			Curriculum Map			
			Year 10			
Halfterm	Unit title with hyperlink to scheme of work	Unit summary (Mock NEA)	Skills & content covered (In-Depth Knowledge on Papers & Boards)	Skills & content revisited	Summary of formative marking, feedback and student response	Summative assessment schedule, including assessment criteria
Autumn 1	Mock NEA (Encouraging a healthy lifestyle) Besarch section Brief & Specification	Mock NEA: Investigation/Research section: Mind range snalpsize of keit. Yordut analysis of romedus susing back of images photographed on Lidive. Mood boards of existing products with annotations. Questionnaire of chosen client.	The sources, origins, physical and working properties of the material categories or the components and systems, and their ecological and social footrinit Now wood pulps is made. The differences between mechanical and chemical wood pulp. Peoplea paper. Newpole paper.	Research techniques / Developing a brief and specification	Progress recorded through use of tracker spreadsheet	Quit HW set on Teams
Autumn 2	Mode NEA Economagine a healthy. Uterstyle - Initial croduct designs		components is influenced by a range of factors, such as functional, asthetic, environmental, availability, cost, scala, outural and ethical. Asthetic and functional properties of ands and baards. A shartages and disakuntages of common paper, and and baards for commercial and everyday use: javout paper, tracing paper, copier paper, recycled paper, cartridge paper, mounting baard, folding boabcard and corrugated baard. * The reasons for use of paper, card and boards in everyday products.	Sketching and technical drawing skills	Progress recorded through use of tracker spreadsheet	Cuit HW set on Texas
Spring 1	Mock NEA - Encouraging a healthy lifestvle - development of a final product	Final design is developed from chosen initial design. Refining design ideas into dear plans - orthographic & isomentric drawing, Further research into materials. Modelling strategies such as: block modelling with styrofoam, creating packaging nets, laser out structures logo research page (an also be used for NRA)	3. The impact of forces and stresses on materials and objects and the ways in which materials can be reinforced and stifened The behaviour of papers and board under forces or stress. Reinforcement of papers and boards by corrugating, fidding, gluing. Stifening papers and boards by increasing thickness,	Design strategies: isomentric drawing / 2 pt perspective / orthographic drawing. Model making	Progress recorded through use of tracker spreadsheet	End of wit test - marked out of 50
Spring 2	<u>Mock NEA -</u> Encouraging a healthy lifestyle - Making of prototype	work through use of appropriate model techniques, including CA/CAM. Laser cutting, 3D printing, Developing surface	4. Stock offers, types and sizes in order to abladiet and determine the quantity of materials or components required Standard sizes of papers and boards. Le. rolls, AS, A4, A3. - Paper is massured in grams per square metre.	CAD/CAM, Modelling, addition and wasting processes	Progress recorded through use of tracker spreadsheet	Quiz HW set on Teams
Summer 1	Mori MFA Economicina a bealthy. Hervyte. Fouliartica.	Making of final product. Evaluation: against spec and party, final modifications	5. Alternative processes that can be used to manufacture products to different scales of production. Wastage/Addition. * The advantages and disadvantages of producing products with advantages and disadvantages of high volume, continuous products. * Insue Advantages and Stadvantages of high volume. * Insue related to high volume production. * Respeas. * Pre-press. * Pre-press. * Pre-press. * Pre-press. * Optimation. * Pre-press. * Optimation. * Opt	Making techniques	Progress recorded through use of tracker spreaduleet	Cuid HW set on Teams
Summer 2	<u>NEA - Analysis of</u> Brief/s Research section	NEA briefs analysed. Mind Map, Posuble outcomes investigated, Product analysis, Questionnaire, Mood Boards (continued into '11)		Research techniques	Progress recorded through use of tracker spreadsheet. Mock exam result	Mock Earn: students to sit past paper in exam conditions - Mark Scheme out of 100 NEA Researd section - Marked out of 10: