

S2 Graphic Communication 2019-20

	Week No.	<i>The S2 Graphic Communication course aims to give pupils an insight into the role of graphics in industry and society. Pupils will develop skills in both manual and computer aided graphics. They will use instruments to produce formal technical drawings; develop skills in sketching, rendering and the use of colour; use industry standard software for 3D modelling and desktop publishing. The course will provide a springboard to achievement at National 4/5, Higher and even Advanced Higher.</i>	
			Homework
JUNE	1		
	2	3D CAD Modelling – Shape Sorter - Inventor skill building tutorials	
	3	Technical Graphics – Section A – Grids / Redraw 2D objects - Logo Design Technical Graphics - Section A – 2D CAD – Techsoft – Logo Redraw	
Summer Holiday			
AUG	1	Course outline- Overall structure of course and elements explained. Induction to Technical Graphics Technical Graphics - Section B - Orthographic Drawings (use of trammels)	H/W – 3D Made Easy online tutorials
	2	Technical Graphics - Section B – Inventor Models and CAD Drawings	H/W – 3D Made Easy online tutorials
SEPT	3	Freehand Sketching – 3D – Oblique / 1 Point Perspective / Isometric / 2 Point Perspective	H/W – Rendering Shaped Blocks
	4	Graphics Assignment 1 – Printed Pals <ul style="list-style-type: none"> • Analysing Brief • Style/Mood Board • Idea Generation • 2D / 3D Sketching • 3D CAD model • Production drawings of model • Rendered model with materials/lights/shadows/reflections • Exporting file and saving to collaboration space • 3D Printing 	H/W – Ortho Views 1 Multi-choice
	5		H/W – Ortho Views 2 Multi-choice
	6		H/W – Ortho Views 3 Multi-choice
	7		H/W – Colour Theory 1
8	H/W – Sketching ideas		
OCT	9	Introduction to Colour Theory DeskTop Publishing – using Serif PagePlus <ul style="list-style-type: none"> ○ Design features <ul style="list-style-type: none"> ○ Creative text ○ Fills ○ Text wrap ○ Drop shadow 	
October Week			
OCT	10	Graphics Assignment 1 – Printed Pals DTP poster	
NOV	11	Illustration & Presentation - Coloured Pencil Rendering Sketching Circles	
	12	Technical Graphics - Section C – Isometric	H/W – Ortho Views Sketch 1
	13	Ikea Toy Car Project <ul style="list-style-type: none"> ○ Model Components ○ Create Assembly ○ Presentation Page (CAD Drawings, Rendered Model) 	H/W – Ortho Views Sketch 2
	14		H/W – Bring in an example of a prism package.
DEC	15	Technical Graphics - Section D – Prisms & Developments.	H/W – Investigation on an aspect of packaging.
	16	Ikea Toy Car Project Continued (Packaging Design)	
	17	<ul style="list-style-type: none"> ○ The Function of Packaging ○ Industrial Practice – Sustainability – How it's Made ○ Environmental Issues ○ Research / Graphic Specification ○ Thumbnail ideas for Toy Car Package ○ Techsoft Package 	H/W – DTP terms
	18		

Christmas			
JAN	19	Logo Design	H/W – CAG K&U 1
	20	<ul style="list-style-type: none"> Logo Research / Analysis Logo Brief 2D Sketching 2D Design 	H/W – CAG K&U 2
	21 Interim Report	Lego Project - 3D Made Easy	
	22	Technical Graphics - Section – E - Orthographic Detail Drawings	
FEB	23	2pt Perspective Sketching Illustration & Presentation - Pastels	
	24 25	Interior Design Project (Cromlix Hotel)	H/W – 3D Made Easy Tutorials
	26	Jewellery Box Assembly Task <ul style="list-style-type: none"> Using 3D constraints to create assembly of component parts 	
MAR	27	Sketching & Rendering Skill builders (Ikea Toys)	"
	28	IKEA Lighthouse Task <ul style="list-style-type: none"> Analytical Ortho Sketching - measurement 	H/W – Sketching skill builders
	29	<ul style="list-style-type: none"> Modelling Plan Parts Assembly 	
	30	<ul style="list-style-type: none"> Production Drawings Render – materials, lights, shadows and reflections Pencil rendered presentation 	

Easter			
APR	31	CAD Assignment – Shape Sorter (2) <ul style="list-style-type: none"> Create Components Create Assembly CAD Drawings 	H W – Website evaluation questionnaire. Evaluation 1
	32	<ul style="list-style-type: none"> Orthographic views of component parts (dimensioned) Orthographic views of assembly Pictorial view of assembly Exploded Isometric 	
MAY	33	Colour Theory	H/W - Computer Aided Graphics – Hardware & Software
	34	Desktop Publishing USB Task (Contrast, Repetition, Alignment, Depth, Unity) <ul style="list-style-type: none"> Thumbnail Ideas Annotations Final Design 	
	35 Full Report		H/W – 3D Made Easy Tutorials
	36	Built Environment	"
	37	Section H - Planometric House Theme	"
	38 Parents' Evening	DTP Image Manipulation Task (Kite)	