Design and Technology Department

**Wider Reading Opportunities**

**Year 7 Design & Technology**

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| Item | Author | ISBN/Location |
| My Crazy Inventions Sketchbook: 50 Awesome Drawing Activities for Young Inventors | Andrew Rae and Lisa Regan | ISBN 9781780676104 |
| KS3 Design & Technology Study Guide | CGP | * ISBN10 1841467200
* ISBN13 9781841467207
 |
| Navigators: Technology (Paperback) | Peter Kent | * ISBN 9780753433348
 |
| Usborne STEM Technology Scribble Book | Alice James  | ISBN: 9781474959957 |

**Year 7 Food Technology**

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| Item | Author | ISBN/Location |
| Exploring Food and Nutrition for KS3 | Mackey and Saunder |  |
| bbc.co.uk/food | Website |  |
| www.allrecipes.co.uk | Website |  |
| The Great British Bake-off |  |  |
| Masterchef  |  |  |

**Year 8 Design & Technology**

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| Item | Author | ISBN/Location |
| New Grade 9-1 GCSE Design & Technology AQA Revision Guide | CGP | **ISBN:** 9781782947523 |
| New Grade 9-1 GCSE Design & Technology AQA Exam Practice Workbook  | CGP | ISBN: 9781782947530 |
| http://www.technologystudent.com/techtitle5b.gifTechnology Student  | Website | http://www.technologystudent.com/ |
| Engineering : A Beginner's Guide (Paperback) | Natasha McCarthy | **ISBN:** 9781851686629 |

**Year 8 Food Technology**

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| --- | --- | --- |
| Item | Author | ISBN/Location |
| Exploring Food and Nutrition for KS3 | Mackey and Saunder |  |
| bbc.co.uk/food | Website |  |
| www.allrecipes.co.uk | Website |  |
| The Great British Bake-off |  |  |
| Masterchef  |  |  |

**Year 9 Design & Technology**

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| --- | --- | --- |
| Item | Author | ISBN/Location |
| New Grade 9-1 GCSE Design & Technology AQA Revision Guide | CGP | **ISBN:** 9781782947523 |
| New Grade 9-1 GCSE Design & Technology AQA Exam Practice Workbook  | CGP | ISBN: 9781782947530 |
| AQA GCSE (9-1) Design and Technology 8552 2017 | M.J. Ross | ISBN10 1910523100 ISBN13 9781910523100  |
| AQA GCSE (9-1) Design and Technology: All Material Categories and Systems | By (author)  [Bryan Williams](https://www.bookdepository.com/author/Bryan-Williams), By (author)  [Louise Attwood](https://www.bookdepository.com/author/Louise-Attwood), By (author)  [Pauline Treuherz](https://www.bookdepository.com/author/Pauline-Treuherz), By (author)  [Dave Larby](https://www.bookdepository.com/author/Dave-Larby), By (author)  [Ian Fawcett](https://www.bookdepository.com/author/Ian-Fawcett), By (author)  [Dan Hughes](https://www.bookdepository.com/author/Dan-Hughes) | * ISN10 1510401083
* ISBN13 9781510401082
 |
| AQA GCSE (9-1) Design and Technology: Timber, Metal-Based Materials and Polymers | By (author)  [Bryan Williams](https://www.bookdepository.com/author/Bryan-Williams), By (author)  [Louise Attwood](https://www.bookdepository.com/author/Louise-Attwood), By (author)  [Pauline Treuherz](https://www.bookdepository.com/author/Pauline-Treuherz), By (author)  [Dave Larby](https://www.bookdepository.com/author/Dave-Larby), By (author)  [Ian Fawcett](https://www.bookdepository.com/author/Ian-Fawcett), By (author)  [Dan Hughes](https://www.bookdepository.com/author/Dan-Hughes) | ISBN10 1510401121 ISBN13 9781510401129 |
| AQA GCSE (9-1) Design and Technology: Paper and Boards | By (author)  [Bryan Williams](https://www.bookdepository.com/author/Bryan-Williams), By (author)  [Louise Attwood](https://www.bookdepository.com/author/Louise-Attwood), By (author)  [Pauline Treuherz](https://www.bookdepository.com/author/Pauline-Treuherz), By (author)  [Dave Larby](https://www.bookdepository.com/author/Dave-Larby), By (author)  [Ian Fawcett](https://www.bookdepository.com/author/Ian-Fawcett), By (author)  [Dan Hughes](https://www.bookdepository.com/author/Dan-Hughes) | ISBN10 1510401091 ISBN13 9781510401099 |
| http://www.technologystudent.com/techtitle5b.gifTechnology Student  | Website | http://www.technologystudent.com/ |
| Design and technologyMr DandT | Website  | http://www.mr-dt.com/materials/main.htm |

**Year 9 Food Preparation and Nutrition and Hospitality and Catering**

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| --- | --- | --- |
| Food a Fact of LifeImage result for food a fact for life | website | http://www.foodafactoflife.org.uk/index.aspx |
| Love Food Love Sciencehttps://www.ifst.org/sites/all/themes/love_food_science/logo.png | website | https://www.ifst.org/lovefoodlovescience |
| Allrecipes.co.uk | website |  |
| bbc.co.uk/food | website |  |

**Year 10**

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| --- | --- | --- |
| Item | Author | ISBN/Location |
| New Grade 9-1 GCSE Design & Technology AQA Revision Guide | CGP | **ISBN:** 9781782947523 |
| New Grade 9-1 GCSE Design & Technology AQA Exam Practice Workbook  | CGP | ISBN: 9781782947530 |
| AQA GCSE (9-1) Design and Technology 8552 2017 | M.J. Ross | * ISBN10 1910523100
* ISBN13 9781910523100
 |
| AQA GCSE (9-1) Design and Technology: All Material Categories and Systems | By (author)  [Bryan Williams](https://www.bookdepository.com/author/Bryan-Williams), By (author)  [Louise Attwood](https://www.bookdepository.com/author/Louise-Attwood), By (author)  [Pauline Treuherz](https://www.bookdepository.com/author/Pauline-Treuherz), By (author)  [Dave Larby](https://www.bookdepository.com/author/Dave-Larby), By (author)  [Ian Fawcett](https://www.bookdepository.com/author/Ian-Fawcett), By (author)  [Dan Hughes](https://www.bookdepository.com/author/Dan-Hughes) | * ISN10 1510401083
* ISBN13 9781510401082
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| http://www.technologystudent.com/techtitle5b.gifTechnology Student  | Website | http://www.technologystudent.com/ |
| Design and technologyMr DandT | Website | http://www.mr-dt.com/materials/main.htm |
| Layout Essentials Revised and Updated Paperback | Beth Tondreau  | ISBN-10: 1631596314 |
| The Art of Looking Sideways | Alan Fletcher | ISBN-10: 0714834491 |

**Year 10 Food Preparation and Nutrition and Hospitality and Catering**

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| --- | --- | --- |
| Food a Fact of LifeImage result for food a fact for life | website | http://www.foodafactoflife.org.uk/index.aspx |
| Love Food Love Sciencehttps://www.ifst.org/sites/all/themes/love_food_science/logo.png | website | https://www.ifst.org/lovefoodlovescience |
| GCSE Food Preparation and Nutrition Revision guide | CGP |  |
| GCSE Food Preparation and Nutrition Exam Practice workbook | CGP |  |
| BBC Good Food Website  |  | <https://www.bbcgoodfood.com/> |
| Student G&T Booklets  |  | Please speak to Mr Surridge / Mrs.White for our G&T Booklets.  |

**Year 11 Design & Technology**

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| Item | Author | ISBN/Location |
| Product Design | Alex Milton and Paul Rodgers | ISBN: 9781856697514 |
| GCSE Design & Technology Product Design AQA Revision Guide (A\*-G Course) | CGP | * ISBN10 1847623549
* ISBN13 9781847623546
 |
| Research Methods for Product Design | Alex Milton and Paul Rodgers | ISBN: 9781780673028 |
| Drawing for Product Designers | Kevin Henry | ISBN: 9781856697439 |
| The Sustainable Design Book | Rebecca Proctor | ISBN: 9781780674735 |
| Design of the 20th Century | [Dr Angelika Taschen](https://www.amazon.co.uk/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&text=Dr+Angelika+Taschen&search-alias=books-uk&field-author=Dr+Angelika+Taschen&sort=relevancerank) (Creator), [Taschen](https://www.amazon.co.uk/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&text=Taschen&search-alias=books-uk&field-author=Taschen&sort=relevancerank) | ISBN-10: 3836541068ISBN-13: 978-3836541060 |
| Design  | DK | ISBN-10: 0241185653ISBN-13: 978-0241185650 |
| Materials for Design | Chris Lefteri | ISBN: 9781780673448 |
| Making It: Manufacturing Techniques for Product Design (2nd edition) | Chris Lefteri | ISBN: 9781856697491 |
| Sustainable Materials Processes and Production | [Rob Thompson](https://www.amazon.co.uk/Rob-Thompson/e/B001ILICN2/ref%3Ddp_byline_cont_book_1) [Martin Thompson](https://www.amazon.co.uk/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&text=Martin+Thompson&search-alias=books-uk&field-author=Martin+Thompson&sort=relevancerank)  | ISBN-10: 0500290717ISBN-13: 978-0500290712 |
| Cradle to Cradle. Remaking the Way We Make Things (Patterns of the Planet) | [Michael Braungart](https://www.amazon.co.uk/Michael-Braungart/e/B0039X2JVI/ref%3Ddp_byline_cont_book_1) [William McDonough](https://www.amazon.co.uk/William-McDonough/e/B001KIKWHM/ref%3Ddp_byline_cont_book_2)  | ISBN-10: 0099535475ISBN-13: 978-0099535478 |
| How to be a Graphic Designer Without Losing Your Soul | Adrian Shaughnessy  | ISBN-10: 1856697096 |
| A Smile in the Mind - Revised and Expanded Edition: Witty Thinking in Graphic Design Paperback  | Beryl McAlhone, David Stuart, Greg Quinton, Nick Asbury  | **ISBN-10:** 9780714869353 |

**Year 11 Food Preparation and Nutrition**

|  |  |  |
| --- | --- | --- |
| Item | Author | ISBN/Location |
| The Science of Cooking: Every question answered to give you the edge | Dr. Stuart Farrimond | ISBN: 9780241229781 |
| How Food Works: The Facts Visually Explained | Dr Sarah BrewerDK Publishing |

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|  | ISBN: 9780241289396 |

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| Food a Fact of LifeImage result for food a fact for life | website | http://www.foodafactoflife.org.uk/index.aspx |
| Love Food Love Sciencehttps://www.ifst.org/sites/all/themes/love_food_science/logo.png | website | <https://www.ifst.org/lovefoodlovescience> |
| GCSE Food Preparation and Nutrition Revision guide | CGP |  |
| GCSE Food Preparation and Nutrition Exam Practice workbook | CGP |  |
| Food Preparation and Nutrition  | Helen Buckland and Jacqui Keepin |  |
| Food Preparation and Nutrition | A Clough-Halstead, F Dowling, V Ellis, J Hill, B Jones |  |

**Year 12 & 13 Product Design**

|  |  |  |
| --- | --- | --- |
| Item | Author | ISBN/Location |
| The Design of Everyday Things, revised and expanded edition | Donald A Norman | **ISBN-10:** 0262525674**ISBN-13:** 978-0262525671 |
| Emotional Design: Why We Love (or Hate) Everyday Things | Donald A Norman | **ISBN-10:** 0465051367**ISBN-13:** 978-0465051366 |
| The Culture of Design | Guy Julier | **ISBN-10:** 1446273598**ISBN-13:** 978-1446273593Second edition:**ISBN-10:** 1412930464**ISBN-13:** 978-1412930468 |
| Just Design: Socially Conscious Design for Critical Causes | [Christopher C. H. Simmons](https://www.amazon.co.uk/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&text=Christopher+C.+H.+Simmons&search-alias=books-uk&field-author=Christopher+C.+H.+Simmons&sort=relevancerank) | **ISBN-10:** 9781600619717**ISBN-13:** 978-1600619717 |

**Year 12 and 13 Food Science and Nutrition**

|  |  |  |
| --- | --- | --- |
| Item | Author | ISBN/Location |
| An Introduction to Nutrition and Metabolism (3rd Ed). Oxford, UK:Taylor and Francis Ltd | Bender, D. |  |
| Practical Cookery Level 3 Hodder Education | Campbell, J (et al) |  |
| Manual of Nutrition  | Food Standards Agency |  |
| Food Science, Nutrition and Health | Fox and Cameron |  |
| WJEC Level 3 Certificate in Food Science and Nutrition | A.Tull, J. Bryant |  |

**Year 12 and 13 Level 3 BTEC Engineering**

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| Item | Author | ISBN/Location |
| BTEC National Engineering Student Book: For the 2016 specifications (BTEC Nationals Engineering 2016) | Andrew Buckenham | ISBN-10: 129214100X |
| Engineering Mathematics, 8th ed | John Bird  | ISBN-10: 9781138673595 |
| Higher Engineering Mathematics, 8th ed Paperback – 21 Mar 2017 | John Bird  | ISBN-10: 1138673579 |
| BTEC National Engineering Revision Guide: (with free online edition) (REVISE BTEC Nationals in Engineering) | Andrew Buckenham | ISBN-10: 1292150289 |
| BTEC National Engineering Revision Workbook (REVISE BTEC Nationals in Engineering) | Andrew Buckenham | ISBN-10: 1292150270 |