STUDENT NAME:

TEACHER:

CLASS:

TECHNICAL GRAPHICS

I can describe first and third angle projection and draw the symbols...........................☐

I can accurately sketch objects in third angle projection, using correct line types.........☐

I can manually draw objects in third angle projection, using correct line types...............☐

I can use 3D CAD to draw objects and create drawings in third angle projection..............☐

I can correctly dimension sketches and drawings to BS8888 and recognise mistakes.........☐

I can create and analyse sectional views correctly...☐

I can create components, assemblies and exploded views of 3D CAD models..........................☐

I can create clear, accurate and detailed production drawings without assistance...................☐

GRAPHIC DESIGN

I can identify the design principles: alignment, dominance, line, unity, depth, contrast..............☐

I can use DTP software to create effective layouts in response to a plan or brief.........................☐

I can use printers to publish draft and final-copy layouts, including setting paper sizes...............☐

I can create graphics and images to suit the needs of a DTP layout.......................................☐

I can identify and describe DTP terms, including drop shadow, line, text-wrap, colour matching.........☐

I can sketch and annotate layout plans or thumbnails in relation to a brief.................................☐

I can analyse commercial layouts for DTP features and techniques and suggest improvements........☐

I can describe and use colour theory effectively in the creation of promotional layouts............☐

PRISMS + GEOMETRY

I can sketch prisms, cylinders cones, pyramids, including those with cut faces..........................☐

I can manually draw prisms, cylinders cones, pyramids, including those with cut faces.........☐

I can use CAD to draw prisms, cylinders cones, pyramids, including those with cut faces.....☐

I can create surface developments and true shapes using manual techniques.......................☐

I can create surface developments and true shapes using CAD techniques.........................☐

I can draw hexagons and octagons using manual and CAD techniques............................☐

I can identify and calculate true lengths correctly..☐

I can identify and measure true shape correctly...☐

RENDERING + ILLUSTRATION

I can use spirit markers to illustrate surfaces, materials and textures...................☐

I can use pencil to illustrate surfaces, materials and textures............................☐

I can use 3D CAD illustration software to assign materials realistically..........☐

I can create scenes and contexts to place 3D CAD models.........................☐

I can create and apply surface textures of my own design.......................☐

I can render scenes and illustrations to a suitable resolution..............☐

I can download and upload 3D CAD models and textures..............☐

PROJECT FEEDBACK

PROJECT QUALITY

PERSONAL | PEER REVIEW | TEACHER

☐ PROJECT SHOWCASED ON DETstudio.com?
☐ COMPLETED ON SCHEDULE?
☐ PERSONAL GRADE (A–F)
☐ TOPIC EXAM GRADE (A–F)
☐ PROJECT GRADE (A–F)

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