

**Design and Technology**  
**Stage 6 Syllabus Resources**

**Suggested references for syllabus topics:**

The revised syllabus may be implemented without significant change in the level of resources.

Below is a list of texts and resources commonly used in schools, together with some additional suggested resources. These have been linked to topics in the revised syllabus. Schools may select from the table below to supplement existing resources if necessary.

| <b>Content</b>   | <b>Resource</b>  | <b>Comment</b>   |
|--|--|--|
| <b>Preliminary Course</b><br>Designing and Producing<br>The study of:        |  |  |
| <ul style="list-style-type: none"> <li>design theory and practice</li> </ul> | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X        |  |
|  | Renew, R, <i>Making It</i> , Powerhouse Publications, 1996, ISBN 1 8631 7153 3                                     |  |
|  | Pretzer, M, <i>Creative low-budget design publication</i> , North Light Books Publishing, 1999, ISBN 0 8913 4847 6 |  |
|  | McDermott, Catherine, <i>Twentieth Century Design</i> , Penguin Books, 1997, ISBN 0 8230 1346 4                    | This text includes 400 visual examples of modern design.                 |
|  | Chapman, C & Peace, M, <i>Design and Realisation</i> , Collins Educational, 1992, ISBN 0 0032 2060 5               | This text includes a detailed outline of each step of the design process |

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|---|--|--|
| <ul style="list-style-type: none"> <li>design processes</li> </ul>                          | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X             | This textbook explains how to manage innovation, through case studies, research and development, marketing, new product development and organisational strategies. |
|   | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                                  |  |
|   | Kristof, R & Satran A, <i>Interactivity by Design</i> , Adobe Press, 1995, ISBN 1 5683 0221 5  | This textbook outlines the process for designing interactive products.   |
|   | Chapman, C & Peace, M, <i>Design and Realisation</i> , Collins Educational, 1992, ISBN 0 0032 2060 5   | This textbook provides a detailed outline of each step of the design process.  |
|   | Department of School Education, <i>Introducing Design and Technology</i> , Open Training and Education Network, NSW 1993, ISBN 0 7310 3132 6 | This textbook highlights variations in the design process.   |
| <ul style="list-style-type: none"> <li>factors affecting designing and producing</li> </ul> | Board of Studies, <i>Designing and Producing — What's It All About</i> , Board Of Studies, 1995, ISBN 0 7310 3404 X                          |  |
|   | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                                  |  |

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|--|--|---|
|  | Gill, D et al, <i>Style and Design: Arts, advertising, furnishing and furniture – The most evocative and significant creations of the last 100 years</i> , Dempsey Parr Publishing, 1998, ISBN 1 8408 4028 5 | This textbook describes how changes in lifestyle and culture have impacted upon design. A guidebook to changing images and directions in design, all aspects of design are represented including architecture, millinery and theatre. |
|  | Hauser, J R, <i>Designing and marketing of new products</i> , Prentice Hall Publishing, 1996, ISBN 0 1320 1567 6   | This textbook provides case studies of changes to design, decision-making and cradle-to-grave approaches.   |
|  | MacKenzie, D, <i>Green Design: Design for the Environment</i> , Laurence King Publishing, 1997, ISBN 1 8566 9096 2   | This textbook gives an outline of the development of design throughout this century.  |
| <ul style="list-style-type: none"> <li>• design and production processes in domestic, community, industrial and commercial settings</li> </ul> | Rochford, J, <i>Senior Design and Technology</i> , KJS Publications, 1995, no ISBN   |   |
|  | Woodham, J, <i>Twentieth Century Design</i> , Oxford University Press, 1997, ISBN 0 1928 4204 8  |   |
|  | Hauffe, T, <i>Design: A Concise History</i> , Laurence King Publishing, 1998, ISBN 1 8566 9134 9   | This resource provides a timeline of design history, a glossary and thumbnail biographies of major designers.   |
|  | Barlex, D, <i>Product Design-Nuffield Design and Technology</i> , Addison Westley Longman, 1996, ISBN 0 5822 3469 7  | This book includes a discussion on design appropriateness.  |

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| Content  | Resource   | Comment  |
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| <ul style="list-style-type: none"> <li>technologies in industrial and commercial settings</li> </ul> | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X  |  |
|  | McGuire, C et al, <i>How Business Works HSC Course</i> , Nelson Publishing, 1994, ISBN 0 1700 8857 X   | This textbook has a good section on management.  |
| <ul style="list-style-type: none"> <li>environmental and social issues</li> </ul>                    | Gill, D et al, <i>Style and Design: Arts, advertising, furnishing and furniture – The most evocative and significant creations of the last 100 years</i> , Dempsey Parr Publishing, 1998, ISBN 1 8408 4028 5 | This resource describes how changes in lifestyle and culture have impacted upon design. It is a good guidebook to changing images and directions in design. All aspects of design are represented including architecture, millinery and theatre. |
|  | Morrison, J & Twyforward, J, <i>Design Capabilities and Awareness</i> , Longman Singapore, 1994, ISBN 0 5820 5687 X  | This textbook provides practical examples of design briefs and projects.   |
|  | Forty, A, <i>Objects of Desire: Design and Society since 1750</i> , Thames and Hobson, 1995, ISBN 0 5002 7412 6  | This book studies the historical and cultural influences upon design.  |
|  | Mackenzie, D, <i>Green Design: Design for the Environment</i> , Laurence King Publishing, 1997, ISBN 1 8566 9096 2   | This textbook provides case studies in the changes to design, decision-making and cradle-to-grave approaches.  |

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|---|--|----------------|
| <ul style="list-style-type: none"> <li>• creative approaches to design</li> <li>• collaborative approaches to design</li> </ul> |  |                |
| <p><i>The following books are useful for developing ideas about creative approaches to designing and producing</i></p>          | <p>Van der Kley, M, <i>Cooperative Learning</i>, Macprint, New Zealand, 1991, no ISBN</p>            |                |
|   | <p>Bellanca, J, <i>The Co-operative Think Tank</i>, Hawker Brownlow, 1990, ISBN 1 8629 9628 8</p>    |                |
|   | <p>Ryan, T, <i>Mindlinks</i>, Headfirst, 1992, ISBN 0 6460 7869 0</p>                                |                |
|   | <p>Bellanca, J, <i>The Co-operative Think Tank II</i>, Hawker Brownlow, 1992, ISBN 1 8640 1077 0</p> |                |
|   | <p>Mannison, M, <i>Innovative Teaching Strategies</i>, nice business, 1992, ISBN 0 6460 8689 8</p>   |                |
|   | <p>McCabe, M &amp; Rhoades, J, <i>The Nurturing Classroom</i>, ITA, 1990, ISBN 0 9339 3509 9</p>     |                |
|   | <p>Graves, N &amp; T, <i>A Part to Play</i>, Latitude, 1990, ISBN 0 9589 0006 X</p>                  |                |

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|---|---|--|
|   | Bellanca, J & Fogarty, R, <i>Blueprints for Thinking in the Co-operative Classroom</i> , Hawker Brownlow, 1991, ISBN 1 8629 9652 0          |  |
| <ul style="list-style-type: none"> <li>• project analysis</li> </ul>              | Overton, R, <i>Some Australian Management Tools</i> , revised edn, User Friendly Australian Business Publications, 1998, ISBN 0 6462 2281 3 | This book includes case studies of successful management techniques (blackline masters).   |
|   | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                                 |  |
|   | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X            | This book describes how to manage innovation through case studies, research and development, marketing, new product development and organisational strategies. |
|   | Hauser, J R, <i>Designing and Marketing of New Products</i> , Prentice Hall Publishing, 1996, ISBN 0 1320 1567 6                            |  |
| <ul style="list-style-type: none"> <li>• marketing and market research</li> </ul> | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                                 |  |
|   | Hauser, J R, <i>Designing and Marketing of New Products</i> , Prentice Hall Publishing, 1996, ISBN 0 1320 1567 6                            |  |

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|---|---|---|
|   | Stanton, W et al, <i>Fundamentals of Marketing</i> , MacGraw Hill, 1996, ISBN 0 0711 3670 3                         |   |
| <ul style="list-style-type: none"> <li>• using techniques, materials, tools and other resources</li> </ul>  | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X         |   |
|   | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4        |   |
|   | Board Of Studies, <i>Designing and Producing — What's It All About</i> , Board of Studies, 1995, ISBN 0 7310 3404 X |   |
|   | Mackenzie, D, <i>Green Design: Design for the Environment</i> , Laurence King Publishing, 1997, ISBN 1 8566 9096 2  | This textbook provides case studies in the changes to design, decision-making and cradle-to-grave approaches. |
| <ul style="list-style-type: none"> <li>• realisation of ideas through the manipulation of techniques, materials, tools and other resources</li> </ul> | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X         |   |
|   | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4        |   |

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|  | Chapman, C & Peace M, <i>Design and Realisation</i> , Collins Educational, 1992, ISBN 0 0032 2060 5                              | This book provides a detailed outline of each step of the design process. |
| <ul style="list-style-type: none"> <li>• safety</li> </ul>             | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                      | This textbook includes a discussion on design appropriateness.            |
|  | Barlex, D, <i>Product Design – Nuffield Design and Technology</i> , Addison Westley Longman, GB, 1996, ISBN 0 5822 3469 7        |   |
| <ul style="list-style-type: none"> <li>• evaluation</li> </ul>         | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                      | This text provides a detailed outline of the design process.              |
|  | Chapman, C & Peace M, <i>Design and Realisation</i> , Collins Educational, 1992, ISBN 0 0032 2060 5                              | This textbook includes a discussion on design appropriateness.            |
|  | Barlex, D, <i>Product Design – Nuffield Design and Technology</i> , Addison Westley Longman, GB, 1996, ISBN 0 5822 3469 7        |   |
| <ul style="list-style-type: none"> <li>• project management</li> </ul> | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X |   |

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|--|---|---|
|  | Overton, R, <i>Some Australian Management Tools</i> , revised edn, User Friendly Australian Business Publications, 1998, ISBN 0 6462 2281 3 |   |
|  | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                                 | This resource details what it takes to be an entrepreneur including tips, real-life case studies, quizzes and tests.  |
|  | Overton, R, <i>Are you an Entrepreneur?</i> , User Friendly Business Publications, 1998, ISBN 0 9586 5181 7                                 |   |
|  | Hindle, T, <i>Manage your Time</i> , Dorling Kindersley Publishing, 1998, ISBN 0 7513 0530 8  | This resource includes practical techniques to identify time wasting traps and plan time effectively. Clear text and illustrations cover every aspect of time management. |
|  | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4                                |   |
| <ul style="list-style-type: none"> <li>• factors affecting management</li> </ul> | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X            |   |
|  | Overton, R, <i>Some Australian Management Tools</i> , Revised edn, User Friendly Australian Business Publications, 1998, ISBN 0 6462 2281 3 |   |

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|   | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X   |  |
|   | Overton, R, <i>Are you an Entrepreneur?</i> , User Friendly Business Publications, 1998, ISBN 0 9586 5181 7   |  |
|   | <i>Harvard Business Review on Entrepreneur</i> , Harvard Business School Press, 1999, ISBN 0 8758 4910 5  | This book provides further reading on management and entrepreneurship. |
|   | McGuire, C et al, <i>How Business Works HSC Course</i> , Nelson Publishing, 1994, ISBN 0 1700 8857 X  | A text with good coverage on management                                |
| <ul style="list-style-type: none"> <li>• communication</li> </ul> | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X   |  |
|   | McDermott, Catherine, <i>Twentieth Century Design</i> , Penguin Books Australia Ltd, 1997, ISBN 0 8230 1346 4   | A text providing 400 visual examples of design.                        |
|   | Heller, S & Drennan D, <i>The digital designer: The graphic artists guide to the new media</i> , Watson-Guptill Publications, BPI Communicating, 1997, ISBN 0 8230 1346 4 | This textbook is useful for visualising solutions.                     |

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|  | Pretzer, M, <i>Creative low-budget design publication</i> , North Light Books Publishing, 1999, ISBN 0 8913 4847 6  | This text covers presentation of ideas, layout techniques, production methods and creating a high impact through visual communication. |
|  | Marden, A, <i>Design and Realisation</i> , University Press New York, 1988, ISBN 0 1983 2732 3  | This text provides comprehensive coverage of idea generation and communication.  |
| <ul style="list-style-type: none"> <li>• research methods</li> </ul>                 | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X   |  |
|  | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 311X  |  |
|  | Hauser, J R, <i>Designing and Marketing of new products</i> , Prentice Hall Publishing, 1996, ISBN 0 1320 1567 6  |  |
| <ul style="list-style-type: none"> <li>• interpreting and presenting data</li> </ul> | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X  |  |
|  | Heller, S & Drennan D, <i>The digital designer: The graphic artists guide to the new media</i> , Watson-Guption Publications, BPI Communicating, 1997, ISBN 0 8230 1346 4 | This text is good for visualising solutions.   |

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|  | Pretzer, M, <i>Creative low-budget design publication</i> , North Light Books Publishing, 1999, ISBN 0 8913 4847 6  | This resource covers sections such as presentation of ideas, layout techniques, production methods and creating a high impact through visual communication. |
| <ul style="list-style-type: none"> <li>• ethics in research</li> </ul>           | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X         |   |
|  | ICAC, <i>Ethics in Design and Technology</i> , CD-ROM and teacher handbook, 1996, no ISBN                           | A resource which addresses personal values, beliefs, community and individual needs and values.   |
| <ul style="list-style-type: none"> <li>• manufacturing and production</li> </ul> | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X         |   |
|  | Morrison, J & Twyforward J, <i>Design Capabilities and Awareness</i> , Longman Singapore, 1994, ISBN 0 5820 5687 X  | This text provides practical examples of design briefs and projects.  |
|  | Board of Studies, <i>Designing and Producing — What's It All About</i> , Board of Studies, 1995, ISBN 0 7310 3404 X |   |
|  | Hauser, J R, <i>Designing and Marketing of New Products</i> , Prentice Hall Publishing, 1996, ISBN 0 1320 1567 6    |   |
| <ul style="list-style-type: none"> <li>• computer-based technologies</li> </ul>  | Baker, R, <i>Designing for the Future</i> , Thames and Hudson Publishing, 1993, ISBN 0 5000 1578 3                  | This book describes how the computer has affected the design process.   |

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|   | Jute, A & Squires V, <i>Graphic Design in the Computer Age</i> , Batsford Publishing, 1993, ISBN 0 7134 7171 9   | This resource discusses practical ideas for applying the design process to graphics problems.  |
|   | Kristof, R & Satran A, <i>Interactivity by design</i> , Adobe Press, 1995, ISBN 1 5683 0221 5  | This book outlines the process for designing interactive products.   |
|   | Heller, S & Drennan, D, <i>The digital designer: The graphic artists guide to the new media</i> , Watson-Guptill Publications, BPI Communicating, 1997, ISBN 0 8230 1346 4                                   | This text is good for visualising solutions.   |
| <b>HSC Course</b><br><b>Innovation and Emerging Technologies</b>                |  |  |
| The study of:   |  |  |
| <ul style="list-style-type: none"> <li>• designs and design practice</li> </ul> | Gill, D et al, <i>Style and Design: Arts, advertising, furnishing and furniture – The most evocative and significant creations of the last 100 years</i> , Dempsey Parr Publishing, 1998, ISBN 1 8408 4028 5 | This resource describes how changes in lifestyle and culture have impacted upon design. It is a good guidebook to changing images and directions in design. All aspects of design are represented including architecture, millinery and theatre. |
|   | McDermott, Catherine, <i>Twentieth Century Design</i> , Penguin Books Australia Ltd, 1997, ISBN 0 8230 1346 4  | A text providing 400 visual examples of design.  |
|   | Chapman, C & Peace, M, <i>Design and Realisation</i> , Collins Educational, 1996, ISBN 0 0032 2060 5   | This reference provides a detailed outline of each step of the design process.   |

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|   | Tambini, M, <i>The Look of the Century</i> , Dorling Kindersley Book Ltd, 1996, ISBN 0 7513 0338 0   |  |
|   | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X  |  |
|   | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X   |  |
| <ul style="list-style-type: none"> <li>• factors which may impact on successful innovation</li> </ul> | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X   |  |
|   | Overton, R, <i>Some Australian Management Tools</i> , revised edn, User Friendly Australian Business Publications, 1998, ISBN 0 6462 2281 3  |  |
|   | Gill, D et al, <i>Style and Design: Arts, advertising, furnishing and furniture – The most evocative and significant creations of the last 100 years</i> , Dempsey Parr Publishing, 1998, ISBN 1 8408 4028 5 | This resource describes how changes in lifestyle and culture have impacted upon design. It is a good guidebook to changing images and directions in design. All aspects of design are represented including architecture, millinery and theatre. |
|   | Cesari, J & Greatwood, P, <i>Innovation and Creativity</i> , AMED Publishing, 1996, ISBN 07494 1593 2  | This textbook describes a variety of approaches to innovation.   |

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|   | Hauser, J R, <i>Designing and Marketing of New Products</i> , Prentice Hall Publishing, 1996, ISBN 0 1320 1567 6                                |   |
| <ul style="list-style-type: none"> <li>• entrepreneurial activity</li> </ul>        | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X                | This reference describes how to manage innovation through case studies, research and development, marketing, new product development and organisational strategies. |
|   | Overton, R, <i>Some Australian Management Tools</i> , revised Edition, User Friendly Australian Business Publications, 1998, ISBN 0 6462 2281 3 | This reference provides case studies of successful management techniques.   |
|   | Overton, R, <i>Are you an Entrepreneur</i> User Friendly Australian Business Publications, 1998, ISBN 0 9586 5181 7                             | This book describes what it takes to be an entrepreneur including tips, real life case studies, quizzes and tests (blackline masters).                              |
|   | <i>Harvard Business Review on Entrepreneur</i> , Harvard Business School Press, 1999, ISBN 0 8758 4910 5  | Further reading on management and entrepreneurship.   |
| <ul style="list-style-type: none"> <li>• impact of emerging technologies</li> </ul> | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 6273 6311 X                |   |
|   | Renew, R, <i>Making It</i> , Powerhouse Publications, 1996, ISBN 1 8631 7153 3  |   |

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|  | Cesari, J & Greatwood, P, <i>Innovation and creativity</i> , AMED Publishing, 1996, ISBN 0 7494 1593 2   | This book describes a variety of approaches to innovation.  |
|  | MacKenzie, D, <i>Green Design: Design for the Environment</i> , Laurence King Publishing, 1997, ISBN 1 8566 9096 2   | This text notes case studies in the changes to design, decision-making and cradle-to-grave approaches.  |
|  | Gill, D et al, <i>Style and Design: Arts, advertising, furnishing and furniture – The most evocative and significant creations of the last 100 years</i> , Dempsey Parr Publishing, 1998, ISBN 1 8408 4028 5 | This book describes how changes in lifestyle and culture have impacted upon design; a guidebook to changing images and directions in design. All aspects of design are represented including architecture, millinery and theatre. |
| <ul style="list-style-type: none"> <li>• impact on Australian society</li> </ul>       | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995 ISBN 0 7016 3281 X   |   |
|  | Forty, A, <i>Objects of Desire: Design and Society since 1750</i> , Thames and Hobson, 1995, ISBN 0 5002 7412 6  | This book discusses historical and cultural influences upon design.   |
|  | Renew, R, <i>Making It</i> , Powerhouse Publications, 1996, ISBN 1 8631 7153 3   |   |
| <ul style="list-style-type: none"> <li>• historical and cultural influences</li> </ul> | Tambini, M, <i>The Look of the Century</i> , Dorling Kindersley Book Ltd, 1996, ISBN 0 7513 0338 0   | This book chronicles developments in 20th century design and describes key designers who have influenced every day design.  |

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|  | Woodham, J, <i>Twentieth Century Design</i> , Oxford University Press, 1997, ISBN 0 1928 4204 8  | This book attempts to give an outline of the development of design throughout this century.   |
|  | Forty, A, <i>Objects of Desire: Design and Society since 1750</i> , Thames and Hobson, 1995, ISBN 0 5002 7412 6  | This resource describes historical and cultural influences upon design.   |
|  | Hauffe, T, <i>Design: A Concise History</i> , Laurence King Publishing, 1998, ISBN 1 8566 9134 9   | This book provides a timeline of design history, a glossary and thumbnail biographies of major designers.   |
| <ul style="list-style-type: none"> <li>• ethical and environmental issues</li> </ul> | ICAC, <i>Ethics in Design and Technology</i> , CD-ROM and teacher handbook, 1996, no ISBN  | This resource address personal values, beliefs, community and individual needs and values.  |
|  | MacKenzie, D, <i>Green Design: Design for the Environment</i> , Laurence King Publishing, 1997, ISBN 1 8566 9096 2   | This text lists a number of case studies in the changes to design, decision making and cradle-to-grave approaches.  |
| <ul style="list-style-type: none"> <li>• creativity</li> </ul>                       | Tambini, M, <i>The look of the Century</i> , Dorling Kindersley Book Ltd, 1996, ISBN 0 7513 0338 0   | Chronicles developments in 20th century design and describes key designers who have influenced everyday design.   |

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|  | Pretzer, M, <i>Creative low-budget design publication</i> , North Light Books Publishing, 1999, ISBN 0 8913 4847 6   | This book provides useful hints on presentation of ideas, layout techniques, production methods and creating a high impact through visual communication.  |
|  | Cesari, J & Greatwood, P, <i>Innovation and creativity</i> , AMED Publishing, 1996, ISBN 0 7494 1593 2   | Describes a variety of approaches to innovation.  |
|  | Kristof, R & Satran A, <i>Interactivity by Design</i> , Adobe Press, 1995, ISBN 1 5683 0221 5  | This book outlines the process for designing interactive products.  |
|  | Gill, D et al, <i>Style and Design: Arts, advertising, furnishing and furniture – The most evocative and significant creations of the last 100 years</i> , Dempsey Parr Publishing, 1998, ISBN 1 8408 4028 5 | This textbook describes how changes in lifestyle and culture have impacted upon design; a guidebook to changing images and directions in design. All aspects of design are represented including architecture, millinery and theatre. |
| <b>Designing and Producing</b><br><br>The study of:  |  |   |
| <ul style="list-style-type: none"> <li>• Project proposal and management</li> </ul>            |  |   |
| <ul style="list-style-type: none"> <li>– identification and exploration of the need</li> </ul> | Morrison, J & Twyforward, J, <i>Design Capabilities and Awareness</i> , Longman Singapore, 1994, ISBN 0 5820 5687 X  | This reference provides practical examples of design briefs and projects.   |

**Design and Technology**  
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| Content                          | Resource   | Comment  |
|----------------------------------|--|--|
|                                  | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X          |  |
| – areas of investigation         | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X          |  |
| – criteria to evaluate success   | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X          |  |
|                                  | Barlex, D, <i>Product Design, Nuffield Design and Technology</i> , Addison Westley Longman, 1996, ISBN 0 5822 3469 7 |  |
| – action, time and finance plans | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X          |  |
|                                  | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4         |  |
|                                  | Rochford, J, <i>Senior Design and Technology</i> , KJS Publications, 1995, no ISBN                                   |  |
|                                  | Hindle, T, <i>Manage Your Time</i> , Dorling Kindersley Publishing, 1998, ISBN 0 7513 0530 8                         | This reference suggests practical techniques to identify time wasting traps and how to plan time effectively. Every aspect of time management is covered via clear text and illustrations. |

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Stage 6 Syllabus Resources**

| Content   | Resource   | Comment   |
|---|--|---|
| <ul style="list-style-type: none"> <li>– selection and use of resources</li> </ul>      | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4   |   |
|   | Rochford, J, <i>Senior Design and Technology</i> , KJS Publications, 1995, no ISBN   | This text includes discussion of design appropriateness.  |
|   | Pretzer, M, <i>Creative low-budget design publication</i> , North Light Books Publishing, 1999, ISBN 0 8913 4847 6   |   |
|   | Warner, N, et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X   |   |
| <ul style="list-style-type: none"> <li>• Project development and realisation</li> </ul> |  |   |
| <ul style="list-style-type: none"> <li>– design theory and practice</li> </ul>          | Hauser, J R, <i>Designing and Marketing of new products</i> , Prentice Hall Publishing, 1996, ISBN 0 1320 1567 6   |   |
|   | Gill, D et al, <i>Style and Design: Arts, advertising, furnishing and furniture – The most evocative and significant creations of the last 100 years</i> , Dempsey Parr Publishing, 1998, ISBN 1 8408 4028 5 | Describes how changes in lifestyle and culture have impacted upon design; a guidebook to changing images and directions in design. All aspects of design are represented including architecture, millinery and theatre. |

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| Content    | Resource   | Comment   |
|------------|--|---|
|            | Marden, A, <i>Design and Realisation</i> , University Press New York, 1988, ISBN 0 1983 2732 3   | This reference includes comprehensive coverage of idea generation and communication.                    |
|            | McDermott, Catherine, <i>Twentieth Century Design</i> , Penguin books Australia Ltd, 1997, ISBN 0 8230 1346 4  | A text providing 400 visual examples of design.   |
|            | Heller, S & Drennan, D, <i>The digital designer: The graphic artists guide to the new media</i> , Watson-Guptill Publications, BPI Communicating, 1997, ISBN 0 8230 1346 4 | This text is particularly useful for visualising solutions.   |
|            | Hauser, J R, <i>Designing and Marketing of new products</i> , Prentice Hall Publishing, 1996, ISBN 0 1320 1567 6   |   |
| – research | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X  |   |
|            | Pretzer, M, <i>Creative low-budget design publication</i> , North Light Books Publishing, 1999, ISBN 0 8913 4847 6   |   |
|            | Hauffe, T, <i>Design: A Concise History</i> , Laurence King Publishing, 1998, ISBN 1 8566 9134 9   | This book includes a timeline of design history, glossary and thumbnail biographies of major designers. |

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| <b>Content</b>  | <b>Resource</b>   | <b>Comment</b>  |
|---|---|---|
| <ul style="list-style-type: none"> <li>– development and evaluation of ideas</li> </ul>   | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4  |   |
|   | Pretzer, M, <i>Creative low-budget design publication</i> , North Light Books Publishing, 1999, ISBN 0 8913 4847 6  |   |
|   | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X  |   |
|   | Heller, S & Drennan D, <i>The digital designer: The graphic artists guide to the new media</i> , Watson-Guptill Publications, BPI Communicating, 1997, ISBN 0 8230 1346 4 | This text is particularly useful for visualising solutions.   |
| <ul style="list-style-type: none"> <li>– study of practices in industrial and commercial settings as they relate to the Major Design Project</li> </ul> | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 311 X   | This reference describes how to manage innovation through case studies, research and development, marketing, new product development and organisational strategies. |
|   | Overton, R, <i>Some Australian Management Tools</i> , Revised Edition, User Friendly Australian Business Publications, 1998, ISBN 0 6462 2281 3                           | This text describes what it takes to be an entrepreneur including tips, real life case studies, quizzes and tests.  |

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| <b>Content</b>          | <b>Resource</b>   | <b>Comment</b>  |
|-------------------------|---|---|
|                         | Overton, R, <i>Are you an Entrepreneur?</i> , User Friendly Australian Business Publications, 1998, ISBN 0 9586 5181 7  | This resource lists case studies of successful management techniques. |
|                         | Rochford, J, Senior Design and Technology, KJS Publications, 1995, no ISBN  |   |
|                         | Heller, S & Drennan D, <i>The digital designer: The graphic artists guide to the new media</i> , Watson-Guptill Publications, BPI Communicating, 1997, ISBN 0 8230 1346 4 | This text is particularly useful for visualising solutions.           |
| – production techniques | Morrison, J & Twyforward J, <i>Design Capabilities and Awareness</i> , Longman Singapore, 1994, ISBN 0 5820 5687 X  | This text provides practical examples of design briefs and projects.  |
|                         | Heller, S & Drennan D, <i>The digital designer: The graphic artists guide to the new media</i> , Watson-Guptill Publications, BPI Communicating, 1997, ISBN 0 8230 1346 4 | This text is particularly useful for visualising solutions.           |
|                         | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4  |   |

**Design and Technology  
Stage 6 Syllabus Resources**

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|-----------------|---|---|
|                 | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X   |   |
|                 | Overton, R, <i>Some Australian Management Tools</i> , Revised Edition, User Friendly Australian Business Publications, 1998, ISBN 0 6462 2281 3                           |   |
| – communication | Heller, S & Drennan D, <i>The digital designer: The graphic artists guide to the new media</i> , Watson-Guptill Publications, BPI Communicating, 1997, ISBN 0 8230 1346 4 |   |
|                 | Pretzer, M, <i>Creative low-budget design publication</i> , North Light Books Publishing, 1999, ISBN 0 8913 4847 6  |   |
|                 | Marden, A, <i>Design and Realisation</i> , University Press New York, 1988, ISBN 0 1983 2732 3  |   |
|                 | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X   |   |
|                 | McDermott, Catherine, <i>Twentieth Century Design</i> , Penguin Books Australia Ltd, 1997, ISBN 0 8230 1346 4   | A text providing 400 visual examples of design. |

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| <b>Content</b>            | <b>Resource</b>  | <b>Comment</b>   |
|---------------------------|--|--|
| – safe working practices  | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4                     |  |
|                           | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                      |  |
| • Project evaluation      |  |  |
| – criteria for evaluation | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4                     |  |
|                           | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                      |  |
|                           | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X | This text describes how to manage innovation through case studies, research and development, marketing, new product development and organisational strategies. |
| – analysis of evaluation  | Glover, N, <i>Design and Technology for Senior Students</i> , Social Science Press, 1995, ISBN 0 9492 1829 4                     |  |
|                           | Warner, N et al, <i>Studies in Senior Design and Technology</i> , Jacaranda Press, 1995, ISBN 0 7016 3281 X                      |  |

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|---|--|--|
|   | Trott, P, <i>Innovation Management and New Product Development</i> , Financial Times Pitman Publishing, 1998, ISBN 0 2736 3111 X | This text describes how to manage innovation through case studies, research and development, marketing, new product development and organisational strategies. |
| – impact of the Major Design Project on the individual, society and the environment | Forty, A, <i>Objects of Desire: Design and Society since 1750</i> , Thames and Hobson, 1995, ISBN 0 5002 7412 6                  | This book discusses historical and cultural influences upon design.  |
|   | Hauffe, T, <i>Design: A Concise History</i> , Laurence King Publishing, 1998, ISBN 1 8566 9134 9                                 | This text suggests a timeline of design history, a glossary and thumbnail biographies of major designers.  |
|   | Barlex, D, <i>Product Design, Nuffield Design and Technology</i> , Addison Westley Longman, 1996, ISBN 0 5822 3469 7             | Includes a discussion on design appropriateness.   |
|   | Woodham, J, <i>Twentieth Century Design</i> , Oxford University Press, 1997, ISBN 0 1928 4204 8                                  | Gives an outline of the development of design throughout this century.   |
|   | ICAC, <i>Ethics in Design and Technology</i> , CD-ROM and teacher handbook, 1996, no ISBN  | A resource which addresses personal values, beliefs, community and individual needs and values.  |

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| <b>Content</b>              | <b>Resource</b>   | <b>Comment</b>   |
|-----------------------------|---|--|
| Websites that may be useful | <a href="http://www.cfd.rmit.edu.au/">http://www.cfd.rmit.edu.au/</a>   | The Centre for Design at RMIT: environment and design includes strategies for waste minimization, green issues in design.                |
|                             | <a href="http://www.fbe.unsw.edu.au/events/sustliving">http://www.fbe.unsw.edu.au/events/sustliving</a>         | The webpage for AGL Sustainable Living Competition: Solarch, The University of NSW.  |
|                             | <a href="http://203.63.129.138/worksafe/09/090001.htm">http://203.63.129.138/worksafe/09/090001.htm</a>         | A website discussing managing workplace hazards: full-text fact sheets on topics including comfort at work, plant and equipment hazards. |
|                             | <a href="http://www.library.unisa.edu.au/database/abs.htm">http://www.library.unisa.edu.au/database/abs.htm</a> | The Australian Bureau of Statistics – ABS, website.  |
|                             | <a href="http://www.photonics.com.au/research/resrch.htm">http://www.photonics.com.au/research/resrch.htm</a>   | The Australian Photonics CRC: teacher reference website.   |
|                             | <a href="http://www.ash.org.au/teachers/tefa/">http://www.ash.org.au/teachers/tefa/</a>                         | The Technology Education Federation of Australia: teacher reference website address. This address incorporates links to other sites.     |
|                             | <a href="http://www.phm.gov.au/schools">http://www.phm.gov.au/schools</a>                                       | The official web page of the Powerhouse Museum: general information about the museum, exhibitions, teacher previews.                     |
|                             | <a href="http://www.boardofstudies.nsw.edu.au">http://www.boardofstudies.nsw.edu.au</a>                         | The Board of Studies website includes examples of student photographs and text from Design and Technology coursework.                    |

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|----------------|---|--|
|                | <a href="http://www.capstonecomm.com/">http://www.capstonecomm.com/</a> | The Capstone Communication Group website includes a section on how they help businesses improve their marketing efforts. |