

Paxman Academy Curriculum Overview for Parents and Carers - Year 7 -Spring 2021

Real learning happens when we have to talk about what we have learnt, and when we choose to go ahead and find out more. Use the information below to talk to your child about their learning in different subject areas. What do they know? What do they want to find out next?

Subject	Topic	Top 5 Subject Terms	Learning Conversation Questions	Super Curricular suggestions- take it further!
English	<i>An Introduction to Shakespeare: 'A Midsummer Night's Dream'</i>	Comedy Imagery Metaphor Sub-plot Rhyming couplet	<p>What were Elizabethan attitudes to women and marriage?</p> <p>What different types of love does Shakespeare present in the play?</p> <p>To what extent is the play a typical Shakespearean comedy?</p> <p>What methods does Shakespeare use to create comedy?</p>	<p>DO: Visit the BBC Bitesize website to learn more about the play: https://www.bbc.co.uk/bitesize/topics/zxgcwmm</p> <p>GO: To the Globe Theatre (or stream online)</p> <p>READ: 'King of Shadows' by Susan Cooper</p> <p>WATCH: The BBC 'Shakespeare Retold' version of the play (or another adaptation)</p> <p>LISTEN: 'In Our Time: A Midsummer Night's Dream' podcast (BBC Radio 4)</p>
Maths	Unit 2 - Place value, area and perimeter Unit 3 - Algebra	Perimeter Area Round Estimate Expression	<p>What is the difference between area and perimeter?</p> <p>What are the formulas for the areas of all 2d shapes?</p> <p>What is the difference between rounding to decimal places and significant figures?</p> <p>What needs to be rounded when you estimate?</p> <p>What is the difference between an equation, an expression and a formula?</p>	<p>DO: Calculate the area and perimeter of each of the rooms in your home. Would then area and perimeter be the same if it wasn't split into separate rooms.</p> <p>GO: Bletchley Park, Buckinghamshire</p> <p>READ: Rob Eastaway - Maths on the Go</p> <p>WATCH: Mathantics youtube channel</p> <p>LISTEN: BBC Learning Maths Challenge Podcast</p>

Science	<p>Topic 5 - Voltage, resistance and current</p> <p>Topic 6 - Metals, non-metals & Acid's and alkali's</p> <p>Topic 7 - Interdependence & plant reproduction</p>	<p>Power/Charge</p> <p>Neutralisation/pH</p> <p>Malleable/ductile</p> <p>Producer/Consumer</p> <p>Stigma/Stamen</p>	<p>What is the relationship between voltage, current and resistance?</p> <p>What are some common household acids and alkali's?</p> <p>Why do we use certain metals for certain jobs e.g. jewellery or construction.</p> <p>What roles do the sun play in most food chains?</p> <p>How do plants reproduce?</p>	<p>DO: Rewire a plug (under careful supervision). Identify household acids and alkalis.</p> <p>GO: To a power station (Sizewell)</p> <p>READ: BBC Bitesize - KS3 metals and non-metals.</p>
History	<p>Medieval England</p>	<p>Magna Carta</p> <p>Parliament</p> <p>Renaissance</p> <p>Peasants Revolt</p> <p>Regent</p>	<p>Who was King John?</p> <p>What was the Magna Carta?</p> <p>Were there Medieval Queens?</p> <p>Why did the peasants revolt?</p> <p>Why was there a War of the Roses?</p>	<p>DO: Research the War of the Roses.</p> <p>GO: British Library / Lincoln/ Cathedral / Salisbury Cathedral to see parts of the Magna Carta.</p> <p>READ: John Ball (a Priest who led the Peasants' Revolt) https://www.colchestercivicsociety.co.uk/what-we-do/commemorative-plaques/john-ball/</p> <p>WATCH: Robin Hood (1973, Disney), The Fall of the Plantagenets https://www.youtube.com/watch?v=GLPIIm7o2iAo</p>

Geography	Development	Development Development indicators Human development index Uneven development Top-down and bottom-up projects	How is development measured? What is the human development index? Why is the Democratic Republic of Congo a developing country? What are the causes of uneven development? How can bottom-up and top-down projects promote development?	DO: Create a project-style factfile on the Democratic Republic of Congo. READ: Factfulness by Hans Rosling: https://www.amazon.co.uk/Factfulness-Reasons-Wrong-Things-Better/dp/1473637465 WATCH: National Geographic documentary on the Demoratic Republic of Congo https://www.youtube.com/watch?v=i1D2Bpo1AW0 RESEARCH: Dollar Street website is a fantastic free website for comparing aspects of development across the world: https://www.gapminder.org/dollar-street/
RE	Christianity	Liturgical worship Non-liturgical worship Eucharist Evangelism Christmas and Easter	What are the different types of worship? How can people be Baptised? What is the significance of the Eucharist? What is confession? Why do we celebrate Christmas and Easter?	DO: Research the Eurcharist, what is it and how might one receive it? GO: Go to a church and identify the altar, lectern, pulpit, crucifix and stained glass windows. READ: History of Christmas https://www.history.com/topics/christmas/history-of-christmas WATCH: What is baptism? https://www.youtube.com/watch?v=KoPEMVTAI9M . My life, my religion, my Christianity: https://www.bbc.co.uk/programmes/p02mwyn6

<p>Spanish</p>	<p>Mi insti- My school</p>	<p>1. En mi insti hay= in my school there is/ there are 2.En mi insti no hay= in my school there isn't/ there aren't 3. El/los before days of the week: -el lunes= On Monday -los lunes= On Mondays (el or los before any day of the week translates in English as On+ day of the week)</p> <p>4.Grammar rule 1: Opinion + el/la/los/las + singular or plural noun. Ex: Me gusta el teatro= I love drama</p> <p>5.Grammar rule 2: When opinión such as (no) Me gusta/ Me encanta/ me flipa is followed by a plural noun MUST add -n- at the end of the opinion. Ex: Me gustan las matemáticas= I love maths.</p> <p>6. un/una= a unos/unas= some</p> <p>Hay+ un/una/unos/unas No hay = doesn't require the use of un/una/unos/unas Ex: En mi insti hay un comedor= in my school there is a canteen. -En mi insti no hay comedor= in my school there isn't a canteen.</p>	<p>1. What is the Spanish for: -there is/ there are -there isn't/ there aren't</p> <p>2. What are the days of the week in Spanish? 3. How do you say- on Tuesdays or On Tuesday in Spanish? 4. What Grammar rule do you have to apply in Spanish when expressing an opinion that is followed by a noun, either singular or plural.</p> <p>Practice: Translate the following sentences into Spanish: - I love art= Me gusta el dibujo -I really like geography= Me gusta mucho la geografía -I don't like maths= No me gustan las matemáticas</p> <p>5. How does Me gusta/ me encanta change when it is followed by a plural noun. Me gustan las ciencias= I love science</p> <p>6. What is the Spanish for -I hate Spanish= odio el español -I really like history= me gusta mucho la historia -I don't like science= no me gustan n las ciencias.</p> <p>7. What is the Spanish for : -feminine -a- =(una) -masculine -a- = (un) -feminine-some- = (unas) -masculine-some- = (unos)</p>	<p>DO: Create your ideal school timetable and then write a mini paragraph about the school subjects saying whether you like them/ love them and why.</p> <p>GO: to quizlet and practice the main vocabulary that we will be seeing in this unit. https://quizlet.com/_61n7h7?x=1jqt&i=ekwai</p> <p>READ: the article in the attached document and answer the questions. This can also help you with the activity in the DO- sections above. Please make your own copy of the below document as otherwise you will be amending the master copy. https://docs.google.com/document/d/19LqvFzqOODpMerEvgGZJkteGAJePXMLh9rnlTrpLvic/edit</p> <p>WATCH- the below video that will help you practice the pronunciation of school facilities https://www.youtube.com/watch?v=jVv9aWSNUiQ</p>
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Art	Media exploration - Beetles	Observational drawing Tonal Pencil Optical colour pencil mixing Form Pattern	How can we use colour pencils to create a 3D object on paper? In what ways do artists inspire our own work? Is it possible to develop your own work by looking at real objects or photos? When we look at objects do we really stop and see what they look like, the colours, shapes, pattern and form?	<p>DO: Practice blending colours together. Colour mixing - https://www.youtube.com/watch?v=8A8qT3jpChk</p> <p>GO: Natural history museum</p> <p>READ: Artist research https://www.rosalindmonks.com/ https://lucyarnold.com/</p> <p>WATCH: Beetles - https://www.youtube.com/watch?v=LbvUrrSamg8 Drawing a beetle with mixed media https://www.youtube.com/watch?v=zomfrHyCMhw</p>
Music	Film Music, Classical and orchestration	Tones and semitones Major Scales Key signatures Tonic triads and intervals Compositional Style Foreign musical terms (Italian, German and French)	What is an accidental? How do we recognise a key signature? What is the degree of a scale? How do we hear the tonic? How do we recognise a compositional style by listening?	<p>DO: Using compositional devices to make music</p> <p>GO: Royal Albert Hall BBC Orchestra.</p> <p>READ: My Music Theory free online course https://www.mymusictheory.com</p> <p>WATCH: BBC CONCERT ORCHESTRA https://www.bbc.co.uk/programmes/articles/2Wm3FCpvrSK8t6yH6VSjHwz/watch-classic-movie-themes-performed-by-the-bbc-concert-orchestra-introduced-by-mark-kermode-in-360-video</p> <p>LISTEN: CLASSICAL (Mozart and Baroque Period), OPERA (Vivaldi) and Film Music (John</p>

				<p>Williams). Or any other composers of those genres.</p> <p>Further Listening: Star Wars/Indiana Jones/The Incredibles/Jaws/The Good, The Bad and The Ugly/The Exorcist/The Woman in Black. Beethoven 5th Symphony/Holst The Planets/Richard Strauss Also Sprach Zarathustra/Haydn Trumpet Concerto/Prokofiev Concerto for Turntables and Orchestra</p>
Drama	Dramatic Elements	<p>Storyboard</p> <p>Sound</p> <p>Lighting</p> <p>Costume</p> <p>Set</p>	<p>How can a storyboard be used to visualise a theatrical narrative?</p> <p>What impact do sound, lighting and costume all have a piece of theatre?</p> <p>What effect can a minimalist or maximalist set design have on a piece of theatre?</p>	<p>DO: Create a storyboard for your own piece of theatre - Consider who your characters are; what is your soundtrack? How are you lighting the scenes? What are your characters wearing? What do the sets look like?</p> <p>GO: Mercury Theatre to watch a performance!</p> <p>READ: BBC Bitesize, Sound Design, Lighting Design, Costume, Set Design</p> <p>WATCH: Any of your favourite TV Programmes - Think how the directors are using sound, lighting, costume and set design?</p> <p>LISTEN: Podcast - Backstage with Disney Theatrical - find out how costume, set, lighting and sound are all used for Disney theatrical productions.</p>

Technology	Multiple areas of DT this term	Weaving Perspective Context Function Purpose	What innovations enable people to live to their best ability? Why do some innovations change and others stay the same? How important is accuracy when drawing when you are making a product?	<p>DO: Practice technical drawing skills, using a ruler</p> <p>GO: LOOK at buildings, objects and innovation - how have they been made and out of what .</p> <p>READ: BBC bitesize - how a to make a chair https://www.bbc.co.uk/bitesize/clips/zwtkjxs</p> <p>WATCH: Stretching your skills with two point perspective https://www.youtube.com/watch?app=desktop&v=w_LbQviO1K4</p>
Physical Education	Health Related Fitness The body systems	Components of fitness Warm ups and cool downs Muscular skeletal system Skeletal system Cardiovascular system	Using the scientific terminology, can you identify and name the lower body muscles? Use the correct key words to describe the components of fitness within a sporting situation. Health Related Fitness Which components of fitness can you define? Can you link components of fitness to specific exercises? Why do we warm up and cool down? What are the different stages or a warm up and a cool down? The body systems Can you name and locate the skeletal muscles within the body? Can you name and locate the bones within the body? Can you name, and explain the role of, the 3 key components of the cardiovascular system?	<p>DO: - Try a Joe Wicks workout from home! https://www.youtube.com/c/TheBodyCoachTV/playlists - Create your own skeletal system with items around the house (pens or pencils would make brilliant "bones")!</p> <p>GO: - Go outside and get your daily exercise in!</p> <p>READ: -Young Champion's Mind, The: How to Think, Train, and Thrive Like an Elite Athlete - Jim Afremow - More information of the Body System's can be found here: https://www.bbc.co.uk/bitesize/examspecs/zxbg39q</p> <p>WATCH: - Watch what happens inside your body, when we exercise: https://www.youtube.com/watch?v=wWGullAa00Q</p> <p>LISTEN: To your favourite motivational music and complete a Health Related Fitness session as provided by the PE Department</p>

ADP	Interviewing & Enterprise	Interview Formal language Presentation Enterprise Innovation	What are interviews for? Why should you use formal English in an interview? How can you 'sell' yourself to an interviewer? How do businesses start and develop ideas? How do they sell their ideas to others?	DO: some research about interview questions. What tricky questions were your parents/carers asked at interview? GO: to Open Days at local colleges and universities READ: First Careers Website WATCH: episodes of the Apprentice to get ideas about enterprise and interview technique LISTEN: Interview Preparation Simplified Podcast
Computer Science	Programming in Scratch	Execute Sequence Instructions Process Iterations	How do humans and computers understand instructions? Do computers think for themselves?	DO: Write an algorithm/set of instructions for making a jam sandwich. GO: Minecraft - Hour of code READ: The Pattern On The Stone - Little ideas that make computers work WATCH: Topics - CHM Revolution (computerhistory.org) (Online museum for the history of computers) LISTEN: The birth of a computer

PSHE	Healthy living	Calories Eatwell guide Consequences Hygiene	Why is it important to eat healthy food? What are the consequences if you do not look after yourself? Who is responsible for your health and hygiene?	<p>DO: Eat a balanced diet, do at least 10 mins of exercise every day</p> <p>READ: NHS healthy eating for teenagers https://www.nhs.uk/live-well/eat-well/healthy-eating-for-teens/</p> <p>WATCH: BBC Bitesize daily lessons https://www.bbc.co.uk/bitesize/articles/z2kq96f</p>
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