Term	Autumn 1

Topics Covered	**GCSE Controlled Assessment: Design and Development Sections.**
	This will include the following topics:
	   - Using sources of inspiration
	   - Design sketching for presentation
	   - Computer Aided Design (2D and 3D)
	   - Sketch modelling (Rough prototypes)
	   - Methods of getting feedback

Expectations Challenge and Support	All students will produce an A3 PowerPoint format portfolio of evidence that will contain all of their controlled assessment work across the year and will be printed to send to the exam board for moderation at the end. Students will be encouraged to work on projects that will enable them to meet or exceed their target grades. Although specific feedback is not strictly permitted it is essential that students are all guided towards projects that allow them to achieve an appropriate grade.
Assessment opportunities	Students will be assessed on their knowledge and skills during lessons to aid the retrieval of information held in their long-term memory. These tasks will be chosen from four key areas of knowledge associated with design and technology that include: literacy, design, practical skills and processes. They will also have one summative assessment per half term. Students will be given formal feedback on these areas against a set of assessment criteria and additional feedback in the form of a strength, to improve and accuracy comment with a space provided for a student response.
Homework	Students will be set exam style questions each week on show my homework. These will focus on retrieval of information learned within theory lessons and practical tasks. The aim of these homework tasks is to revisit previous learning; applying knowledge within a variety of contexts in order to build stronger cognitive links.
Vocabulary	Hyperlink to GCSE vocab dictionary to be added later.

Term	Autumn 2

Topics Covered	**GCSE Controlled Assessment: Manufacturing Section.**
	This will include the following topics:
	   - Practical skills within a mainly timber context
	   - Evidencing practical work
	   - Risk assessment and planning
	   - Quality control and tolerance

Expectations Challenge and Support	All students will produce an A3 PowerPoint format portfolio of evidence that will contain all of their controlled assessment work across the year and will be printed to send to the exam board for moderation at the end. Students will be encouraged to work on projects that will enable them to meet or exceed their target grades. Although specific feedback is not strictly permitted it is essential that students are all guided towards projects that allow them to achieve an appropriate grade.
Assessment opportunities	Students will be assessed on their knowledge and skills during lessons to aid the retrieval of information held in their long-term memory. These tasks will be chosen from four key areas of knowledge associated with design and technology that include: literacy, design, practical skills and processes. They will also have one summative assessment per half term. Students will be given formal feedback on these areas against a set of assessment criteria and additional feedback in the form of a strength, to improve and accuracy comment with a space provided for a student response.

Homework	Students will be set exam style questions each week on show my homework. These will focus on retrieval of information learned within theory lessons and practical tasks. The aim of these homework tasks is to revisit previous learning; applying knowledge within a variety of contexts in order to build stronger cognitive links.
Vocabulary	Hyperlink to GCSE vocab dictionary to be added later.

Term	Spring 1

Topics Covered	**GCSE Controlled Assessment: Testing and Evaluation Section.**
	This will include the following topics:
	   - Methods for testing products
	   - Comparison to design criteria
	   - Methods for getting feedback on ideas
	   - Life cycle assessment

Expectations Challenge and Support	All students will produce an A3 PowerPoint format portfolio of evidence that will contain all of their controlled assessment work across the year and will be printed to send to the exam board for moderation at the end. Students will be encouraged to work on projects that will enable them to meet or exceed their target grades. Although specific feedback is not strictly permitted it is essential that students are all guided towards projects that allow them to achieve an appropriate grade.
Assessment opportunities	Students will be assessed on their knowledge and skills during lessons to aid the retrieval of information held in their long-term memory. These tasks will be chosen from four key areas of knowledge associated with design and technology that include: literacy, design, practical skills and processes. They will also have one summative assessment per half term. Students will be given formal feedback on these areas against a set of assessment criteria and additional feedback in the form of a strength, to improve and accuracy comment with a space provided for a student response.
Homework	Students will be set exam style questions each week on show my homework. These will focus on retrieval of information learned within theory lessons and practical tasks. The aim of these homework tasks is to revisit previous learning; applying knowledge within a variety of contexts in order to build stronger cognitive links.
Vocabulary	Hyperlink to GCSE vocab dictionary to be added later.

Term	Spring 2

Topics Covered	**Revision for the timber specialism section of the exam.**
	This will include the following topics:
	   - Sources of timber
	   - Selection of timber
	   - Strengthening timber
	   - Stock forms and sizes
	   - Manufacturing processes
	   - Equipment and processes used to make prototypes
	   - Surface treatments and finishes

Expectations Challenge and Support	Students will be given a wide range of exam style questions to choose from that meet or exceed their level of working. Those in need of additional support will be given the aid of differentiated worksheets/questions and extra time.
Assessment opportunities	Students will be assessed on their knowledge and skills during lessons to aid the retrieval of information held in their long-term memory. These tasks will be chosen from four key areas of knowledge associated with design and technology that include: literacy, design, practical

	skills and processes.
	They will also have one summative assessment per half term. Students will be given formal feedback on these areas against a set of assessment criteria and additional feedback in the form of a strength, to improve and accuracy comment with a space provided for a student response.
Homework	Students will be set exam style questions each week on show my homework. These will focus on retrieval of information learned within theory lessons and practical tasks. The aim of these homework tasks is to revisit previous learning; applying knowledge within a variety of contexts in order to build stronger cognitive links.
Vocabulary	Hyperlink to GCSE vocab dictionary to be added later.

Term	Summer 1
Topics Covered	**Revision for the core knowledge section of the exam.** This will include the following topics: - Energy generation and storage - Smart and composite materials - Mechanical devices used to produce movement - Investigation and analysis of the work of design professionals and companies to inform design - Metals - Papers and boards - Polymers - Systems and control - Fibres and textiles - Presentation of design ideas - Maths in practice
Expectations Challenge and Support	Students will be given a wide range of exam style questions to choose from that meet or exceed their level of working. Those in need of additional support will be given the aid of differentiated worksheets/questions and extra time.
Assessment opportunities	Students will be assessed on their knowledge and skills during lessons to aid the retrieval of information held in their long-term memory. These tasks will be chosen from four key areas of knowledge associated with design and technology that include: literacy, design, practical skills and processes. They will also have one summative assessment per half term. Students will be given formal feedback on these areas against a set of assessment criteria and additional feedback in the form of a strength, to improve and accuracy comment with a space provided for a student response.
Homework	Students will be set exam style questions each week on show my homework. These will focus on retrieval of information learned within theory lessons and practical tasks. The aim of these homework tasks is to revisit previous learning; applying knowledge within a variety of contexts in order to build stronger cognitive links.
Vocabulary	Hyperlink to GCSE vocab dictionary to be added later.