



Chessington D.T Curriculum

Year 10

Lunchtime catch up Classes

Mock Exams
Undertaking research with appropriate types of communication and media with relevant forms of graphical presentation.

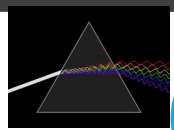
Coursework development



Annotating design ideas and model developed ideas.



Template and model making to make a final solution.
Theory: New and emerging technologies
Energy materials, and working properties
Specialist technical principles
Designing and making principles



Creating design for a light fitting - develop your own brief

Year 9



3-D and mathematical modelling, oral and digital presentations.



Assessment Preparation

End of year assessment

Modelling, sketching and developing ideas, with the potential of using CAD/CAM and a laser cutter.



Product design – clock based on an artist

Annotating design ideas and model developed ideas.



Designing pattern pieces and templates. Developing surface decoration

Textiles storage roll

Theory: New and emerging technologies
Energy materials, and working properties
Specialist technical principles
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Researching items for storage and re-designing the storage box to suit a particular user or products to be stored.



Assessment Preparation

End of year assessment

Year 8



Design a chair for a healthy lifestyle



Development of technical language and vocabulary.



Students will develop specifications to inform the design of innovative, functional, appealing products

Product design- Store it container

Textiles – Tote Bag



To be able to select materials and techniques suitable for their designs.

Development skills: Ideas, annotation, surface decoration and machining.

Year 7



End of year assessment



Assessment Preparation

Design a moving wooden toy



Key Drawing skills: one- and two-point perspective, isometric and crating.



Undertaking research, Ideas, annotation, modelling, templates.



Making their own silhouettes and patterns for Vacuum forming.



Formal drawing and sketching techniques.

Product Design – Fridge magnet

Threading up the sewing machines and various stitches



Students will identify a theme and design for their target market



Welcome to Chessington School



TEXTILES Drawstring Bag

Assessment of skills

To introduce Year 7 students to the sewing machines and surface decoration techniques.



Theory: New and emerging technologies
Energy materials, and working properties
Specialist technical principles
Designing and making principles

Summer School Transition

Transition