

# D&T CURRICULUM MAP

BASSINGBOURN VILLAGE COLLEGE  
AUTUMN 2020

CURRICULUM DELIVERY	During Years 7 and 8, students work through a scheme of learning which develops the skills necessary to be successful if they choose to study a Technology subject to study in Years 9 - 11. Students will complete a rotation of activities throughout the year. The order shown below is an example of what a typical student will complete at BVC. The rotation is based on ensuring the best use of our facilities and to enable all students to have the opportunity of experiencing the different Technology areas.		
CURRICULUM AIMS	Design and Technology touches on every aspect of our everyday lives and works with Science, Maths and ICT to design and make products that meet the needs of different user groups. Our curriculum is designed to ensure students have experience of the different technological areas and can relate the activities they do to the wider world.		
CURRICULUM CONTENT	AUTUMN TERM	SPRING TERM	SUMMER TERM
Year 7	<p>All design based projects are based on the theme of nature</p> <p>Foundation skills course- health and safety technical drawing skills, 3D drawing skills- Oblique, labelling and annotation, research and presentation skills.</p> <p>Graphic design module- lettering skills, designing and making a 'net', creating a piece of packaging, recycling and sustainability- including formal assessment</p>	<p>Food- Healthy Eating- food safety and hygiene. Eatwell guide and 8 top tips for healthy eating, basic food preparation skills using flip learning should practical lessons not be able to take place. Understanding nutrients and their function in the body, reducing food waste by menu planning and composting.</p> <p>Textiles- Bugglies- health and safety, 3 methods of fabric construction, design skills, hand sewing skills, learning how to make a template, creating a soft toy, understanding how to design products to meet the needs of an intended user</p>	3D Design- Pop-up project. Designing and making pop-up cards for a range of occasions, understanding the properties of papers and boards, sustainability, design skills, paper engineering, artist research- Robert Sabuda
Year 8	<p>All design based projects are based on the theme of Stories myths and legends</p> <p>Foundation skills- health and safety technical drawing skills, 3D drawing skills- Isometric, labelling and annotation, research and presentation skills.</p> <p>Graphic design module- brand identity- including formal assessment</p>	<p>Food- Picnic project. Food safety and hygiene, the 4 C's, revision of the Eatwell guide and 8 top tips for healthy eating, energy balance, food preparation skills using flip learning should practical lessons not be able to take place.</p> <p>Textiles- Wall-hanging project- designing to meet the needs of an intended user, evaluation skills, tie- dye and stenciling, use of dye- sublimation and the sewing machine. If practical lessons are not able to take place, this will be replaced with the upcycled fashion project- this will focus on sustainability and focused practical sessions on hand sewing skills to turn an old item of clothing into something new.</p>	3D Design- Diorama project- design skills, understanding dioramas, model boxes and other cultural forms of diorama. Making a shadow puppet, designing and construction of a diorama in a small tin or box

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<p style="text-align: center;">Year 9</p>	<p>Hospitality &amp; Catering- Introduction to Hospitality &amp; Catering. Breakdown of course and what will be studied. Lesson expectations. Health &amp; Safety Equipment, small and large. Accident prevention and Risk assessment. Health and Safety Legislation &amp; Risk Assessment – hygiene and bacteria, ASC &amp; HACCC</p> <p>Practicals may change due to logistics and advice from PHE/ Government Knife skills: Cous Cous Salad, Minestrone, Chow Mein, Quiche, Goujons Dough: Bread rolls, shaped breads, flat breads, Pizzas dough</p> <p>GCSE D&amp;T- Learning Cube project moved to after half term due to logistics with practical lessons and equipment. Theory lessons to start with-topic Design Communication</p> <p>GCSE 3D Design- Foundation skills, Formal Elements Introduction to 3D Design, Health and Safety, of Art, *Artist Research Independent learning skills Colour mixing, drawing /sketching</p> <p>BTEC Construction – Unit 3 Scientific and Mathematical Applications for Construction. Practical lessons – developing skills in Carpentry Unit 1: Construction Technology – exam unit.</p>	<p>Hospitality &amp; Catering- Nutrition: Nutrients and deficiencies. Nutrition and life-stages – Health eating, life stages. Cooking to maintain nutrition.</p> <p>Practicals may change due to logistics and advice from PHE/ Government Pastry par 1: Turnover, pastry cakes, spring rolls, sweet tarts, chocolate tart, lattice top pie. Cakes and puddings Sweets: Meringues, Swiss rolls, decorated cakes.</p> <p>GCSE D&amp;T- Complete learning cube project. Theory topics- identifying requirements and learning from existing products and practice.</p> <p>GCSE 3D Design- Paper project portfolio work *Artist research, written and practical analysis of others work. Exploring properties, sculpture skills modelling and constructing with paper and card. Visualisers used for demos</p> <p>BTEC Construction – Unit 3 Scientific and Mathematical Applications for Construction. Practical lessons – developing skills in Carpentry Unit 1: Construction Technology – exam unit.</p>	<p>Hospitality &amp; Catering- the structure of hospitality and catering industry. The hospitality and catering industries meet customer needs.</p> <p>Practicals may change due to logistics and advice from PHE/ Government Simple meat dishes: Meatballs, burgers, fish cakes (tinned fish) Medium skill meat dishes: Fish Pie, Chicken Curry, Scotch Egg</p> <p>GCSE D&amp;T- Bag project- shortened to fit in by end of year. Theory topics- implications of wider use. Material considerations moved to 1<sup>st</sup> term Year 10.</p> <p>GCSE 3D Design Protests project #SMSC portfolio work based project looking at recent protests. *Artist research, written and practical analysis of others work. Exploring a range of creative sources through a variety of media resulting in a final outcome</p> <p>BTEC Construction – Unit 3 Scientific and Mathematical Applications for Construction. Practical lessons – developing skills in Carpentry Unit 1: Construction Technology – exam unit.</p>
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<p>Year 10</p>	<p>Hospitality &amp; Catering- Health and Safety In industry – hygiene and bacteria, ASC &amp; HACCP Equipment, small and large. Accident prevention and risk assessment Menu Planning Nutrition</p> <p>Practical lesson – practicals may change due to logistics and advice from PHE/Government Knife skills: cous cous salad, chow mein, minestrone Dough: shaped bread, flavoured bread, mini pizza</p> <p>Pastry Part 2: Simple pastry and cakes simple Pastry: pate cucre, lattice top pie, chicken pie Cakes: swiss roll, Victoria sponge, ginger bread Dough: enriched dough, brioche/focacai</p> <p>GCSE D&amp;T- Complete bag project and focus on missing theory work from lockdown. New learning- theory- New and emerging technologies. Training to work electronically in case of further lock downs.</p> <p>GCSE 3D Design- Foundation skills, Formal Elements Introduction to 3D Design, Health and Safety, of Art, *Artist Research Independent learning skills Colour mixing, drawing /sketching Re-visiting and developing key skills</p> <p>- Natural forms Portfolio work continuation from last term (only briefly started), teacher led workshops to meet assessment objectives. Heavily drawing based project in a variety of media, artist research.</p> <p>BTEC construction – Unit 2 Construction and Design Unit 7 Exploring brick and block work principles and techniques Unit 1: Construction Technology exam unit</p>	<p>Hospitality &amp; Catering- what makes business successful? Menu planning, meeting customer needs, portion control, budgeting, seasonality and sustainability, menu planning, time plans. The structure of the Hospitality and Catering industries, job requirements and the functions and FOH</p> <p>Practical lessons – practicals may change due to logistics and advice from PHE/Government</p> <p>Meat &amp; Eggs: meat, fish pie, meatballs, scotch eggs, eggs Meringues, custard, lemon meringue pie</p> <p>Pastry and complex meat dishes: filleting, skinning, deboning Complex pastry: ruff puff, croissants, choux Complex meat dishes: chicken kiev, rolled chicken, battered fish</p> <p>GCSE D&amp;T- Sustainable living project- extended as mock NEA as not enough time to complete other projects and do catch-up- this has been extended to encompass all skills in other projects. Theory topic- In-depth knowledge fibres and fabrics- properties of materials.</p> <p>GCSE 3D Design- continuation of Natural forms portfolio work. Drawing in a variety of media, artist research, maquettes and models, exploring ideas before reaching a variety of smaller outcomes. 3D media to be decided closer to project time in-line with guidelines</p> <p>-Intro into Weird and wonderful portfolio project. Initial topic research</p> <p>BTEC construction – Unit 2 Construction and Design Unit 7 Exploring brick and block work principles and techniques Unit 1: Construction Technology exam unit</p>	<p>Hospitality &amp; Catering- Environmental impacts Mock NEA</p> <p>GCSE D&amp;T- Sustainable living project- extended as mock NEA as not enough time to complete other projects and do catch-up- this has been extended to encompass all skills in other projects. Theory topic- In-depth knowledge fibers and fabrics- Manipulating and joining, structural integrity. NEA to start on 1<sup>st</sup> June- required to work electronically.</p> <p>GCSE 3D Design- Weird and wonderful portfolio project. Opportunity for stage makeup/body adornment etc. but will need evaluation of suitability nearer the time. Artist analysis and research drawing in a range of media, modelling and making resulting in one or more final outcomes</p> <p>Mini mock project dependent on AQA spec guidelines</p> <p>BTEC construction – Unit 2 Construction and Design Unit 7 Exploring brick and block work principles and techniques Unit 1: Construction Technology exam unit</p>
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<p>Year 11</p>	<p>Hospitality &amp; Catering- Mock NEA- improvement &amp; Unit 1 prep</p> <p>GCSE D&amp;T- NEA as planned till December. Revision and recap of theory topics taught in Years’ 9 &amp; 10.</p> <p>GCSE 3D Design- Foundation skills, Formal Elements Introduction to 3D Design, Health and Safety, of Art, *Artist Research Independent learning skills Colour mixing, drawing /sketching Re-visiting and developing key skills</p> <p>Independent project continuation from last term (only briefly started) First independently led project, teacher led workshops to meet assessment objectives. Drawing in a variety of media, artist research, maquettes and models, exploring ideas before reaching one or more outcomes</p> <p>BTEC construction – revision for exam unit with exam in January</p>	<p>Hospitality &amp; Catering- NEA</p> <p>GCSE D&amp;T- Theory- mechanical devices and electronic systems, finishes, manufacturing methods.</p> <p>Recap of prior skills and knowledge through focused practicals and a variety of revision techniques.</p> <p>GCSE 3D Design-Independent project) independently led project, teacher led workshops to meet assessment objectives. exploring ideas before reaching one or more outcomes in chosen media (in-line with guidelines)</p> <p>Architecture project, to accompany existing work on similar topic portfolio work *Artist research, written and practical analysis of others work. Exploring properties, sculpture skills modelling and constructing with paper and card. Resulting in model buildings</p> <p>Completion of assessed units</p>	<p>Hospitality &amp; Catering- NEA</p> <p>GCSE D&amp;T- Theory- Recap of prior skills and knowledge through focused practicals and a variety of revision techniques.</p> <p>GCSE 3D Design- Portfolio improvements from course to ensure meets all assessment objectives. Opportunity for Stretch and Challenge independent project for those up to date and meeting expectations for 100% coursework assessment.</p>
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ENRICHMENT OPPORTUNITIES	Year 7	Year 8	Year 9	Year 10	Year 11
			<p>Hospitality &amp; Catering Open evening catering, trip to CRC and guest speakers won't happen- using google classrooms as a stream to flag up things that are useful to watch and resource bank of demo's</p> <p>GCSE D&amp;T Will add some good films and videos and online shows to a resource bank for students as theatre and museum trips are not possible.</p> <p>Build a bank of online galleries and 360 tours of exhibitions that students can reference.</p> <p>Keep developing YouTube channel</p> <p>3D Design Opportunity for Knitting and stitching show virtual exhibition? Missed out on Hatfield house trip but potential for sharing more online exhibitions, virtual gallery visits, you tube clips etc.</p>	<p>Hospitality &amp; Catering Open evening catering, trip to CRC and guest speakers won't happen- using google classrooms as a stream to flag up things that are useful to watch and resource bank of demo's</p> <p>GCSE D&amp;T Will add some good films and videos and online shows to a resource bank for students as theatre and museum trips are not possible.</p> <p>Build a bank of online galleries and 360 tours of exhibitions that students can reference.</p> <p>Keep developing YouTube channel</p> <p>3D Design Opportunity for Knitting and stitching show virtual exhibition? Missed out on Hatfield house trip but potential for sharing more online exhibitions, virtual gallery visits, you tube clips etc.</p>	<p>Hospitality &amp; Catering- Open evening catering, trip to CRC and guest speakers won't happen- using google classrooms as a stream to flag up things that are useful to watch and resource bank of demo's</p> <p>GCSE D&amp;T Will add some good films and videos and online shows to a resource bank for students as theatre and museum trips are not possible.</p> <p>Build a bank of online galleries and 360 tours of exhibitions that students can reference.</p> <p>Keep developing YouTube channel</p> <p>3D Design Opportunity for Knitting and stitching show virtual exhibition? Missed out on Hatfield house trip but potential for sharing more online exhibitions, virtual gallery visits, you tube clips etc.</p>

For more information please contact Head of Department Mrs J Lambert on [jlambert@bassingbournvc.org](mailto:jlambert@bassingbournvc.org)