

# DRAFT PERFORMANCE BANDS

## DESIGN AND TECHNOLOGY

*The typical performance in this band:*

<b>Band 6</b>	<ul style="list-style-type: none"> <li>• demonstrates a high level of understanding of design theory and the factors affecting design</li> <li>• critically analyses the factors which influence design and technological development</li> <li>• exemplifies quality design practice and is innovative in applying design theory</li> <li>• selects from, and effectively uses a wide range of research methodologies and communication techniques</li> <li>• selects and appropriately uses materials, tools and techniques and manages the production of an outstanding major design project</li> <li>• comprehensively evaluates processes undertaken in their own and other's design and technological activities</li> <li>• critically assesses the impact of current and emerging technologies</li> </ul>
<b>Band 5</b>	<ul style="list-style-type: none"> <li>• demonstrates a detailed understanding of design theory and the factors affecting design</li> <li>• analyses the factors which influence design and technological development</li> <li>• applies understanding of design theory to exhibit quality design practice</li> <li>• selects from, and uses appropriately a range of research methodologies and communication techniques</li> <li>• selects and appropriately uses materials, tools and techniques and manages the production of a high quality major design project</li> <li>• evaluates processes undertaken in their own and other's design and technological activities</li> <li>• assesses the impact of current emerging technologies</li> </ul>
<b>Band 4</b>	<ul style="list-style-type: none"> <li>• demonstrates a sound understanding of design theory and the factors affecting design</li> <li>• explains the factors which influence design and technological development</li> <li>• applies understanding of design theory to display good design practice</li> <li>• selects and uses a range of research methodologies and communication techniques</li> <li>• selects and uses materials, tools and techniques and manages the production of a major design product of substantial quality</li> <li>• explains processes undertaken in their own and other's design and technological activities</li> <li>• demonstrates a broad knowledge and understanding of current and emerging technologies</li> </ul>
<b>Band 3</b>	<ul style="list-style-type: none"> <li>• demonstrates a basic understanding of design theory and the factors affecting design</li> <li>• describes the factors which influence design and technological development</li> <li>• develops and implements design ideas</li> <li>• conducts basic research and presents findings and ideas using only one or two communication techniques</li> <li>• uses materials, tools and techniques and manages the production of a satisfactory major design project</li> <li>• describes processes undertaken in their own and other's design and technological activities</li> <li>• demonstrates a basic knowledge of current and emerging technologies</li> </ul>
<b>Band 2</b>	<ul style="list-style-type: none"> <li>• demonstrates a limited understanding of design theory and the factors affecting design</li> <li>• identifies some factors which influence design and technological development</li> <li>• implements design ideas</li> <li>• conducts limited research and communicates ideas in a simple way</li> <li>• uses materials, tools and techniques to produce an elementary major design project</li> <li>• identifies design criteria for their own and other's design and technological activities</li> <li>• demonstrates an elementary knowledge of current and emerging technologies</li> </ul>
<b>Band 1</b>	<ul style="list-style-type: none"> <li>•</li> </ul>