



Founded in 1888

Queen Elizabeth's Girls' School

Educating Women of the Future

Technology - Year 9

Entire Year Rotations		
Unit of work	Knowledge	Skills
Iterative design coursework.	Students are given a context to investigate and find an opportunity to design by investigating the context in depth. Students respond to their investigation by creating a solution to a self identified problem.	Different types of research both primary and secondary. Different methods of design iteration using many methods of rapid prototyping concepts in three dimensions.
Urban planning	Students are to design a town building which will then become part of a large city model. Modelling to scale using various methods of design as the inspiration. Lateral thinking is a key form of design taught in this unit.	CAD - 3D modelling. Working with foam core board and other architectural materials. Collaborative design and manufacture.
Design movements	Students learn to create a tote bag influenced by Bauhaus or Pop Art.	Pattern cutting and pattern language. Stencilling. Sewing machine skills.
Key Terms: Perspective, Elevation, Client, Target demographic, Bauhaus, Iteration, Investigation.		
Course materials: Departmental exercise book, <u>wooden</u> graphite pencil, colouring pencils, eraser, ruler, black fineliner, pritt stick, Various materials and tools provided as needed.		
Homework will include: Primary and secondary research, Fortnightly tasks related to ongoing project work		
Assessment details: Material tests. Practical outcome assessment. When will the assessment take place? At the end of each rotation		