

### Paxman Academy Curriculum Overview for Parents and Carers - Year 7 - Autumn 2020

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!
<b>English</b>	Myths and Legends: <i>Percy Jackson and the Lightning Thief</i>	Myth Legend Hero Supernatural Moral	<p>What is the difference between a myth and a legend?</p> <p>What do we mean by a story with a moral?</p> <p>What qualities does a hero have?</p> <p>How do writers create effective descriptions of characters and setting?</p>	<p>Explore some other tales from Greek mythology on the Cambridge University Classical Tales website: <a href="http://classictales.educ.cam.ac.uk/">http://classictales.educ.cam.ac.uk/</a></p> <p>Read another novel from the <i>Percy Jackson</i> series</p> <p>Conduct some research into local legends</p>
<b>Maths</b>	Ratio and Proportion, Fractions and Percentages	Share and compare Numerator/Denominator or Equivalent Multipliers Analogue/Digital	<p>What is the time now in analogue and digital? 12 hour and 24 hour?</p> <p>What is the difference between ratio and proportion?</p> <p>How can you scale recipe ingredients up or down?</p> <p>If a product has a 50% discount and is discounted by a further 50% is it free?</p> <p>Would you rather have 40% of £600 or 60% of £400?</p>	<p>Research the etymology of key language. (e.g fraction and percentage)</p> <p>Use a recipe and scale it up or down appropriately for your family.</p> <p>Find examples of discounts in supermarkets and shops involving fractions and percentages.</p> <p>Plan a journey using a bus or train timetable</p>

<b>Science</b>	Introduction topic Forces & Speed Particle model & separation Movement & cells Earth structure & universe	Mass Gravity Particle Nucleus Mantle	How should we behave sensibly in a science lab? How does our mass and weight change on different planets? What is the difference between a solid, liquid and a gas? What is the structure of each layer of the Earth?	Explore how the size of each planet in our solar system influences its gravity.  Design a car that is as aerodynamic as possible.  Watch the following Bill Nye clip on cells: <a href="https://www.youtube.com/watch?v=8DVrNRN84Do">https://www.youtube.com/watch?v=8DVrNRN84Do</a>
<b>History</b>	Anglo-Saxon England and the Norman Conquest	<ul style="list-style-type: none"> <li>- Heptarchy</li> <li>- Great Heathen Army</li> <li>- Danelaw</li> <li>- Motte-and-Bailey</li> <li>- Feudalism</li> </ul>	<ul style="list-style-type: none"> <li>- Why is Anglo-Saxon England known as the 'Dark Ages'?</li> <li>- Why has Alfred been called 'Alfred the Great'?</li> <li>- How did a Norman become King of England?</li> <li>- How much did England change during the Norman Conquest?</li> </ul>	<p><u>READ:</u> Great Tales of English History by Robert Lacey:  <a href="https://www.amazon.co.uk/Great-Tales-English-History-Extraordinary/dp/0349117314">https://www.amazon.co.uk/Great-Tales-English-History-Extraordinary/dp/0349117314</a></p> <p><u>WATCH:</u> BBC Teach video clips (1066 and the Norman Conquest):  <a href="https://www.bbc.co.uk/teach/class-clips-video/history-ks3-ks4-1066/zm3m382">https://www.bbc.co.uk/teach/class-clips-video/history-ks3-ks4-1066/zm3m382</a></p> <p><u>GO:</u> Visit the Anglo-Saxon burial site at Sutton Hoo:  <a href="https://www.nationaltrust.org.uk/sutton-hoo?PlaceMapClick=323">https://www.nationaltrust.org.uk/sutton-hoo?PlaceMapClick=323</a></p>
<b>Geography</b>	Map Skills	<ul style="list-style-type: none"> <li>- Cartography</li> <li>- Ordnance Survey (OS)</li> <li>- Relief</li> <li>- Grid references</li> <li>- Latitude and longitude</li> </ul>	<ul style="list-style-type: none"> <li>- How has our knowledge of the world improved over time?</li> <li>- Where are the world's continents and oceans?</li> <li>- What is the difference between latitude and longitude?</li> <li>- How do we read and use OS maps?</li> <li>- What is the difference between four and six-figure grid references?</li> </ul>	<p><u>DO:</u> Apply your skills with the Ordnance Survey Puzzle Book:  <a href="https://www.amazon.co.uk/Ordnance-Survey-Puzzle-Book-Britains/dp/1409184676">https://www.amazon.co.uk/Ordnance-Survey-Puzzle-Book-Britains/dp/1409184676</a></p> <p><u>GO:</u> Get an OS explorer for map for Colchester and put your map skills into practice and start (safely) exploring:  <a href="https://www.amazon.co.uk/OS-Explorer-Map-184-Colchester/dp/031924377X">https://www.amazon.co.uk/OS-Explorer-Map-184-Colchester/dp/031924377X</a></p>

<b>RE</b>	Judaism	<ul style="list-style-type: none"> <li>- Monotheism</li> <li>- Shabbat</li> <li>- Bar / Bat Mitzvah</li> <li>- Anti-Semitism</li> <li>- Zionism</li> </ul>	<ul style="list-style-type: none"> <li>- Are all Jews the same?</li> <li>- What happens on Shabbat?</li> <li>- Why is the Bar / Bar Mitzvah such an important moment in the life of a Jew?</li> <li>- How have Jews been persecuted throughout history?</li> <li>- Why has Zionism been controversial within Judaism?</li> </ul>	<p><u>READ:</u> This website tells the fascinating story of Judaism in Colchester:  <a href="http://cdjc.org.uk/history/">http://cdjc.org.uk/history/</a></p> <p><u>WATCH:</u> This playlist of YouTube videos explores what it means to be Jewish in the UK:  <a href="https://www.youtube.com/playlist?list=PLcvEcrsF_9zLEkriUn7s2E8wDNknt7yqp">https://www.youtube.com/playlist?list=PLcvEcrsF_9zLEkriUn7s2E8wDNknt7yqp</a></p>
<b>Spanish</b>	Mi vida- My life  Mi tiempo libre - my spare time	<ul style="list-style-type: none"> <li>-Feminine/ singular/ plural nouns</li> <li>-Masculine/ singular/ plural nouns</li> <li>-definite article the-el/la/los/las</li> <li>-pronunciation- a/e/i/o/u/ce/ci/l/rr/ji/h</li> <li>-me llamo- my name is</li> <li>-soy- I am</li> <li>-tengo trece años- I am 13 years old</li> <li>-mi cumpleaños es el 10 de agosto de 2008</li> <li>- adjectival agreement</li> <li>-word order</li> </ul>	<ul style="list-style-type: none"> <li>-In what letter tends to end a feminine/ masculine noun?</li> <li>-To make a noun plural what letter/ s do we add at the end when the noun ends in a vowel or a consonant ?</li> <li>-how many ways of saying -the- there are in Spanish?</li> <li>- before what type of nouns we use each</li> <li>-the=el/la/los/las?</li> <li>-What sounds do the letters make in Spanish?</li> <li>-what verb do we use in Spanish to express age?</li> <li>- how do you say in Spanish- My birthday is?</li> <li>- When do we use a capital letter for months in Spanish?</li> <li>- the adjectives, in Spanish, must match what word in the sentence in gender and number?</li> <li>- what is the word order in Spanish related to adjective and noun?</li> </ul>	<p><u>Watch/Practice:</u> This website helps you with pronunciation of key groups of letters  <a href="https://www.bbc.co.uk/bitesize/topics/zhy27nb/articles/zk78382">https://www.bbc.co.uk/bitesize/topics/zhy27nb/articles/zk78382</a></p> <p><u>Watch/Practice:</u> This website helps you with practice introducing yourself and referring to where you live and nationality.  <a href="https://www.bbc.co.uk/bitesize/topics/zfgt6v4/articles/zhvppq3">https://www.bbc.co.uk/bitesize/topics/zfgt6v4/articles/zhvppq3</a></p> <p><u>Watch/Practice:</u> This website helps you practice talking abouts your and other people's pets and family.  <a href="https://www.bbc.co.uk/bitesize/topics/zfgt6v4/articles/zfryxyc">https://www.bbc.co.uk/bitesize/topics/zfgt6v4/articles/zfryxyc</a></p>

<b>Art</b>	Cubism	Perspective Viewpoints Colour wheel Distortion Geometric forms	What cultural art was thought to inspire cubist painting? What were Cubist artists trying to paint? What's your view on Cubist painting?	Royal Academy of Art - virtual Picasso exhibition <a href="https://www.youtube.com/watch?v=o00Y6GbV9Ks">https://www.youtube.com/watch?v=o00Y6GbV9Ks</a>  Books - any on Cubism however the Taschen series of books are always a good start Cubism ( <a href="#">Taschen Basic Genre</a> ) by <a href="#">Anne Gantefuhrer-Trier</a> , <a href="#">Uta Grosenick</a> (Editor)
<b>Music</b>	Performing – solo and ensemble performances, pre-grade 1 standard	Pitch  Rhythm  Beat  Key  Dynamics	What makes a live performance great?  How do you approach the study of a musical instrument?	<a href="https://www.e-musicmaestro.com/auraltests/free">https://www.e-musicmaestro.com/auraltests/free</a>  Watch youtube videos of any live instrumental ensemble (listening and analysis)
<b>Drama</b>	Introduction to Drama	Characterisation Mime Levels Non-verbal communication Proxemics	How can you use body language to create character?  What do we call the different areas on a stage?  What is a still image?  How do you create a convincing narrative?	Watch youtube videos of Charlie Chaplin and note down ideas about how he creates character through movement and facial expressions  Create a storyboard for a short scene involving multiple characters

<b>Technology</b>	Design & Technology key skills	Design Context Design Specification Iterative design Aesthetics Ergonomic	What is innovation? Look at existing products and consider who they have been made for, what their function is and how important the design of the product is.	BBC Bitesize has some really good video clips to inspire and deepen knowledge <a href="https://www.bbc.co.uk/bitesize/subjects/zfr9wmn">https://www.bbc.co.uk/bitesize/subjects/zfr9wmn</a>
<b>Physical Education</b>	Athletics Striking & Fielding	Tactics Strategies Technique Analyse Principles	Using the scientific terminology, can you identify and name the lower body muscles?  <b>Athletics</b> Can you demonstrate the correct throwing position for the Javelin? What are the teaching points when executing a skill i.e. throwing, running (sprinting, long distance) or sprint start?  <b>Striking &amp; Fielding</b> Can you describe the techniques required for throwing, catching and batting? Describe the benefits of the long barrier when fielding? Can you identify the key areas of the rounders pitch?	Learn the muscles of the body: <a href="https://www.bbc.co.uk/bitesize/guides/z32wmnb/revision/1">https://www.bbc.co.uk/bitesize/guides/z32wmnb/revision/1</a>  Athletics Training Advice <a href="https://www.englandathletics.org/about-us/athletics-at-home/running-at-home/running-expert-tips-and-advice/training-tips/">https://www.englandathletics.org/about-us/athletics-at-home/running-at-home/running-expert-tips-and-advice/training-tips/</a>  Rounders Rule can be found here: <a href="https://www.roundersengland.co.uk/play/rounders-rules/">https://www.roundersengland.co.uk/play/rounders-rules/</a>  Cricket Guide <a href="https://www.ecb.co.uk/play/how-to-play-cricket/beginners-guide#:~:text=Basics%20of%20the%20game&amp;text=Twenty20%20and%20one%20day%20matches,side%20bats%20for%200is%2050.&amp;text=The%20team%20with%20the%20highest%20number%20of%20runs%20at%20the%20end%20wins!">https://www.ecb.co.uk/play/how-to-play-cricket/beginners-guide#:~:text=Basics%20of%20the%20game&amp;text=Twenty20%20and%20one%20day%20matches,side%20bats%20for%200is%2050.&amp;text=The%20team%20with%20the%20highest%20number%20of%20runs%20at%20the%20end%20wins!</a>

<b>ADP</b>	Delivering a Speech Debating	Active Listening Context Fluency Pace Body Language	What is active listening and how do you demonstrate it? Why is body language important in communication? Why is the context of a speech important? Why is asking questions important in a debate? How can you challenge someone else's views in a debate?	Get inspired by other students giving speeches in the Jack Petchey Speak Out Challenge: <a href="https://speakoutchallenge.com/get-inspired/">https://speakoutchallenge.com/get-inspired/</a>
<b>Computer Science</b>	G-Suite - Cloud based software developed by Google	Google Drive Google Classroom Search Engine Share Cloud	What is cloud based computing?  How do you schedule a time for an email to be sent on G Mail?  How do you share a document on Google Docs?	Learn to code using Scratch <a href="https://code.org/minecraft">https://code.org/minecraft</a>
<b>PSHE</b>	Transition and social media	Study skills Transition Bully Banter Cyber Bullying Safe social media	What is PSHE? How can you stay safe online and when using social media? What should you do if you encounter cyber bullying? Will you be an Upstander?	For help and advice supporting with safe social media: <a href="https://www.childnet.com/young-people/secondary">https://www.childnet.com/young-people/secondary</a>