



Curriculum Area Recovery Addendum

Rationale

Due to the disruption caused by the COVID-19 pandemic, a large part of the school year, including some valuable learning time, has had to be delivered through remote learning practices. This is time that needs to be caught-up and this document will outline the process the curriculum team will take in order to ensure students are caught up by September 2021, or earlier if in an examination year.

Curriculum Area: Design & Technology

| WHAT HAVE THE STUDENTS MISSED DURING THE SCHOOL CLOSURE PERIOD? | |
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| Year Group | Summary of what has been missed |
| 7 | <p>The Year 7 cohort would have been taught different Technology Threads as outlined in the Design Technology Curriculum map. The threads will allow the Design Technology content to be taught in an interleaving manner. These projects cover the various skill and design based aspects for Design Technology at a KS3 level.</p> <p>The students would have missed a level of practical skills like;</p> <p>Cooking/Sports Nutrition. Graphics. Woodwork/Electronics. Textiles.</p> <p>Having said that, students were encouraged to engage in these events at home with whatever resources they had available. Students who were fully engaged in this process, produced some fantastic work and given regular feedback.</p> <p>Year 7 students would have completed at least two full rotations of the Design Technology Threads.</p> |



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| | <p>Post 20th March 2020 a learning grid was created for all students to cover KS3 Design Technology skills in each thread. This was to be completed at home. In the final term the students were then advised to attend teacher led Google lessons, based on the design of Cams and Mechanisms. This project would help develop their design brief analysis and the manufacture of an automaton design piece.</p> <p>Students who have engaged fully with this project, would have not missed much of the written curriculum. The different Design Technology Threads had booklets posted on Google classroom to be completed at home. The theory on these would have been completed, albeit some of the practical would have been missed. This theory would be the pillars of Design Technology which interleave each Thread.</p> <p>Most able and gifted students had additional classrooms set out for students to develop their progress further in their Design Technology subject.</p> |
| 8 | <p>The Year 8 cohort would have been taught different Technology Threads as outlined in the Design Technology Curriculum map. The threads will allow the Design Technology content to be taught in an interleaving manner. These projects cover the various skill and design based aspects for Design Technology at a KS3 level.</p> <p>The students would have missed a level of practical skills like;</p> <ul style="list-style-type: none">Cooking/Sports Nutrition.Graphics.Technical Drawing/Woodwork.Textiles. <p>Having said that, students were encouraged to engage in these events at home with whatever resources they had available. Students who were fully engaged in this process, produced some fantastic work and given regular feedback.</p> |



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| | <p>Year 8 students would have completed at least two full rotations of the Design Technology Threads. Post 20th March 2020 a learning grid was created for all students to cover KS3 Design Technology skills in each thread. This was to be completed at home. In the final term the students were then advised to attend teacher led Google lessons, based on iterative design processes and innovation. This project would help develop their design brief analysis and the manufacture of a new product following the iterative design process.</p> <p>Students who have engaged fully with this project, would have not missed much of the written curriculum. The different Design Technology Threads had booklets posted on Google classroom to be completed at home. The theory on these would have been completed, albeit some of the practical would have been missed. This theory would be the pillars of Design Technology which interleave each Thread.</p> <p>Most able and gifted students had additional classrooms set out for students to develop their progress further in their Design Technology subject.</p> <p>An assessment and content gap analysis will be completed in the first month back in September. The existing project booklets will also be posted on the Google classrooms for the students to continue developing their learning over the summer break.</p> |
| 9 | <p>Post 20th March 2020 a learning grid was created for all students to cover KS4 Design Technology skills in both GCSE FPN and BTEC Construction. This was to be completed at home and covered some of the basic drawing skills in construction and food preparation skills in GCSE FPN.</p> <p>In the final term the students were then advised to attend teacher-led Google lessons, based on the content that was planned for the final term of their curriculum maps for both subjects.</p> |



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| | <p>GCSE FPN- Theory has been covered according to the curriculum Map. This is mainly computer based coursework, that students were still able to access virtually. However no practical extension of skills have been carried out and will result in a lack of practical skills in the kitchen.</p> <p>BTEC Construction- Students will have focused on Unit 3, by completing their house designs and drawings trying to get a DN2 grade for this unit. Unit 1 content delivery has already started.</p> |
| 10 | <p>Post 20th March 2020 a learning grid was created for all students to cover KS4 Design Technology skills in both GCSE FPN and BTEC Construction. This was to be completed at home and covered some of the basic drawing skills in construction and food preparation skills in GCSE FPN.</p> <p>In the final term the students were then advised to attend teacher-led Google lessons, based on the content that was planned for the final term of their curriculum maps for both subjects.</p> <p>GCSE FPN- Theory has been covered according to the curriculum Map. This is mainly computer based coursework, that students were still able to access virtually. However no practical extension of skills have been carried out and will result in a lack of practical skills in the kitchen.</p> <p>BTEC Construction- Students will have focused on Unit 3, by completing their house designs and drawings trying to get a DN2 grade for this unit. Unit 1 content delivery has already started.</p> |
| 11 | N/A |
| 12 | N/A |
| 13 | N/A |



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| WHAT ARE YOUR PLANS ON HOW THEY WILL CATCH UP ON THE MISSED WORK? | |
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| Year Group | Summary of how students will catch up in your area |
| 7 | An assessment and content gap analysis will be completed in the first few weeks back in September. The existing project booklets will also be posted on the Google classrooms for the students to continue developing their learning over the summer break. |
| 8 | An assessment and content gap analysis will be completed in the first few weeks back in September. The existing project booklets will also be posted on the Google classrooms for the students to continue developing their learning over the summer break. |
| 9 | <p>GCSE FPN- All work is set on google classroom and is accessible to catch up throughout the summer. List of subject matter will be uploaded as per curriculum plan on the school website. All tasks are still accessible on google classroom for students who are behind or have not engaged to catch up over the summer holiday.</p> <p>An assessment and content gap analysis will be completed in the first few weeks back in September.</p> <p>BTEC Construction - All work is set on google classroom and is accessible to catch up throughout the summer.</p> <p>Students will have focused on Unit 3 and completing their house designs and drawings. All tasks are still accessible on google classroom for students who are behind or have not engaged to catch up over the summer holiday.</p> <p>Unit 1 Assessment questions and revision guides to be given out in September as well. An assessment and content gap analysis will be completed in the first few weeks back in September.</p> |



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| | <p>Revision cards to cover any missed content in Unit 1 will be put on Google classrooms as well, this will enable any students who have missed learning opportunities to catch up.</p> |
| 10 | <p>GCSE FPN- All work is set on google classroom and is accessible to catch up throughout the summer List of subject matter will be uploaded as per curriculum plan on the school website. All tasks are still accessible on google classroom for students who are behind or have not engaged to catch up over the summer holiday. An assessment and content gap analysis will be completed in the first few weeks back in September.</p> <p>BTEC Construction - All work is set on google classroom and is accessible to catch up throughout the summer Students will have focused on Unit 3 and completing their house designs and drawings. All tasks are still accessible on google classroom for students who are behind or have not engaged to catch up over the summer holiday. Unit 1 Assessment questions and revision guides to be given out in September as well. An assessment and content gap analysis will be completed in the first few weeks back in September. Revision cards to cover any missed content in Unit 1 will be put on Google classrooms as well, this will enable any students who have missed learning opportunities to catch up.</p> |
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| 12 | N/A |



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| 13 | N/A |
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HOW WILL YOU KNOW WHERE INDIVIDUAL STUDENTS ARE IN RELATION TO THEIR LEARNING DURING SCHOOL CLOSURE?

By cross checking engagement trackers for all students in KS3/4. Ensuring all Tech staff have robust and up to date formative assessment completed via Google classrooms, this will identify learning gaps and opportunities for specific content knowledge development in individual students.

FOR THOSE STUDENTS WHO HAVE MADE EXCELLENT PROGRESS DURING THE SCHOOL CLOSURE PERIOD, HOW WILL YOU ENSURE THEY ARE NOT HELD BACK?

At KS3 level there will be most able work made available on the existing projects. This work will come from the existing projects and extension rids that have been created for each different thread in Design Technology.

Ensuring all Tech staff have robust and up to date formative assessment completed via Google classrooms in both KS3/4, this will identify opportunities for specific content knowledge development in individual students.

Parental contact pre summer holidays at both KS3/4 level , advising on student progress and work required to help bolster any missed learning opportunities.