



# Alderbrook Year 8 Homework: Term 1



## What to do





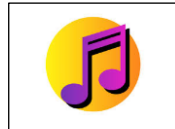



1. Choose a **subject**
2. Choose a **topic** within that subject
3. Choose **one type of retrieval task** for that subject
4. **Repeat** steps 1-3 so that you complete **at least** one retrieval task for **all** your subjects by the end of the term

Retrieval Activities	
<ol style="list-style-type: none"> <li>1. Create a glossary of key words and their meaning for your chosen topic</li> <li>2. Draw a picture to represent each key word for your chosen topic</li> <li>3. Create a mind map for your chosen topic</li> <li>4. Create a set of Cornell notes for your chosen topic</li> </ol>	
	How to create a mind map
	 How to create Cornell notes
<b>English</b> 	<p><b><u>Topic 1: Grisly Gothic</u></b>  <b>Key Words:</b> Ominous, foreshadowing, conventions, symbolism, dramatic monologue, motif, supernatural, exposition, tension, suspense.</p> <p><b><u>Topic 2: Crime &amp; Detective Fiction</u></b>  <b>Key Words:</b> Atmosphere, motive, justice, retribution, remorse, perpetrator, atonement, withholding, antagonist, obfuscate.</p>
<b>Maths</b> 	<p><b><u>Sparx Maths</u></b></p> <p>Go onto Sparx Maths and complete a topic suggested by your teacher.</p> <p>Write down your working out in your purple book.</p>
<b>Science</b> 	<p><b><u>Topic 1: Breathing and digestion</u></b>  <b>Key words:</b> Inhale, exhale, alveoli, diaphragm, amylase, protease, lipase, active site, substrate.</p> <p><b><u>Topic 2: Matter 2</u></b>  <b>Key words:</b> Atom, element, compound, alkali metal, halogen, noble gases.</p> <p><b><u>Topic 3: Forces</u></b>  <b>Key words:</b> Contact force, resultant force, stretch, compression, acceleration, moments.</p>
<b>Art</b> 	<p><b><u>Topic: Mexican Day of the Dead/Portrait.</u></b>  <b>See Knowledge Organisers</b>  <b>Key words:</b> cultural, spiritual, carnival, celebration, symbolism, artifact.          Portait, Proportion, Greek theory of Face, Symmetry, Asymmetry, refinement, accuracy, Analysis, research, context.</p>
<b>Computing</b> 	<p><b><u>Topic: Computer systems &amp; hardware</u></b>  <b>Key words:</b> Hardware, Memory &amp; storage, Central Processing Unit (CPU), Virtual Reality (VR), Augmented Reality (AR).</p> <p><b><u>Topic: Analysing spreadsheets</u></b>  <b>Key words:</b> Spreadsheets, Cell, Software, Formatting, Functions, VLook up.</p>
<b>French</b> 	<p><b><u>Topic: Un Week-end Typique (A Typical Weekend)</u></b>  <b>Key words:</b> See sentence builders in workbook          Sports &amp; Freetime Activities / Weather and Hobbies / Weekend Plans.</p>
<b>Spanish</b> 	<p><b><u>Topic: Mi casa (My house)</u></b></p> <p><b>Key words:</b> See sentence builders in workbook.</p>
<b>RE</b> 	<p><b><u>Topic: Significant Religious Leaders</u></b>  <b>Key words:</b> Submission, Monotheism, Hebrew, Guru, Nirvana, Buddha.</p> <p><b><u>Topic: Where do we look for God?</u></b>  <b>Key words:</b> Miracle, Coincidence, Evidence, Design, Causation, Atheist, Theist, Creation, Genesis.</p>



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<b>Food</b> 	<b><u>Topic: Carbohydrates</u></b>  <b>Key words:</b> Carbohydrates, fermentation, Yeast, Microorganisms, Gluten, Kneading, Fiber, Sugar, Starch, Gelatinisation, Caramelisation.		
<b>Technology</b> 	<b><u>Topic: Polymer or Biomimicry or Timber (depending on current topic).</u></b>  <b>Key words (Polymer):</b> Thermo-set polymer, thermoforming polymer, synthetic, crude oil, finite, non-renewable, water resistant, chemical resistant, insect resistant, wet and dry paper, polish.  <b>Key words (Biomimicry):</b> Design, Sketching, Rendering, Annotating, Nature, Inspiration, Design development, Problem solving, Modelling, Prototype, Craft knife, Cutting mat, Foam board.  <b>Key words (Timber):</b> Harwood, softwood, manufactured board, sandpaper, disk sander, paint, MDF, Plywood, Oak, Elm, Pine.		
<b>Geography</b> 	<b><u>Topic: Cold environments and solving the development gap</u></b>  <b>Key words:</b> Biome, densely, sparsely, environment, population, culture, long term aid, short term aid, microloans, government.		
<b>History</b> 	<b><u>Topic: The Transatlantic Slave trade</u></b> <b>Key words:</b> Middle passage, slave triangle, auction, plantation, rebellion.  <b><u>Topic: The British Empire</u></b> <b>Key words:</b> Africa, diamonds, India, Gandhi, opium, China.		
<b>Music</b> 	<b><u>Topic 1: Blues and Jazz</u></b> <b>Key words:</b> Blues Scale, improvisation, chords, slavery, 12 bar blues, structure.  <b><u>Topic 2: Samba and Reggae</u></b> <b>Keywords:</b> Surdo, Apito, Repinique, Caixa, Agogo, Ganza, Reco-reco, Polyrhythm, syncopation, Rio carnival, ensemble, percussion, rhythm.		
<b>Drama</b> 	<b><u>Topic1 (first half term): Into Text</u></b> <b>Key words: DRAMA TECHNIQUES I can...</b> Use improvisation, Create a monologue, Change my voice to suit the character I am playing, Use body language to reflect my character's feelings, Use physical theatre to give a sense of location, Use narration confidently to explore a new story, Give meaning to an abstract piece of text, creating characters & location, Develop a flashback.  <b><u>Topic2 (Second Half Term) Greek Theatre</u></b> <b>Key words: DRAMA TECHNIQUES I can use...</b> Freeze Frame, Narration, Slow Motion, Ensemble (choral) speech and movement, Levels, Formations, Unison, Canon, Gestures, Proxemics, Script writing for Greek theatre, Feedback effectively to improve my work.		
<b>PE</b> 	<b><u>Topic:</u></b> <b>Key words:</b> Application, muscles, delayed onset of muscle soreness (DOMS), fatigue, cardiovascular endurance, agility, strength, dynamic, static, explosive, power, flexibility, reaction time, balance, coordination, speed.		
<b>PSHE</b> 	<b><u>Topic: Adolescence</u></b> <b>Key words:</b> Puberty, difference, change, menstruation, periods.  <b><u>Topic: Difference</u></b> <b>Key words:</b> Neurodivergence, friendship, bullying, empathy, relationships.		
<b>Star key</b>	★ Some work produced but presentation and / or effort could have been better	★★★ Good level of work, with good presentation	★★★★ Outstanding effort and presentation