3D objects

Tec.Graphics

Statement Code no: 4

Student:	Class
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At Junior Certificate level the student can:

Apply the knowledge and skills of drawing needed to understand the design and construction of 3D objects

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	Date Commenced: OO/OO/OO Date Awarded: OC	0/00/00					
Learning Targets - This has been demonstrated by your ability to:							
1	Recognise the following 3D shapes from your environment: sphere, cube, cuboid, cone	000					
2	Give examples of the above 3D shapes from the environment	000					
3	Recognise the following 3D shapes: square-based, triangular-based and polygonal pyramids and prisms	000					
4	Recognise and copy simple isometric objects made up of cubes and cuboids under direct teacher guidance	000					
5	Estimate and measure a small 3D object with rectangular sides and record measurements on a given 3D drawing	000					
6	Dismantle a cardboard container to show the shape of its construction	000					
7	Understand an exploded view of a container	000					
8	Draw and construct a simple 3D container from a given development drawing containing dimensions, using paper or card	000					
9	Understand plan and front elevation of a simple object by reference to a 3D solid	000					
10	Demonstrate an understanding of plan and front elevation of a simple object by colouring surfaces on given isometric drawings	000					
11	Draw a plan and front elevation of a simple everyday solid and insert dimensions	000					
12	Understand the following terms: elevation, isometric, development, envelopment	000					
13	Follow a simple design brief to draw and construct a simple container from card, plastic, metal, or wood	000					

Work begun \bigcirc \bigcirc	Work in progress		Work completed)
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