

Alcester Academy Curriculum Planning: Assessment in Design and Technology

	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn 1 (Rotations vary depending on room access)	<p><u>What:</u> Food preparation and nutrition.</p> <p><u>How:</u> Practical assessments including fruit salad and scones. Students will be assessed on their approach to hygiene and safety as well as skills used to prepare food. Throughout this half term students will be assessed using the oven.</p> <p><u>When:</u> Levelling of work at week 6.</p>	<p><u>What:</u> Cushion cover project</p> <p><u>How:</u> Communication of design ideas in the sketchbook. Looking at how the research has been used to inform design decisions.</p> <p><u>When:</u> Levelling of work at week 6.</p>	<p><u>What:</u> Wall hanging project/Bridge project</p> <p><u>How:</u> Using research to write a detailed and justified specification. This will take into account client/user needs.</p> <p><u>Week:</u> Levelling of work at week 6.</p>	<p><u>What:</u> Looking at the work of past and present designers. Students will be marked on their research and how they interpret this to create their own design ideas.</p> <p><u>How:</u> A variety of design ideas fully annotated using ACCESSFM.</p> <p><u>When:</u> Levelling of work at week 6.</p>	<p><u>What:</u> NEA</p> <p><u>How:</u> Students have marking criteria from AQA to follow.</p> <p><u>When:</u> Ongoing</p>
Autumn 2	<p><u>What:</u> Food preparation and nutrition.</p> <p><u>How:</u> Students will be assessed on practical work including pasta</p>	<p><u>What:</u> Cushion cover practical work</p> <p><u>How:</u> Use of computers to produce an image for the dye-sublimation</p>	<p><u>What:</u> Wall hanging/ Arch and keystone project</p> <p><u>How:</u> Students in textiles will work individually to make a wall hanging for</p>	<p><u>What:</u> Using the research from autumn 1 students will begin to make their chosen item.</p> <p><u>How:</u> The focus is on</p>	<p><u>What:</u> NEA</p> <p><u>How:</u> Students have marking criteria from AQA to follow.</p> <p><u>When:</u></p>

	<p>salad and Pizza breads. During this half term students will be assessed using the hob and the grill.</p> <p><u>When:</u> week 12.</p>	<p>print on the front of the cushion cover. Making a pattern to work from. Use of the sewing machine to construct and decorate the cushion cover. Inserting a button hole on the back panel of the cushion cover.</p> <p><u>When:</u> Week 12</p>	<p>their chosen client. The focus is on pockets, decoration and overall construction of the finished product.</p> <p>Students in woodwork will work in pairs to create an arch, they will be assessed on measuring angles, using a variety of tools and equipment and working to a tolerance.</p> <p><u>When:</u> Week 12</p>	<p>construction techniques using darts to make a garment fit the body. Students will be required to insert a fastening; this could be a zip, eyelet holes, hook and eye or buttons. I will be looking for independence during the practical element of this project.</p> <p><u>When:</u> Week 12</p>	<p>Ongoing</p> <p>Mock exam</p>
Spring 1	<p><u>What:</u> Research and specification.</p> <p><u>How:</u> Students will carry out research in lessons as well as for homework. They will then use this to write a detailed specification for the planner cover they will make.</p> <p><u>When:</u> Week 18</p>	<p><u>What:</u> 2D design and knowledge of components.</p> <p><u>How:</u> Written work presented in sketchbooks showing knowledge of the different components. 2D design work for the housing of the night light.</p> <p><u>When:</u> Week 18</p>	<p><u>What:</u> Little dresses for Africa</p> <p><u>How:</u> Students in textiles will be assessed on their dyeing and printing skills as well as using bias binding to neaten the raw edge of fabric.</p> <p>Students in woodwork will be assessed on their research of past and present designers. They will use their research to write a detailed and justified specification for their lamp project.</p>	<p><u>What:</u> Knowledge of the core content in preparation for the written exam in year 11.</p> <p><u>How:</u> Exam paper questions at regular intervals.</p> <p><u>When:</u> Week 18</p>	<p><u>What:</u> NEA</p> <p><u>How:</u> Students have marking criteria from AQA to follow.</p> <p><u>When:</u> Ongoing</p> <p>Mock exam</p>

			<u>When:</u> Week 18		
Spring 2	<p><u>What:</u> Personalised planner cover with a pocket.</p> <p><u>How:</u> Students will be assessed on their practical skills. This will include accuracy of measuring and fitting the fabric to the school planner. They will be assessed on their sewing machine skills and accuracy of stitching.</p> <p><u>When:</u> Week 24</p>	<p><u>What:</u> Soldering a circuit using a printed circuit board.</p> <p><u>How:</u> Health and safety when using soldering irons. A fully working circuit with an LED that cycle through a variety of colours.</p> <p><u>When:</u> Week 24</p>	<p><u>What:</u> Dresses/shorts or lamp</p> <p><u>How:</u> Students in textiles will create a dress/shorts for a child in Africa. They will use a pillow case and dye/print the fabric by hand. It will be decorated with machine embroidery. The edges will be finished with bias binding in a contrasting colour.</p> <p>Students in woodwork will be assessed on their knowledge of circuits as well as their practical piece.</p> <p><u>When:</u> Week 24</p>	<p><u>What:</u> Knowledge of the core content in preparation for the written exam in year 11.</p> <p><u>How:</u> Exam paper questions at regular intervals.</p> <p><u>When:</u> Week 24</p>	<p><u>What:</u> Revision and practise exam questions.</p> <p><u>How:</u> Past papers</p> <p><u>When:</u> Week 24</p>
Summer 1	<p><u>What:</u> Knowledge of tools and equipment. Use of 2D design software.</p> <p><u>How:</u> Students will produce a risk assessment for the tools they will be using in the workshop for the</p>	<p><u>What:</u> Food practical lessons and knowledge of food from around the world.</p> <p><u>How:</u> Students will understand how different ingredients complement each other</p>	<p><u>What:</u> Beach bags/Bird boxes</p> <p><u>How:</u> Students in textiles will be assessed on their design ideas as well as their knowledge of components. They will source their own</p>	<p><u>What:</u> NEA tasks are introduced. Students will carry out independent research to decide which project they will follow.</p> <p><u>How:</u> A portfolio of evidence</p>	Course finished

	<p>moneybox project. They will also produce a design using 2D design software which will be assessed.</p> <p><u>When:</u> Week 30</p>	<p>and use these when making dishes from around the world.</p> <p><u>When:</u> Week 30</p>	<p>pattern and work out quantities of fabrics and components needed for the product.</p> <p>Students in woodwork will be given a specification and instructions. They will use these to create identical pieces of practical work. A tolerance will be set at the beginning of the project. Students will use hand drills, pillar drill and saws during this project.</p> <p><u>When:</u> Week 30</p>	<p>including primary and secondary data will be used. All research will inform the design decisions made at a later stage. An assessment grid from the exam board will be given to all students to display in their folders.</p> <p><u>When:</u> Week 30</p>	
Summer 2	<p><u>What:</u> Moneybox frame using lap joints.</p> <p><u>How:</u> Practical pieces will be assessed looking in particular at the construction using the lap joint. The accuracy of the money slot as well as the overall appearance of the box with when it's assembled.</p>	<p><u>What:</u> Multicultural foods</p> <p><u>How:</u> Students will understand how different ingredients complement each other and use these when making dishes from around the world. Students knowledge of nutritional information will also be tested.</p>	<p><u>What:</u> Beach bag/bird box</p> <p><u>How:</u> Students will be making a lined beach bag with an internal pocket. The bag will be decorated using a variety of decorative techniques.</p> <p>Students in woodwork will be making bird boxes and testing them against the criteria.</p>	<p><u>What:</u> A portfolio of evidence including primary and secondary data will be used. All research will be analysed and used to write a detailed and justified design brief and specification.</p> <p><u>How:</u> Ongoing NEA, students to independently use the exam board assessment criteria.</p>	Course finished

	<u>When:</u> Week 36	<u>When:</u> Week 36	<u>When:</u> Week 36	<u>When:</u> Week 36	
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