

# Discover the Ultimate Guide to WJEC Eduqas GCSE Design and Technology!

Are you a student or teacher interested in exploring the fascinating world of design and technology? Look no further! In this comprehensive article, we will delve into the intricacies of the WJEC Eduqas GCSE Design and Technology syllabus, giving you a detailed insight into its components, assessment criteria, and tips for preparing effectively. Join us on this exciting journey into the world of creativity and innovation!

## What is WJEC Eduqas GCSE Design and Technology?

WJEC Eduqas GCSE Design and Technology is a popular qualification offered to students between the ages of 14 and 16, typically taken in the final years of secondary education. This course encompasses a wide range of design-related disciplines, including product design, fashion and textiles, and electronic products.

Design and Technology not only equips students with practical skills but also fosters creative thinking, problem-solving abilities, and an understanding of the impact of design on society and the environment. Students engage in hands-on projects, ideation sessions, and critical analysis to develop a holistic understanding of design principles.

## WJEC Eduqas GCSE (9-1) Design and Technology

by Ian Fawcett (Kindle Edition)

★★★★☆ 4.1 out of 5

Language : English

File size : 47264 KB

Text-to-Speech : Enabled

Screen Reader : Supported



Enhanced typesetting : Enabled  
Print length : 339 pages



## Key Components of the Syllabus

The WJEC Eduqas GCSE Design and Technology syllabus consists of several key components that students need to master. These include:

- Design and innovation
- Product analysis
- Materials and components
- Industrial and commercial practice
- Evaluation and testing
- Sustainable design

## Assessment Criteria

The assessment for WJEC Eduqas GCSE Design and Technology is divided into two components: a non-exam assessment (NEA) and a written examination. Let's explore each of these components:

### Non-Exam Assessment (NEA)

The NEA component allows students to showcase their creative and practical skills through a design and make project. This project contributes to 50% of the overall GCSE grade. Students have the freedom to choose their project theme, allowing them to explore their personal interests and showcase their individual talents. The NEA is an opportunity for students to demonstrate their ability to design, develop, and manufacture a high-quality prototype product.

## **Written Examination**

The written examination accounts for the remaining 50% of the GCSE grade. This exam covers a broad range of topics, including design principles, materials, manufacturing processes, and societal impacts. Students must demonstrate their theoretical understanding of design and technology concepts, as well as their ability to apply this knowledge to real-life scenarios. The exam consists of a combination of multiple-choice, short answer, and extended response questions.

## **Tips for Success**

Preparing for the WJEC Eduqas GCSE Design and Technology requires careful planning and diligent practice. Here are some tips to help you excel in this subject:

1. Immerse yourself in the world of design: Explore design-related magazines, websites, and exhibitions to stay up-to-date with the latest trends and innovations.
2. Prioritize practical work: Design and Technology is a hands-on subject, so make sure to dedicate enough time and effort to practical projects.
3. Master the design process: Familiarize yourself with the stages of the design process - research, ideation, development, and evaluation. This will provide you with a solid foundation for your NEA.

4. Develop critical analysis skills: Analyzing existing products and identifying their strengths and weaknesses is crucial in design. Practice evaluating products to enhance your evaluative skills.
5. Revise key theory concepts: The written examination requires a strong understanding of design principles and theory. Regularly revise key topics and practice answering exam-style questions.

The WJEC Eduqas GCSE Design and Technology qualification offers students a comprehensive exploration of the exciting world of design, creativity, and innovation. Through practical projects, critical analysis, and theoretical understanding, students develop the skills necessary for successful careers in various design-related fields. By following the tips mentioned above and maintaining a passion for design, you can excel in this subject and unlock endless opportunities for future growth and success. Embrace the world of design and technology and let your creative journey begin!



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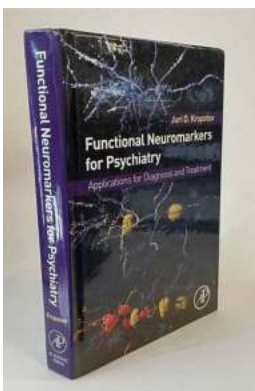


Exam board: WJEC Eduqas Level: GCSE Subject: Design & Technology First teaching: September 2017 First exams: Summer 2019

Reinforce classroom learning and boost students' understanding of all materials with this textbook written for the WJEC Eduqas GCSE (9-1) Design & Technology specification.

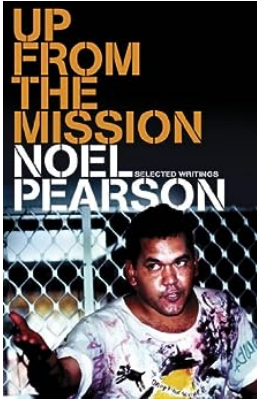
Written by leading D&T experts, this textbook will build your students' knowledge of the core principles, help to develop their designing and making skills and provide them with the opportunity to make sure they are ready to tackle both parts of the assessment.

- Helps students clearly understand the core principles of all materials and general concepts of designing and making, as well as build their knowledge, understanding and skills for one material or system in more depth
- Hones students' mathematical and scientific ability so they don't miss out on the easy marks
- Features practice questions in the style of the written exam to make sure students are confident to tackle the written element of the assessment
- Inspires and motivates students with stretch and challenge: activities designed to challenge the more able learners and to ensure progression to A-level



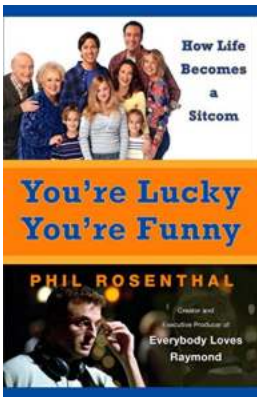
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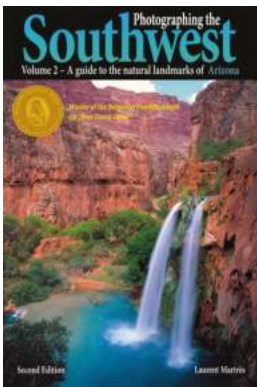
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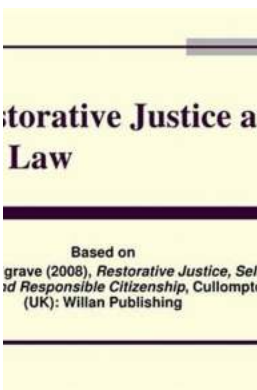
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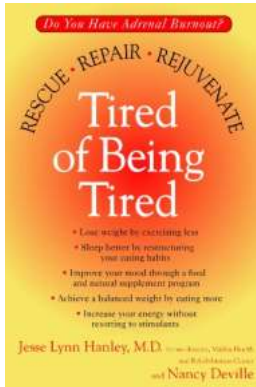
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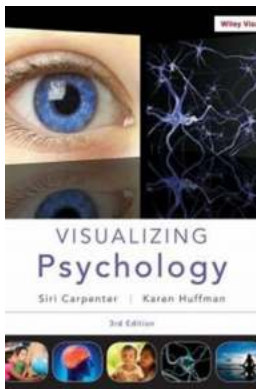
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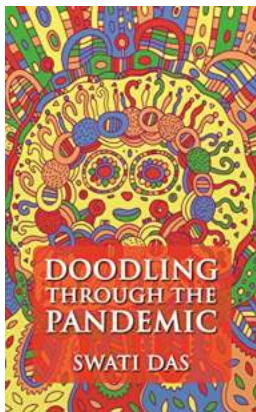
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