

Learning without Limits (LWL) – Core Skills in KS3 Design Technology

<i>Skill Set</i>	<i>Developing</i>	<i>Secure</i>	<i>Extending</i>
Research and Communication	1. Cut and paste or some attempt made to write out research topic in own words <input type="checkbox"/> 2. Design specifications will be written with limited guidance and support. Specification points may not be clear or make sense <input type="checkbox"/> 3. Decisions communicated at a simplistic level with a limited grasp of the concepts and use of technical vocabulary <input type="checkbox"/> 4. Numerous errors in grammar, punctuation and spelling <input type="checkbox"/>	5. Information presented in own words <input type="checkbox"/> 6. Design specifications will be written with minimal guidance and support. Specification points will be clear and provide information for the design to be made <input type="checkbox"/> 7. Most decisions communicated with some clarity and with some use of technical language <input type="checkbox"/> 8. There are a small number of errors in grammar, punctuation and spelling <input type="checkbox"/>	9. Work presented in own words and relevant additional information given on the topic <input type="checkbox"/> 10. Design specification points will be written independently. Ideas will be clear and precise and allow the reader to interpret the design outcomes <input type="checkbox"/> 11. All decisions communicated in a clear and coherent manner with appropriate use of technical language <input type="checkbox"/> 12. The text is legible, easily understood and shows a good grasp of grammar, punctuation and spelling <input type="checkbox"/>
Designing	13. 2D drawing with aspects of 3D <input type="checkbox"/> 14. Colour applied to designs with some light and dark shading. <input type="checkbox"/> 15. Little labelling of ideas / annotation poor <input type="checkbox"/>	16. Oblique drawing <input type="checkbox"/> 17. Rendering - Colour and pattern are applied to replicate material used <input type="checkbox"/> 18. All Ideas are annotated with brief explanations <input type="checkbox"/>	19. Isometric 3D drawing <input type="checkbox"/> 20. Rendering - Colour used effectively to show material and possibly shadows <input type="checkbox"/> 21. All Ideas are annotated precisely with clear justification <input type="checkbox"/>
Making / Modelling and using tools and equipment	22. Use tools, equipment and machinery with guidance and support <input type="checkbox"/> 23. Modelling with limited guidance – model will bear some resemblance to the final product <input type="checkbox"/>	24. Select and use the correct tools, equipment and machinery with some confidence <input type="checkbox"/> 25. Modelling with minimal guidance – model will be sufficiently accurate to allow the final product to be assembled <input type="checkbox"/>	26. Competently select and use the correct tools, equipment and machinery <input type="checkbox"/> 27. Modelling with independence, the model accurately represents the final product <input type="checkbox"/>
Evaluation and Communication	28. limited use of terminology <input type="checkbox"/> 29. Evaluations will be brief and require guidance and support. <input type="checkbox"/> 30. Decisions communicated at a simplistic level with a limited grasp of the concepts and use of technical vocabulary <input type="checkbox"/> 31. Numerous errors in grammar, punctuation and spelling <input type="checkbox"/>	32. Correct use of terminology <input type="checkbox"/> 33. Evaluations will be clear and show some reflective understanding of the outcomes and expectations of the project <input type="checkbox"/> 34. Most decisions communicated with some clarity and with some use of technical language <input type="checkbox"/> 35. There are a small number of errors in grammar, punctuation and spelling <input type="checkbox"/>	36. Consistent use of correct terminology <input type="checkbox"/> 37. Evaluations will be constructive, critical and thoughtful, making judgements about outcomes and recommendations for future tasks <input type="checkbox"/> 38. All decisions communicated in a clear and coherent manner with appropriate use of technical language <input type="checkbox"/> 39. The text is legible, easily understood and shows a good grasp of grammar, punctuation and spelling <input type="checkbox"/>