**Design & Technology Summer School Agenda – 5th July 2018 De Montfort University, Leicester**

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| **Day 1** | **Duration** | **Title** | **Presenters** | **Room** |
| **AM Sessions** |  |  |  |  |
| 9:30 – 9:45 | 15 mins | Welcome | Tony Ryan | Lecture Theatre |
| 9:45 – 10:30 | 45 mins | Keynote by Ian Hosking of Cambridge University | Ian Hosking, Cambridge University | Lecture Theatre |
| 10:45 – 1:15 | 2 hrs 30mins | Developing D&T and creating a conducive environment for D&T in your school | Jo Chidgey, Dave Bausor | 2.11 |
|  | 2 hrs 30mins | Specialist Food Technology (SFHS) H&S Training Standards | Tracey Goodyere | 1.02 |
|  | 2 hrs 30mins | Sustainability & The 17 UN Sustainable Development Goals – through the medium of textiles | Emma Wood &  Claire Lerpiniere | 3.04 |
|  | 2 hrs 30mins | Top Tips for Product Design | Tom Corker | 0.31 |
|  | 2 hrs 30mins | Extending the use of your laser cutter to create innovative 3 D products | Les Porter and Tech Supplies | Laser Cutter Workshop |
|  | 2 hr 30 mins | Awarding Org (OCR) presentation / Incorporating User-Centred Design (USD) in D&T Teaching | Jonny Edge/David Baker | 2.15a |
|  | 2 hr 30 mins | Awarding Org (Edexcel) presentation/ Incorporating User-Centred Design in D&T teaching | Evren Alibaba/David Baker | 2.15b |
| **1.15-2.15pm** |  | **LUNCH** |  |  |
| PM Sessions |  |  |  |  |
| 2:15 – 4:45 | 2 hrs 30mins | Food – Grade 9 meat and fish on a budget | Scott Bradley | Lab 5.06 |
|  | 2 hrs 30mins | [Being a D&T teacher is like playing a game of monopoly’, would you agree? Engaging ideas for inspiring creativity in KS3 and KS4](https://www.data.org.uk/for-education/training-and-events/design-technology-summer-school-2018/being-a-dt-teacher-is-like-playing-a-game-of-monopoly-would-you-agree-engaging-ideas-for-inspiring-creativity-in-ks3-and-ks4/) | Jenny Dhami | 1.02 |
|  | 2 hrs 30mins | How can Design and Technology benefit from a STEM style approach to learning | Thomas Walland | 2.15b |
|  | 2 hrs 30mins | How to start, fund & lead a successful STEM Club within your school & the exciting uses of Drone Technology (Flying in the Gallery) | David Hainsworth | 0.60 |
|  | 2 hrs 30mins | [Fabric design and manufacture](https://www.data.org.uk/for-education/training-and-events/design-technology-summer-school-2018/fabric-design-and-manufacture/) | Pasqualina Iarrobino, Liz Scott and Steve Slack | 3.19 & Textile Workshop |
|  | 2 hrs 30mins | Using Crumble in Key Stage 3 Design Challenges | Joseph Birks | 3.04 |
|  | 2 hrs 30mins | Concrete Masterclass: ‘mixed materials within Design and Technology | Kerry Truman | Workshop 0.30 |
|  | 2 hr 30 mins | Awarding Org (AQA) presentation / Incorporating User-Centred Design (UCD) in D&T teaching | Louise Attwood/David Baker | 2.15e |
|  | 2 hr 30 mins | Awarding Org (WJEC/Eduqas) presentation / Incorporating User-Centred Design (UCD) in D&T teaching presentation | Jonathon Thomas/Steve Howells/David Baker | 2.15a |
| **Evening 4:45pm** |  | **Drinks Canapes & University Tours** |  |  |

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| **Design & Technology Summer School Agenda – 6th July 2018 De Montfort University, Leicester**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Day 2** | **Duration** | **Title** | **Presenters** | **Room** | | **AM Sessions** |  |  |  |  | | 9:30 – 9:45 | 15 mins | Welcome | Tony Ryan | Lecture Theatre | | 9:45 – 10:30 | 45 mins | Keynote -Bloodhound - From Primary School to PhD | Chris Fairhead | Lecture Theatre | | 10:45 – 1:15 | 2 hrs 30mins | Embedding D&T Theory topics into engaging and learning experiences: a practical workshop | Jon Martlew | 0.30 | |  | 2 hrs 30mins | Bioplastics Basics: Making and understanding bioplastics | Richard Brett, Bren Hellier | Lab 5.06 | |  | 2 hrs 30mins | Thinking for Learning Design and Technology | Andrew Kyprianou | 2.11 | |  | 2 hrs 30mins | Concrete Masterclass: ‘mixed’ materials within Design and Technology | Kerry Truman, Julian Robinson & Phil Wickham | Workshop 0.30 | |  | 2 hrs 30mins | Introduction to CAD modelling: using 3D modelling and rendering as an element of the iterative design process | Paul Woodward | Cad Lab 1.32 | |  | 2 hrs 30mins | Engaging activities for KS3 & 4 | Dave Bausor | Workshop 0.31 | | **1-15pm-2-15pm** |  | **LUNCH** |  |  | | **PM Sessions** |  |  |  |  | | 2:15 – 4:45 | 2 hrs 30mins | Arduino prototyping platform for learning electronic product design  (Meet at the lifts on the ground floor to be guided to the Queens Building) | Tom Page | Queens Building | |  | 2 hrs 30mins | The Full Monty: From idea, iterative design and prototype and 3D Printing to evaluation for GCSE NEA portfolio | John Donnelly | Workshop 0.30 | |  | 2 hrs 30mins | Let them Design | Andy Girling & Tom Corker | 0.31 | |  | 2 hrs 30mins | The 2018/19 Contextual Challenge and how to go about it | Tammy Mitchell & Jo [Chidgey](https://www.facebook.com/100000208893936) | 2.15b | |  | 2 hrs 30mins | F1 in schools – from CAD to winning model – how to run it in your school easily and cost effectively and WIN! | Phil Cain supported by Denford | 1.02 | |  | 2 hrs 30mins | The 7 Year A Level and 5 Year GCSE, Key Stage 3 mapping and getting through it all on a budget! | Paul Woodward | 2.11 | |  |  |

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