KEVICC KS3 Curriculum: Design & Technology	Subject: Product Design CAD/CAM Woodworking Module.	Key terms and vocabulary.
Year: 9 Term: Various	Topic: Laser cut frame/design strategies. Exploring different design strategies to develop a frame based on user needs.	Which words will be explicitly taught & how frequently will understanding be checked? How will
 creative concepts through a Refine critical appraisal skills and existing product analys Enrich design and manufact to a range of design contex notation structure). Improve awareness of safet sanding, drilling. Improve problem solving skill sketching, modelling, CAD v Understanding the different useful in different ways to de Have knowledge of the different wood joints and other mate Use different tools on 2D dest the initial frame. 	And this unit? What do students need tochniques that allow the development ofsketching modelling and reflection.in relation to new design opportunitiesis.turing vocabulary that can be appliedts. (Use of ACCESS FM evaluation andy in relation to sawing, laser cutting, beltls in evolution of a frame unit throughvork and realisation.design strategies and how these can beevelop a product.erent types of manufactured boards,rials such as metal and acrylic.sign to create the form and pattern forations for the frame by exploring usernalysis.How does this content link to futurelearning?All research, analysis, design andmaking skills are directlytransferrable to other D&T areas andcurriculums. Content is linked toboth the GCSE and 'A' Levelcourses.system following discussions andquestioning. Notes are made duringthe research, designing,	checked? How will assimilation of new vocab be checked? Vocabulary regularly tested verbally in class and also tested at end of module unit test. Key Words. Aesthetics Customer Cost Environmental Safety Scale/Size Function Materials Ergonomics Social and Moral Issues Inclusion Process CAD CAM Doweling Fixings User needs Design strategies Collaboration Product analysis

Key assessments: How will students review the information learned? How will feedback be seen?	
Students will peer assess and self evaluate ideas, skills and knowledge	
formally midway through the project. Students will complete as baseline test to indicate existing knowledge of	
subject. Staff will use baseline test to check progress, against formal midway and	
end of cycle assessments	
Staff will assess work on design research & design sheets, the practical itself and evaluation and sketched improvements. Peer assessment will also	
occur at design stages as part of the selection process.	