

| Subject        | Needs to  | How  |
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| Product Design | Revise Section A: Core Technical Principles       | <ul style="list-style-type: none"> <li>● New and emerging technologies [Revision guide p1-10]</li> <li>● Energy generation and storage [Revision guide p12-13]</li> <li>● Developments in new materials [Revision guide p30-31]</li> <li>● Systems approach to designing [Revision guide p24-27-10]</li> <li>● Mechanical devices [Revision guide p28-31]</li> <li>● Materials and their working properties [Revision guide p14-23 and 42-47]</li> <li>● Test yourself using- W:drive/Technology/Yr11 Revision/Revision Roulette</li> <li>● GCSEPOD-<br/><a href="https://members.gcsepod.com/content?subject_id=6069&amp;exam_board_id=1010&amp;topic_id=8656">https://members.gcsepod.com/content?subject_id=6069&amp;exam_board_id=1010&amp;topic_id=8656</a></li> <li>● BBC Bitesize- <a href="https://www.bbc.co.uk/bitesize/topics/zkcpkmn">https://www.bbc.co.uk/bitesize/topics/zkcpkmn</a></li> <li>● Daydream education link to pocket posters- <a href="https://apps.daydreameducation.com/pocket-poster-revision-guides/gcse-dt/?utm_source=UK+Schools+-+Customer+Database+%28September+2018%29&amp;utm_campaign=32edbd3ca-EMAIL_CAMPAIGN_2019_09_19_10_31_COPY_01&amp;utm_medium=email&amp;utm_term=0_3ee0d85937-32edbd3ca-137969469&amp;mc_cid=32edbd3ca&amp;mc_eid=52fc7af132">https://apps.daydreameducation.com/pocket-poster-revision-guides/gcse-dt/?utm_source=UK+Schools+-+Customer+Database+%28September+2018%29&amp;utm_campaign=32edbd3ca-EMAIL_CAMPAIGN_2019_09_19_10_31_COPY_01&amp;utm_medium=email&amp;utm_term=0_3ee0d85937-32edbd3ca-137969469&amp;mc_cid=32edbd3ca&amp;mc_eid=52fc7af132</a></li> </ul> |
|                | Revise Section B: Specialist Technical Principles | <ul style="list-style-type: none"> <li>● <b>Selection of materials or components</b> [Revision guide p34-35]</li> <li>● <b>Forces and stresses</b> [Revision guide p36-37]</li> <li>● <b>Ecological and social Footprint</b> [Revision guide p6-9]</li> <li>● <b>Scales of Production</b> [Revision guide p38-39]</li> <li>● <b>Woods, Metals and Polymers</b> [Revision guide p40-41, p44-47 and p58-73]</li> <li>● GCSEPOD-<br/><a href="https://members.gcsepod.com/content?subject_id=6069&amp;exam_board_id=1010&amp;topic_id=8655">https://members.gcsepod.com/content?subject_id=6069&amp;exam_board_id=1010&amp;topic_id=8655</a></li> <li>● BBC Bitesize-<a href="https://www.bbc.co.uk/bitesize/topics/zd9sd6f">https://www.bbc.co.uk/bitesize/topics/zd9sd6f</a></li> </ul>   |

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|  |   | <ul style="list-style-type: none"> <li>• Daydream education link to pocket posters- <a href="https://apps.daydreameducation.com/pocket-poster-revision-guides/gcse-dt/?utm_source=UK+Schools++Customer+Database+%28September+2018%29&amp;utm_campaign=32edbda3ca-EMAIL_CAMPAIGN_2019_09_19_10_31_COPY_01&amp;utm_medium=email&amp;utm_term=0_3ee0d85937-32edbda3ca-137969469&amp;mc_cid=32edbda3ca&amp;mc_eid=52fc7af132">https://apps.daydreameducation.com/pocket-poster-revision-guides/gcse-dt/?utm_source=UK+Schools++Customer+Database+%28September+2018%29&amp;utm_campaign=32edbda3ca-EMAIL_CAMPAIGN_2019_09_19_10_31_COPY_01&amp;utm_medium=email&amp;utm_term=0_3ee0d85937-32edbda3ca-137969469&amp;mc_cid=32edbda3ca&amp;mc_eid=52fc7af132</a></li> <li>•</li> </ul>  |
|  | <p>Revise Section C:<br/>Designing Principles</p> | <ul style="list-style-type: none"> <li>• The work of others- designers and companies [Revision guide p94-95]</li> <li>• Design briefs, Investigation and research- including ergonomics [ Revision guide p96-103] <a href="https://www.bbc.co.uk/bitesize/guides/zbn6pbk/revision/1">https://www.bbc.co.uk/bitesize/guides/zbn6pbk/revision/1</a></li> <li>• Design strategies [ Revision guide p104-105] <a href="https://www.bbc.co.uk/bitesize/guides/z6jkw6f/revision/1">https://www.bbc.co.uk/bitesize/guides/z6jkw6f/revision/1</a></li> <li>• Exploring and developing design ideas- including drawing techniques [communicating ideas in isometric projection, one point and two-point perspective, orthographic projection, exploded views and systems/schematic diagrams] [ Revision guide p106-111] <a href="https://www.bbc.co.uk/bitesize/guides/z6jkw6f/revision/1">https://www.bbc.co.uk/bitesize/guides/z6jkw6f/revision/1</a></li> <li>• Test yourself using- W:drive/Technology/Yr11 Revision/Revision Roulette</li> <li>• BBC Bitesize- <a href="https://www.bbc.co.uk/bitesize/topics/zj8yjhv">https://www.bbc.co.uk/bitesize/topics/zj8yjhv</a></li> <li>• GCSEPOD link- <a href="https://members.gcsepod.com/content?subject_id=6069&amp;exam_board_id=1010&amp;topic_id=8725">https://members.gcsepod.com/content?subject_id=6069&amp;exam_board_id=1010&amp;topic_id=8725</a></li> <li>• Daydream education link to pocket posters- <a href="https://apps.daydreameducation.com/pocket-poster-revision-guides/gcse-dt/?utm_source=UK+Schools++Customer+Database+%28September+2018%29&amp;utm_campaign=32edbda3ca-EMAIL_CAMPAIGN_2019_09_19_10_31_COPY_01&amp;utm_medium=email&amp;utm_term=0_3ee0d85937-32edbda3ca-137969469&amp;mc_cid=32edbda3ca&amp;mc_eid=52fc7af132">https://apps.daydreameducation.com/pocket-poster-revision-guides/gcse-dt/?utm_source=UK+Schools++Customer+Database+%28September+2018%29&amp;utm_campaign=32edbda3ca-EMAIL_CAMPAIGN_2019_09_19_10_31_COPY_01&amp;utm_medium=email&amp;utm_term=0_3ee0d85937-32edbda3ca-137969469&amp;mc_cid=32edbda3ca&amp;mc_eid=52fc7af132</a></li> </ul> |
|  | <p>Revise Section C:<br/>Making Principles</p>    | <ul style="list-style-type: none"> <li>• Manufacturing Specifications [[Revision guide p112-113]</li> <li>• Developing prototypes and modelling -virtual modelling/modelling in card, foam, clay or other suitable materials] [revision guide p114-115]</li> <li>• Material management-Marking out and using materials efficiently [revision guide p116-117]</li> <li>• Health and safety-working safely [revision guide p118-119]</li> <li>• Test yourself using- W:drive/Technology/Yr11 Revision/Revision Roulette</li> <li>• BBC Bitesize-Making- <a href="https://www.bbc.co.uk/bitesize/guides/zbstng8/revision/1">https://www.bbc.co.uk/bitesize/guides/zbstng8/revision/1</a></li> <li>• BBC Bitesize-Evaluating ideas- <a href="https://www.bbc.co.uk/bitesize/guides/zj9g4qt/revision/1">https://www.bbc.co.uk/bitesize/guides/zj9g4qt/revision/1</a></li> </ul>   |

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|  | Revise for your Mock exam  | <ul style="list-style-type: none"> <li>BBC Bitesize <a href="https://www.bbc.co.uk/bitesize/examspecs/zby2bdm">https://www.bbc.co.uk/bitesize/examspecs/zby2bdm</a></li> <li>Revision guide</li> </ul>  |
|  | Revise ergonomics and anthropometrics/User needs   | <ul style="list-style-type: none"> <li>Revision guide p96-97</li> <li>Bitesize: <a href="https://www.bbc.co.uk/bitesize/guides/zbn6pbk/revision/1">https://www.bbc.co.uk/bitesize/guides/zbn6pbk/revision/1</a></li> </ul>  |
|  | Revise Materials and their working properties and  | <ul style="list-style-type: none"> <li>Materials and their working properties [Revision guide p14-23, 42-47 and p58-73]</li> <li><b>Selection of materials or components</b> [Revision guide p34-35]</li> <li>BBC Bitesize-<a href="https://www.bbc.co.uk/bitesize/topics/zd9sd6f">https://www.bbc.co.uk/bitesize/topics/zd9sd6f</a></li> <li>Daydream education link to pocket posters- <a href="https://apps.daydreameducation.com/pocket-poster-revision-guides/gcse-dt/?utm_source=UK+Schools+-+Customer+Database+%28September+2018%29&amp;utm_campaign=32edbdba3ca-EMAIL_CAMPAIGN_2019_09_19_10_31_COPY_01&amp;utm_medium=email&amp;utm_term=0_3ee0d85937-32edbdba3ca-137969469&amp;mc_cid=32edbdba3ca&amp;mc_eid=52fc7af132">https://apps.daydreameducation.com/pocket-poster-revision-guides/gcse-dt/?utm_source=UK+Schools+-+Customer+Database+%28September+2018%29&amp;utm_campaign=32edbdba3ca-EMAIL_CAMPAIGN_2019_09_19_10_31_COPY_01&amp;utm_medium=email&amp;utm_term=0_3ee0d85937-32edbdba3ca-137969469&amp;mc_cid=32edbdba3ca&amp;mc_eid=52fc7af132</a></li> </ul> |
|  | Practise answering longer exam questions   | <ul style="list-style-type: none"> <li>GCSE example papers- <a href="https://technologystudent.com/despro_flsh/exams1.html">https://technologystudent.com/despro_flsh/exams1.html</a></li> </ul>  |
|  | Make sure all NEA/controlled assessment sheets are completed fully to reach your target level. | <ul style="list-style-type: none"> <li>Use the help sheets - W:\Technology\EP YR11 2020/ep year11 NEA help slides</li> </ul>  |

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|  | Make sure you have fully completed all of Section A of your NEA to reach your target level       | <ul style="list-style-type: none"><li>• Use the help sheets - W:\Technology\EP YR11 2020/ep year11 NEA help slides</li></ul> |
|  | Make sure you have fully completed all of Section A and B of your NEA to reach your target level | <ul style="list-style-type: none"><li>• Use the help sheets - W:\Technology\EP YR11 2020/ep year11 NEA help slides</li></ul> |