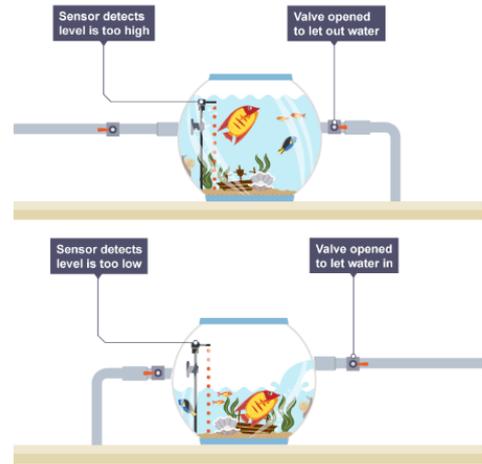
Pages 1-4

<https://www.bbc.co.uk/bitesize/guides/zpw2pv4/revision/1>

Can you complete the flowchart for the fishtank on page 3 of t

You need to:

- complete the conditions in the decision boxes
- add the Yes and No's from the decision symbols
- complete the actions in the process symbols.



Can you **draw flowcharts** for some, or all, of the computer-controlled greenhouse (on page 4 of the final link under the something to read section above).

Something to watch:

Mission Impossible – drop from ceiling into vault scene.

Tom Cruise is lowered into a vault that is highly protected from unauthorised access. Can you see what **input sensors** are being used in this scene (the man who is meant to be in the room isn't feeling well, which is why he keeps coming back and forth).

<https://www.youtube.com/watch?v=k-oVuQpjG3s>

<https://www.youtube.com/watch?v=ar0xLps7WSY>

<https://www.youtube.com/watch?v=2wwC9c3iYK4>

Something to explore:

When you are out and about – see if you can find some of these input (sometimes as sensors) devices and output devices in action – computers controlling large devices:

- car park barrier
 - the driver may press a button to let the device know to lift, or it may lift from a pressure sensor
- automatic doors (for example at a supermarket)
 - open with movement of a person in front of them or pressure of a person's weight on the mat in front of them.
- traffic lights
 - either a pedestrian crossing where the pedestrian has pressed the button (input) and the lights change for them
 - or see if you can watch a bus lane – the traffic lights will automatically change when the bus comes, to stop the regular traffic and allow the bus through – this is from a sensor inside the bus and on the traffic lights!
- shopping – card readers when paying with a contactless card – this uses Near Field Communication (NFC), which allows the card to communicate with the computer and input the card details to pay.

What about when you are in the house:

- washing machine
 - watch when the settings are input... and the machine outputs what you have asked for (how hot the water is, how fast the drum spins etc)
- microwave
 - input your settings such as how long you want to cook or defrost the food for... the microwaves computer will process what you have asked for.
- dishwasher
 - watch the settings that are input such as: is it a full or half wash, are the dishes very dirty and need extra hot water – the dishwasher will process what you have asked for (unless that dishwasher is a person in your house and then it is their brain that is processing what needs to be done).
- alarm clock
 - input what time you want it to go off in the morning (probably not at all over the summer holidays...)

Keep looking out for them – you will find many more in everyday life!

DRAMA

Preparing for Year 9 Drama

Dear Y8 Students,

Please find below a range of activities that you could complete this summer. This work will help to prepare you for your Year 9 Drama experience. Had you been at school during Terms 5 & 6 this year, you would have been learning DEVISING skills, techniques and processes. The DEVISING unit 4 would have covered the collaborative working processes required for theatre-making. However, as this has not been possible to do within the current restrictions, you have been encouraged to study the key areas of acting; use of physical and vocal skills, Interactions with other characters and use of space, and character interpretation. Your Week 7 assignment focused on the challenges of creating theatre work for Children's Theatre and the skills needed to keep an audience engaged. Therefore, the work set for Week 8 and the summer continues with this theme. You are being encouraged to start to think like a theatre-maker.

Year 8 Drama		TASKS
Some-thing to read	Reading doc attached in Google Classroom	1. Read the attached introductory reading
Some-thing to watch	Children's Theatre Company https://www.youtube.com/watch?v=2Cy_WyVqSvg Behind the scenes for Children's Theatre https://www.youtube.com/watch?time_continue=612&v=deJ4sHGR0u0&feature=emb_title Staging Children's Theatre: Hansel and Gretel, 2012 https://www.youtube.com/watch?v=AkF8JKh8tvY&t=34s Designing for Children's Theatre, Hansel and Gretel, 2012 https://www.youtube.com/watch?v=enouq81cmVo&t=148s	1. Watch the video 2. Note down any elements of theatre-making you didn't know about. Add anything you want to ask your teacher about next year
Some-thing to explore	www.nationaltheatre.org.uk	1. Head to the National Theatre website where you will find many interesting videos and resources along with reviews of plays and other theatre-related information

We also have a recommended list of other Drama-related clips to watch.

Please note these are entirely optional!

Y9 Additional Viewing Suggestions for Drama below:

National Theatre - Working on the Curious Incident of the Dog in the Night Time by Mark Haddon

<https://www.youtube.com/watch?v=k2bV75ITXJw>

Learning who is Christopher - The central Character in the above play

<https://www.youtube.com/watch?v=BX77tNvMj4Q>

Creating Comedy and Tension

https://www.youtube.com/watch?v=eKoM_dj2fyE

Ensemble Acting

<https://www.youtube.com/watch?v=dAzXWnM47aw>

ENGLISH

Preparing for Year 9 English

Dear Y8 Students,

Please find below a range of activities that you could complete this summer. This work will help to prepare you for Y9 English and our study of *Animal Farm*. The activities will introduce you to the author, his life and some wider context of the novel. Feel free to explore any other elements of George Orwell's life that you find interesting and we have included a list of some of his famous works, if you would like to read any.

Year 8 English	TASKS
Something to read: George Orwell's Biography sheet	<ol style="list-style-type: none">1. Read the biography from start to finish2. Answer the questions provided in full sentences3. Write down any questions you might want to ask your teacher next year
Something to watch Documentary on Orwell: https://www.youtube.com/watch?v=EuVYvkdTYWc	<ol style="list-style-type: none">1. Watch the documentary2. Make any notes that you want to regarding important aspects of his life or any questions you want to ask your teacher
Something to explore Read something dystopian!	Pick one of these dystopian novels and read it! <i>Brave New World</i> by Aldous Huxley <i>1984</i> by George Orwell <i>The Maze Runner</i> by James Dashner <i>The Road</i> by Cormack Macarthy The Road to Wigan Pier: http://www.telelib.com/authors/O/OrwellGeorge/prose/RoadToWiganPier/wiganpierpart_4.html

We also have a recommended reading list. You know we love to read. Please find some of our suggestions below:

Y8 Reading Suggestions

The Red Abbey Chronicles Trilogy by Maria Turtschaninoff. Maresi is a novice in an abbey on an isolated island populated only by women. A new novice arrives, fleeing a violent father. He soon comes looking for her, bringing a boatload of mercenaries who want to pillage the abbey. What can the women do against this and other threats?

Satellite by Nick Lake. Born and raised on Moon 2, Leo and the twins, Orion and Libra, are finally old enough and strong enough to endure the dangerous trip to Earth. They've been "parented" by teams of astronauts since birth. But living there is more dangerous than Leo and his friends could ever have imagined, and their very survival will mean beating impossible odds.

Toffee by Sarah Crossan. Allison has run away from home and finds herself hiding out in the shed of what she thinks is an abandoned house. But the house isn't empty. An elderly woman named Marla, with dementia, lives there - and she mistakes Allison for an old friend from her past called Toffee. Allison is a girl trying to forget. Marla is a woman trying to remember.

Magisterium series by Holly Black and Cassandra Clare. All his life, Call has been warned by his father to stay away from magic. To succeed at the Iron Trial and be admitted into the vaunted Magisterium school would bring bad things. But he fails at failing. Only hard work, loyal friends, danger, and a puppy await.

We Come Apart by Sarah Crossan and Brian Conaghan. Nicu has emigrated from Romania and is struggling to find his place in his new home. Meanwhile, Jess's home life is overshadowed by violence. When Nicu and Jess meet, what starts out as friendship grows into romance as the two bond over their painful pasts and hopeful futures.

Booked by Kwame Alexander. Twelve-year-old Nick loves soccer and hates books, but soon learns the power of words as he wrestles with problems at home, stands up to a bully, and tries to impress the girl of his dreams.

Thornhill by Pam Smy. 1982: Mary is a lonely orphan at the Thornhill Institute for Children at the very moment that it's shutting its doors. 2017: Ella has just moved to a new town where she knows no one. From her room on the top floor of her new home, she has a perfect view of the dilapidated Thornhill Institute across the way, where she glimpses a girl in the window. This is a haunting exploration of human connection, filled with suspense.

The book of Dust by Philip Pullman. Malcolm's father runs an inn called the Trout, on the banks of the river Thames, and all of Oxford passes through its doors. Malcolm and his dæmon, Asta, routinely overhear news and gossip, and the occasional scandal, but during a winter of never ending rain, Malcolm catches wind of something new. He finds a secret message inquiring about a dangerous substance called Dust--and the spy it was intended for finds *him*.

The Road to Ever After by John Boyne. This is a delightful story of friendship. Young Davy David is an orphan living in a den near the graveyard in a dead-end town. Despite the hardships of his life, he's cheerful, kind and generous. A wonderful comic adventure story that was inspired by a classic Christmas film, *It's A Wonderful Life*

Counting on Leroy by Steve Mills and Hilary Koll. Leroy loves maths. It's just everything else in life that is hard! And then he finds himself on a TV quiz by accident. Can his maths facts save the day?

Wolf Brother by Michelle Paver. Torak is alone: wounded, terrified and on the run. His father lies dead, slaughtered by a demon bear. His only ally is an orphaned wolf cub. This a wonderful adventure novel about true bravehood and friendship.

This One Summer by Jillian Tamaki and Mariko Tamaki. Every summer, Rose goes with her mum and dad to a lake house in Awago Beach. It's their getaway, their refuge. Rosie's friend Windy is always there, too, like the little sister she never had. But this summer is different. Rose's mum and dad won't stop fighting, and when Rose and Windy seek a distraction from the drama, they find themselves with a whole new set of problems. It's a summer of secrets and sorrow and growing up.

Deep Water by Ann Turnbull on should never have skipped school with his friend Ryan - never have taken that boat. Now Ryan is in danger - and only Jon can save him. But Jon is scared. The police are knocking on his door. They know he's lying. Is it too late to tell the truth?

TIPS: If you like a novel, try other novels by the same author or novels of a similar style/genre; recommend books you love to your friends and see what they can recommend to you; use the school library to borrow books too. Dr Bonsaver, the librarian, can help you choose a book to suit you.

FRENCH

Preparing for Year 9 French

Please use this link to access the Y8 French Summer Project on the French google drive

https://docs.google.com/document/d/10A8IYk9bPT2-sx2WDzRQ32lf16a5njA_p50fMYzUUgs/edit?usp=sharing

GEOGRAPHY

Preparing for Year 9 Geography

Dear Y8 Students,

Please find below a range of activities that you could complete this summer. This work will help to prepare you for Y9 studies on Globalisation, Tectonic Hazards and Sustainability. Feel free to explore any other elements of these topics, especially if your friends or families have recommendations of books or articles to read.

Year 8→9		TASKS
Something to read	Article from Geographical on Lithium - links to the units we study on Sustainability and Globalisation	Have a read of the recent journal article on Lithium and make brief notes on how this substance can work to help us form a more sustainable future for the planet
Something to watch	Pompeii: The Last Day https://www.dailymotion.com/video/x7b6b55 Slumming it - https://www.youtube.com/watch?v=lm0tHRs9Bng and https://www.youtube.com/watch?v=l-yjpvzGKZQ Made in Britain - Online Lecture on Globalisation https://www.rgs.org/geography/online-lectures/made-in-britain/	Watch the documentaries and lectures and make brief notes that you want to on Globalisation, and tectonic hazards, focussing on why the people of Pompeii were in danger
Something to explore	The White Tiger – Aravind Adiga	Read the synopsis of the suggested book and see if you have an interest Find them on Amazon or in your local library and have a read!

GERMAN

Preparing for Year 9 German

Dear Yr 8 Students,

Please find below a range of activities that you could complete during the summer:

Year 8 German		TASKS
Some-thing to read	German Texts for Beginners Here are some easy and engaging texts to practise and develop your German reading and comprehension skills. German Reading and Comprehension - Texts for Beginners	<ul style="list-style-type: none">• Read the two short stories entitled 'Ich bin Tom' and 'Frühstück.' by clicking on the following link: https://german.net/reading/• Complete the short comprehension tasks underneath the stories!• If keen, read more short stories!
Some-thing to watch	The story of Cinderella (Aschenputtel) in German with slow audio and English translation: https://www.thefablecottage.com/german/aschenputtel	<ul style="list-style-type: none">• Go to the following link https://www.thefablecottage.com/german/aschenputtel• Turn on "show all translations" and listen to the 15 minute story, using the German transcription and the English translations underneath to help you understand the story. You may want to listen to the story more than once.
Something to explore	Try out Duolingo - The world's best way to learn a language	<ul style="list-style-type: none">• If you have not already done so, try out learning German on the Duolingo website to improve your vocabulary skills!• Create an account on Duolingo, and then join our Cherwell Year 8 German class using the link on the Google classroom.

HISTORY

Year 8 Summer Work

Dear Year 8 Students,

Please find below a range of activities that you could complete this summer. This work will help enrich your knowledge of African history or prepare you for Y9 History and our study of the campaign for women's suffrage (the right for women to vote).

Year 8 into 9 History		TASKS
Something to read	<p>African history Read one of the articles on African or Black Tudor history.</p> <p>Women's suffrage Read the summary of how women gained the right to vote. https://www.bbc.co.uk/bitesize/guides/zy2ycdm/revision/1</p>	<ol style="list-style-type: none"> 1. Read an article on African history or women's suffrage 2. Create a chart or poster that enlightens the reader about interesting facts you have learned
Something to watch	<p>African history 'The Lost Kingdoms of Africa' (4 part series) https://www.youtube.com/watch?v=Mpz8h_MFkWg</p> <p>Women's Suffrage 'Secrets of a Suffragette' https://www.youtube.com/watch?v=llknRGKCKZo</p>	<ol style="list-style-type: none"> 1. Watch as many episodes as you like!
Something to explore	<p>Read or watch a book or film about African or women's history</p>	<p>Books:</p> <p>Black and African history: <i>Black Tudors</i> by Miranda Kaufmann <i>The Fortunes of Africa</i> by Martin Meredith <i>The Long Walk to Freedom</i> by Nelson Mandela</p> <p>Women's history: <i>A history of the World in 21 Women</i> by Jenni Murray <i>Hearts and Minds</i> by Jane Robinson <i>My own Story</i> by Emmeline Pankhurst</p> <p>And/or watch one of these films (with permission from your parents): <i>Mandela, the long walk to freedom</i> (2013) <i>Suffragette</i> (2015)</p>

MATHS

Year 8 : Preparing for Year 9 Maths

Dear Year 8 students

Please find below a range of activities that you could complete this summer. This work will help to prepare you for Y9. The activities will help you finish off Year 8 and also enrich your understanding of the structure of Mathematics.

Complete Something: Log into Hegarty and finish any outstanding work

Think about something: <https://nrich.maths.org/9459> Explore mathematical modelling as part of the nrich program of Thinking Mathematically

Watch something <https://www.youtube.com/watch?v=pb0MSMGSleY> A video about the History of Maths

Explore something: <https://amsp.org.uk/uploads/files/800bd4db6354d20823e0a5b99e0c2b2e.pdf> Can you solve these number puzzles and think about how the 'magic' works?

Enter Something:

The IMA are running their annual summer poster competition, this year with an outdoors/stats theme. Full details can be found here: <https://www.mathscareers.org.uk/article/maths-outside-summer-poster-competition-2020/> There are three age categories: Y7&8, Y9-11 and Y12&13. The winner in each category will receive an android tablet.

MUSIC

Preparing for Year 8 Music

Dear Y8 Students,

Please find below a range of activities that you could complete this summer. This work will help to prepare you for Y8 Music. The activities will introduce you to some of the things we will be learning together in Y8 as well as some of the areas of study we will focus on.

Year 9 Music		TASKS
Something to read	https://www.bbc.co.uk/bitesize/guides/ztx3b9q/revision/1	Read this short history of Blues music on BBC Bitesize. Make a list of some of the main features of this kind of music.
Something to watch	https://www.youtube.com/watch?v=HYy-6ltraVQ	Watch this 11 minute documentary that explains how blues music is the basis for all modern music. Do you agree?
Something to listen to	https://www.youtube.com/watch?v=UHoXdHbMetE	Listen to Bessie Smith singing the Blues. Bessie features in Y8 Blues music. As you listen to her, write down the instruments you hear that accompany her singing.

For RS/PSHCE - See Citizenship

SCIENCE

Preparing for Year 9 Science

Dear Y8 Students,

Please find below a range of activities that you could complete this summer. This work will help to prepare you for Y9 Science.

The three first topics are Biology: Genetics and Evolution, Chemistry: Chemical Reactions and Physics: Moments and Energy.

Year 8 Science		TASKS
Something to read	<p>Biology (All pages) https://www.bbc.co.uk/bitesize/guides/zw9jq6f/revision/1</p> <p>Chemistry (All pages) https://www.bbc.co.uk/bitesize/guides/zqd2mp3/revision/1</p> <p>Physics (Pages 6 and 7) https://www.bbc.co.uk/bitesize/guides/zttfyrd/revision/6</p>	<p>Read the information:</p> <ol style="list-style-type: none"> 1. Write down one new keyword and its meaning from each one. 2. Write down one new fact from each one. 3. Write down one question to ask about each one.
Something to watch	<p>Biology: Evolution https://www.youtube.com/watch?v=GhHOjC4oxh8</p> <p>Chemistry https://ed.ted.com/lessons/the-law-of-conservation-of-mass-todd-ramsey</p> <p>Physics https://www.youtube.com/watch?v=22VGQM1jCn8</p>	<p>Watch each video:</p> <p>Note down a scientific question you could ask your teacher about each topic.</p>
Something to explore	<p>Visit a virtual museum</p>	<p>Learn about Evolution and more at the Natural History Museum https://www.nhm.ac.uk/visit/virtual-museum.html</p> <p>Watch these great chemistry Christmas Lectures- lots of exciting demos. https://edu.rsc.org/resources/ri-christmas-lectures-2012-chemical-change/1118.article</p> <p>Look at how people have used forces and moments to make a Rube Goldberg machine https://boyslife.org/hobbies-projects/projects/159359/how-to-make-a-rube-goldberg-machine/</p>

SPANISH

Preparing for Year 9 Spanish

Dear Yr 8 Students,

Please find below a range of activities that you could complete during the summer:

Year 8 Spanish		TASKS
<p>Something to read (and listen along to)</p>	<p>Read and listen to the short story of the bird and the whale (el pájaro y la ballena) with slow audio and English translation:</p> 	<ul style="list-style-type: none"> Go to the following link https://www.thespanishexperiment.com/stories/bird-and-whale Turn on "show all translations" and listen to the 15 minute story, using the Spanish transcription and the English translations underneath to help you understand the story. You may want to listen to the story more than once. You could try listening to it a 2nd time without the translations. Write down a list of 10 new words that you have learnt (use the English/Spanish scripts to help you) If keen, read more short stories using this link: https://www.thespanishexperiment.com/stories
<p>Something to watch (and sing along to!)</p>	 <p>Continue learning songs with lyrics training</p> <p>Practise your Spanish by listening, watching and singing along to Spanish-language songs!</p>	<ul style="list-style-type: none"> Follow the instructions on Google Classroom from the last week of term as to how to access a song on lyrics training Go to lyricstraining.com/es and select a song Click on beginner Choose 'choice mode' at the top right of the video (that will make it a little easier - you only choose the word, rather than typing) Play the music video, listen and click on the missing word in the lyrics. Or, just use it in karaoke mode and sing along!
<p>Something to explore</p>	<p>Try out Duolingo - The world's best way to learn a language</p> 	<ul style="list-style-type: none"> If you have not already done so, try practising your Spanish on Duolingo (website or app)! Create an account on Duolingo, and then join our Cherwell Year 7 Spanish class using this link. (instructions also on Google Classroom) https://www.duolingo.com/o/wbmffu or use the classroom code: WBMFFU