

TNHA “Determined to be the best that we can be”

GCSE Design Technology – Resistant Materials

Exam Board

Edexcel (www.edexcel.com)

Assessment

50% Design Portfolio and Practical

50% Theory Exam

Course Summary

Component 1

On this course students will study in preparation for an externally assessed examination.

This will include an understanding and ability to analyse design decisions and outcomes and to understand technical principles and manufacturing methods.

Students will also be able to evaluate wider issues in design technology, including social, moral, ethical and environmental impacts.

Student will also choose a the particular material they want to work in for this topic

Component 2

Students will be given 3 contextual design challenges by the exam board and will choose one to respond to. The projects will be internally assessed and externally moderated.

Students will produce a project which consists of a portfolio and a prototype. The portfolio will contain 20 to 30 A3 Design sheets.

There are four separate parts to the assessment:

Part 1: Investigate and research

Part 2: Design and develop

Part 3: Make prototype

Part 4: Evaluate

Post 16 Progression

Students can progress onto A Level Design Technology and related academic and vocational courses.

Where can Design Technology take you?

Design Technology can lead to careers in engineering, product design, architecture, construction, graphic design, media and advertising.

For further information please contact:

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