## DRAFT PERFORMANCE BANDS
### DESIGN AND TECHNOLOGY

The typical performance in this band:

| Band 6 | • demonstrates a high level of understanding of design theory and the factors affecting design  
• critically analyses the factors which influence design and technological development  
• exemplifies quality design practice and is innovative in applying design theory  
• selects from, and effectively uses a wide range of research methodologies and communication techniques  
• selects and appropriately uses materials, tools and techniques and manages the production of an outstanding major design project  
• comprehensively evaluates processes undertaken in their own and other’s design and technological activities  
• critically assesses the impact of current and emerging technologies |
| Band 5 | • demonstrates a detailed understanding of design theory and the factors affecting design  
• analyses the factors which influence design and technological development  
• applies understanding of design theory to exhibit quality design practice  
• selects from, and uses appropriately a range of research methodologies and communication techniques  
• selects and appropriately uses materials, tools and techniques and manages the production of a high quality major design project  
• evaluates processes undertaken in their own and other’s design and technological activities  
• assesses the impact of current emerging technologies |
| Band 4 | • demonstrates a sound understanding of design theory and the factors affecting design  
• explains the factors which influence design and technological development  
• applies understanding of design theory to display good design practice  
• selects and uses a range of research methodologies and communication techniques  
• selects and uses materials, tools and techniques and manages the production of a major design product of substantial quality  
• explains processes undertaken in their own and other's design and technological activities  
• demonstrates a broad knowledge and understanding of current and emerging technologies |
| Band 3 | • demonstrates a basic understanding of design theory and the factors affecting design  
• describes the factors which influence design and technological development  
• develops and implements design ideas  
• conducts basic research and presents findings and ideas using only one or two communication techniques  
• uses materials, tools and techniques and manages the production of a satisfactory major design project  
• describes processes undertaken in their own and other's design and technological activities  
• demonstrates a basic knowledge of current and emerging technologies |
| Band 2 | • demonstrates a limited understanding of design theory and the factors affecting design  
• identifies some factors which influence design and technological development  
• implements design ideas  
• conducts limited research and communicates ideas in a simple way  
• uses materials, tools and techniques to produce an elementary major design project  
• identifies design criteria for their own and other's design and technological activities  
• demonstrates an elementary knowledge of current and emerging technologies |
| Band 1 | • |