RESISTANT MATERIALS

YEAR 11

problem. this. a multitude of Design, NEA Development NEA Planning Ongoing theory and exam Prior Learning The exam is designed to test Engineering and Architecture Students use a range of techniques to move the processes they will use, including a time Ongoing theory and exam Prior Learning The exam is designed to test students on their knowledge and all of work that can be taken to any interview and shows a range of of work that can be taken to any interviewing the user about their ideas and how they can be improved. Students will revisit the theory students on their knowledge. Drogoing theory and exam Prior Learning The exam is designed to test students on their knowledge and all theory throughout years 7 - 11 is building for this exam. building for this exam. any career pathway. NEA Making NEA Evaluating Students evaluate their work against their intentions, get user feedback and test the product. Students will revisit the theory studied in year 10 and answer exam style questions to embed the knowledge. All making completed throughout the skills required to make a quality product from wood, metals, plastics, fabric and card. Performance virtues of determination, motivation and perseverance are harnessed when completing long-term groupset. NEA Making NEA Evaluating Students will revisit the theory studied in year 10 and answer exam style que		AUTU	ΜN	1		CAREERS LINKS	
NEA Development NEA Planning Ongoing theory and exam questions Prior Learning The exam is designed to test students on to a final solution, through model making, trials and tests in different materials and processes and by interviewing the user about their ideas and how they can be improved. Students plan the materials they need and the processes they will use, including a time plan and risk assessment for the making task. Students will revisit the theory studied in year 10 and answer exam style questions to embed the knowledge. Prior Learning The exam is designed to test students von their knowledge and all theory throughout years 7 - 1 is building for this exam. type qualifications. This course provides pupils with a portfolio of work that can be taken to any interview and shows a range of transferrabes skills into almost any career pathway. NEA Making Students will explore their work against their intentions, get user feedback and test the product in a real situation. NEA Fauluating. Students will revisit the theory students will revisit the theory students are target make a quality product from wood, metals, plastics, fabric and card. knowledge. Prior Learning Prior Learning EVALATER LINKS Students will revisit the theory students are endoging therwise against their intentions, get user feedback and test the product in a real situation. Ongoing theory and exam questions to embed the knowledge. Prior Learning Prior Learning Evaluatins skills are taupht throughout the subject but paraticuary non t	Students research their context by conducting a user interview, completing a site visit, studying existing products, disassembling a product and analysing it and any other relevant research for their chosen	Students generate a range of ideas, hand drawn and through modelling analyse how their ideas meet the nee	and	questions Students will revisit the theory studied in year 10 and answer exam style questions to embed the	NEA is designed to demonstrate all learning to date from iteration projects in 7 (Innovation), 8 (Lighting), 9 (Garden) and 10 are specifically designed to build up to	to students about future pathways. This course can lead to vocational apprenticeships in a range of areas as well as on to A 'level Product design and then	
NEA Development NEA Planning Ongoing theory and exam guestions Prior Learning Prior Learning provides public with a portfolio of work that can be taken to any interviewing the user about their ideas and how they can be improved. Prior Learning Prior Learning provides public with a portfolio of work that can be taken to any interviewing the user about their ideas and how they can be improved. Prior Learning Prior Learning provides public with a portfolio of work that can be taken to any interview and shows ariange of transferrable skills into almost any career pathway. NEA Making NEA Valuating, Students will revisit the theory studient is use a range of materials and techniques to manufacture their product. NEA Evaluating, interview and shows ariange of transferrable skills into almost any career pathway. Prior Learning All making completed throughout the school build the skills required to meanufacture their product. Performance virtues of determination, motivation and persevere are harnessed when completing long-term projects and assignments that are ongoing. Intellectual virtues of critical tinking, judgement throughout the subject but particularly on the Sarden project in year 10. Prior Learning All making completed throughout the school build the skills reading. Prior Learning All making completed throughout the school build the skills reading. Students will revisit the theory studied in product in a real situation. Ongoing theory and exam questions. students will revisit the theory studied in year 10 and answer exam style questions to embed the knowledge. Prior Learning Prior Learning Students wi	AUTUMN 2						
NEA Making NEA Evaluating Ongoing theory and exam Prior Learning All making completed throughout Performance virtues of Students use a range of materials and techniques to manufacture their product. Students evaluate their work against their intentions, get user feedback and test the product in a real situation. Ongoing theory and exam questions. Prior Learning All making completed throughout the school build the skills required to make a quality product from wood, metals, plastics, fabric and card. Performance virtues of Students evaluate their work against their intentions, get user feedback and test the product in a real situation. Ongoing theory and exam questions. Prior Learning Prior Learning Evaluation skills are taught throughout the subject but particularly on the Garden project in year 10. KEY ASSESSMENT Students will show any knowledge gaps or techniques that need revisiting, also this is the time to reinforce some to the more difficult topics to ensure they are fresh in the students' minds. Prior Learning Revision reinforces knowledge covered throughout all areas of Practice questions are ongoing theory and assessment will take place	Students use a range of techniques to move their initial ideas on to a final solution, through model making, trials and tests in different materials and processes and by interviewing the user about their ideas and	Students plan the materials they nee the processes they will use, including	a time	questions Students will revisit the theory studied in year 10 and answer exam style questions to embed the	The exam is designed to test students on their knowledge and all theory throughout years 7 – 11 is	of work that can be taken to any interview and shows a range of transferrable skills into almost	
NEA Making NEA Evaluating Ongoing theory and exam questions Prior Learning determination, motivation and perseverance are harnessed when completing long-term product in a real situation. Students use a range of materials and techniques to manufacture their product. Students evaluate their work against their intentions, get user feedback and test the product in a real situation. Prior Learning All making completed throughout the skills required to make a quality product from wood, metals, plastics, fabric and card. determination, motivation and perseverance are harnessed when completing long-term projects and assignments that are ongoing. Intellectual virtues of critical thinking, judgement and reflection are fostered when completing long-term project in a real situation. Students evaluate their work against their intentions, get user feedback and test the product in a real situation. Ongoing theory and exam questions. Students will revisit the theory studied in year 10 and answer exam style questions to embed the knowledge. Prior Learning KEY ASSESSMENT DATER 1 Students evaluate their work against their intentions, get user feedback and test the product in a real situation. Students will revisit the theory studied in year 10 and answer exam style questions to embed the knowledge. Prior Learning KEY ASSESSMENT DATER 1 Ongoing testing will show any knowledge gas or techniques that need revisiting, also this is the time to reinforce some to the more difficult topics to ensure they are fresh in the students' minds. Prior Learning<		CHARACTER LINKS					
SPRING 2 and reflection are fostered wher NEA Evaluating, Ongoing theory and exam questions. Prior Learning Students evaluate their work against their intentions, get user feedback and test the product in a real situation. Students will revisit the theory studied in year 10 and answer exam style questions to embed the knowledge. Prior Learning SUMMER 1 Students will revisit the time to reinforce some to the more difficult topics to ensure they are fresh in the students' minds. Prior Learning Prior Learning Prior Learning Prior Learning Revision reinforces knowledge Prior Learning Ongoing testing will show any knowledge gaps or techniques that need revisiting, also this is the time to reinforce some to the more difficult topics to ensure they are fresh in the students' minds. Prior Learning Revision reinforces knowledge covered throughout all areas of during whole school assessment	Students use a range of materials and	Students evaluate their work against intentions, get user feedback and te		questions Students will revisit the theory studied in year 10 and answer exam style questions to embed the	All making completed throughout the school build the skills required to make a quality product from wood,	determination, motivation and perseverance are harnessed when completing long-term projects and assignments that are ongoing. Intellectual virtues	
NEA Evaluating, Ongoing theory and exam questions. Prior Learning ideas and presentation skills. Students evaluate their work against their intentions, get user feedback and test the product in a real situation. Students will revisit the theory studied in year 10 and answer exam style questions to embed the knowledge. Fvaluation skills are taught throughout the subject but particularly on the Garden project in year 10. KEY ASSESSMENT DATES Students will show any knowledge gaps or techniques that need revisiting, also this is the time to reinforce some to the more difficult topics to ensure they are fresh in the students' minds. Prior Learning Revision reinforces knowledge covered throughout all areas of Practice questions are ongoing throughout all areas of	SPRING 2					and reflection are fostered when	
SUMMER 1 Prior Learning Practice questions are ongoing Ongoing testing will show any knowledge gaps or techniques that need revisiting, also this is the time to reinforce some to the more difficult topics to ensure they are fresh in the students' minds. Prior Learning Revision reinforces knowledge covered throughout all areas of Attraction of throughout all areas of	Students evaluate their work against their intentions, get user feedback and test the		Stude	ents will revisit the theory studied in 0 and answer exam style questions to	Evaluation skills are taught throughout the subject but particularly on the Garden project in	ideas and presentation skills.	
Prep for exam, Prior Learning Ongoing testing will show any knowledge gaps or techniques that need revisiting, also this is the time to reinforce some to the more difficult topics to ensure they are fresh in the students' minds. Prior Learning Revision reinforces knowledge covered throughout all areas of throughout the year but formal assessments will take place during whole school assessment							
		Ongoing testing will show any knowledge gaps or techniques that need revisiting, also this is th			Revision reinforces knowledge covered throughout all areas of	assessments will take place during whole school assessment	