

All you wanted to know about D&T but were afraid to ask?

A presentation at the PATT 40 Conference Liverpool John Moores University November 2023

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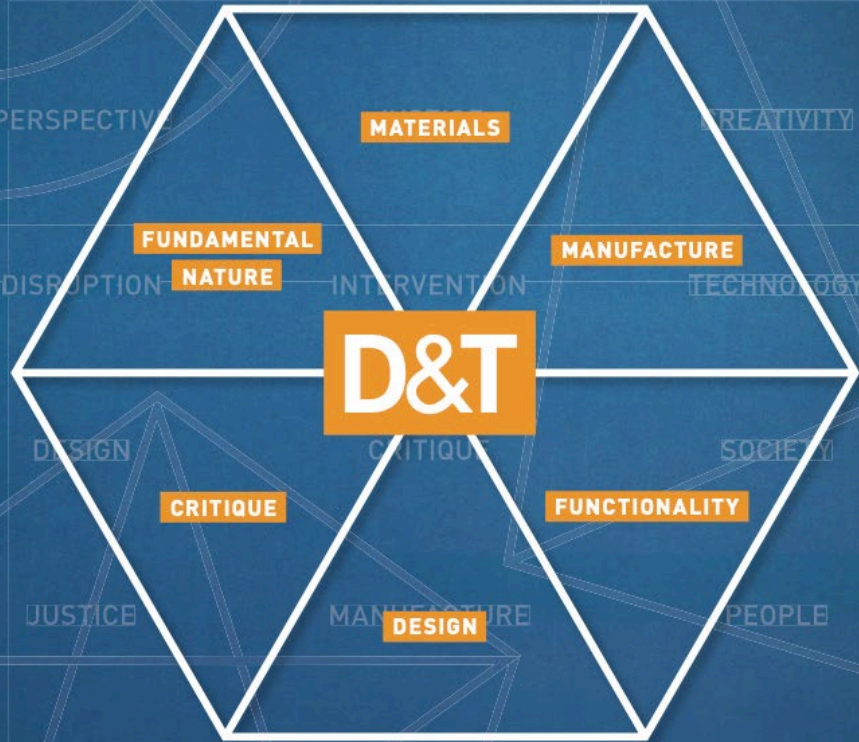
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DESIGN AND TECHNOLOGY IN YOUR SCHOOL

PRINCIPLES FOR CURRICULUM, PEDAGOGY AND ASSESSMENT



HILDARUTH BEAUMONT WITH TORBEN STEEG
Foreword by Mary Myatt

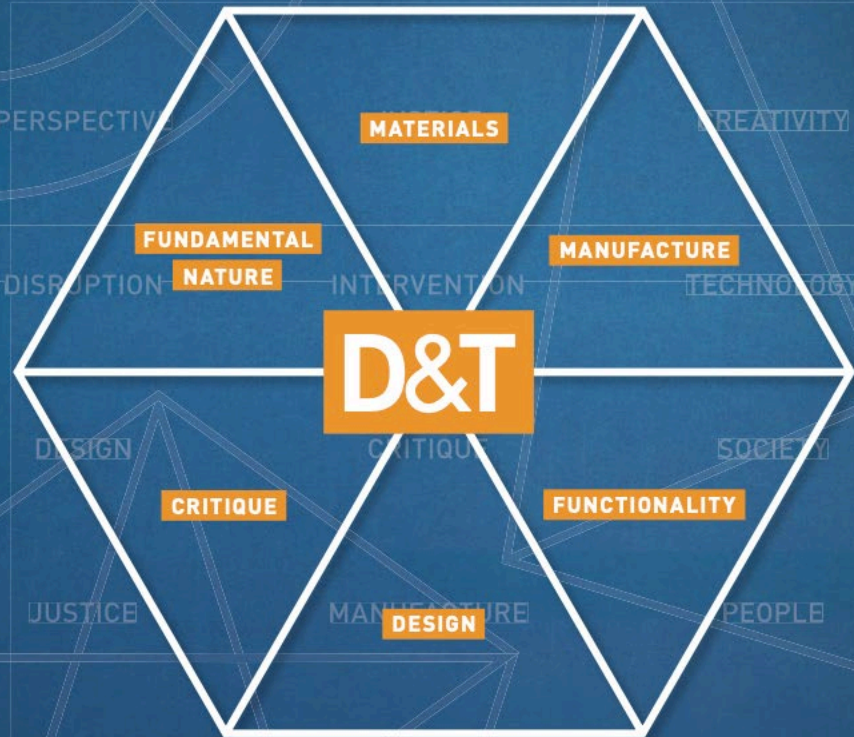


Overview

1. Why write the book?
2. Structure
3. Devices for active engagement
4. Critical Friends
5. Thought pieces
6. Contentious Issues
7. Concluding remarks

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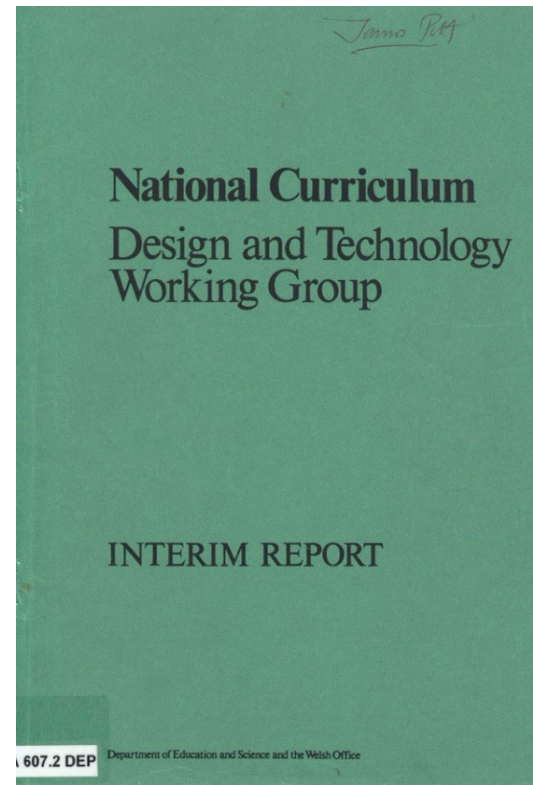
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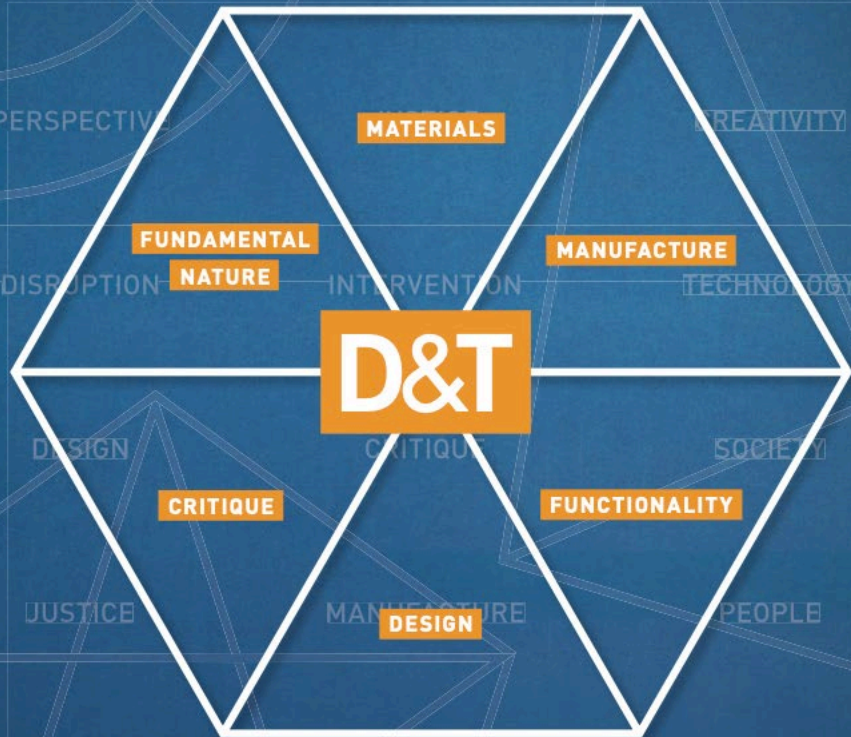
Why write the book?



We believe that design & technology, as originally conceived for the National Curriculum in England, can be successfully constructed, taught, assessed and supported.

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Structure

Foreword

Chapter 1

Justifying design & technology

Chapter 2

Understanding design & technology

Chapter 3

Important issues

Chapter 4

Planning your design & technology curriculum

Chapter 5

Teaching design & technology

Chapter 6

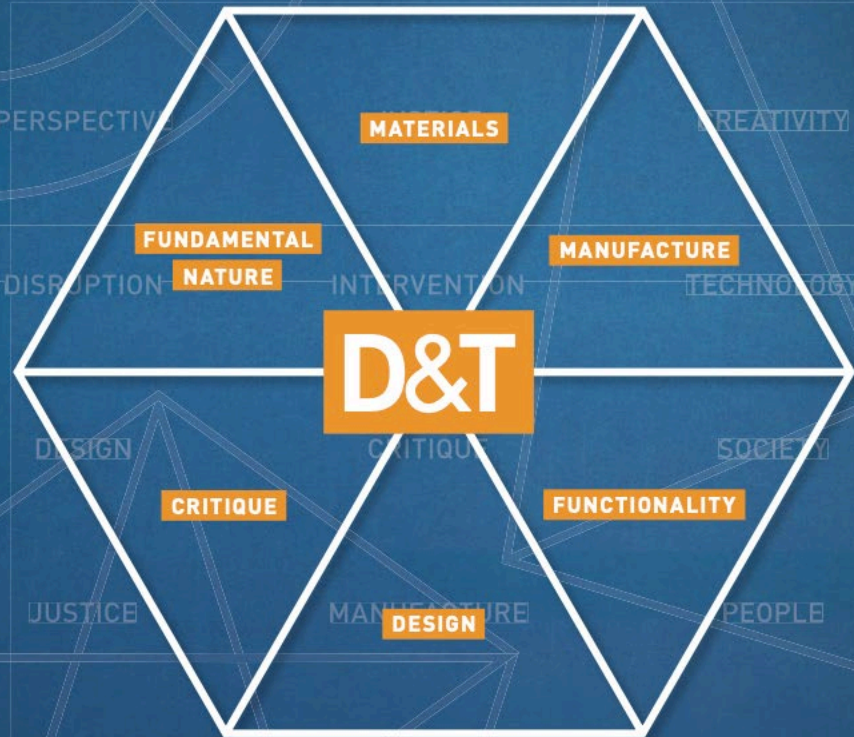
Assessing design & technology

Chapter 7

Supporting design & technology

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Devices for active engagement

Pauses for Thought

For individual reflection

To encourage discussion

Curriculum Considerations

Concerning Carl Mitcham's thinking about the philosophy of technology

Concerning the philosophy of design

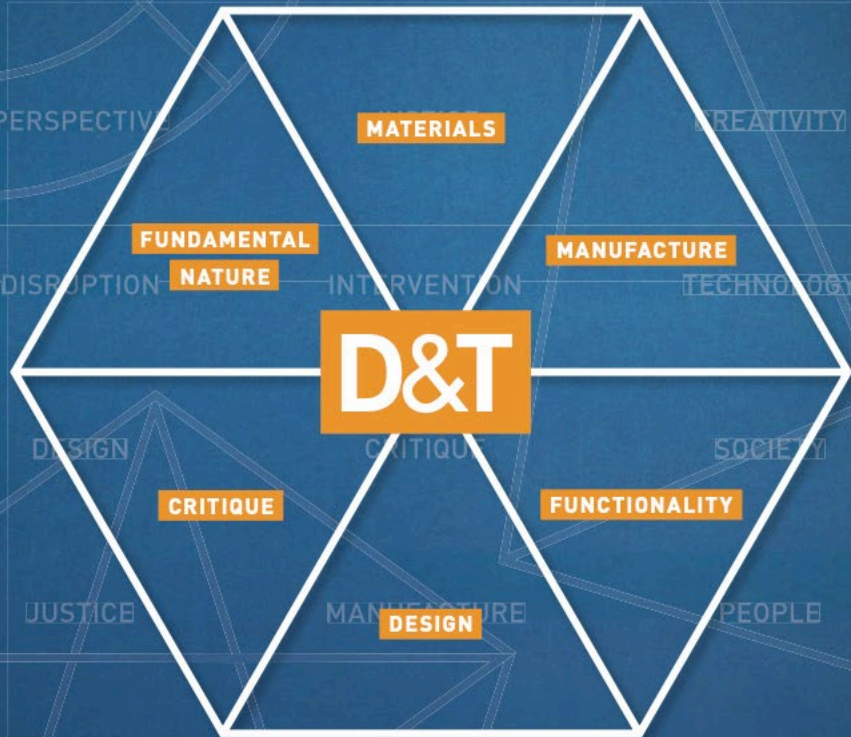
Concerning values

Concerning substantive and disciplinary knowledge

Concerning relationships with other subjects

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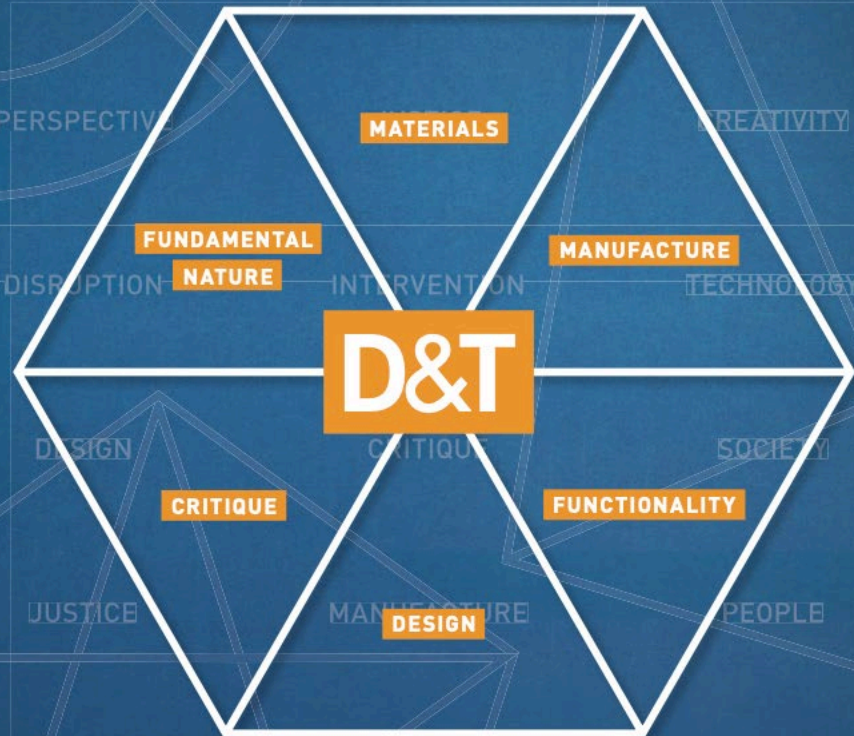


Critical Friends

Critical friend	Commented on
Nick Givens Senior Lecturer, College of Social Sciences and International Studies University of Exeter (retired) Associate at University of Exeter	Decolonising design & technology Global Warming
Jonas Hallström Professor of Technology Education, Technology and Science Education Research Linköping University	Philosophy of technology
Mary Myatt Education adviser, writer and speaker	Substantive and disciplinary knowledge
Mike Martin School of Education, Liverpool John Moores University	Values in design & technology
Kay Stables Professor of Design Education Goldsmiths, University of London	Philosophy of design

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Thought pieces

Alison Hardy

Associate Professor, writer, researcher, and podcaster at Nottingham Trent University

Andy Mitchell

Ex Deputy CEO The Design and Technology Association

Ulrika Sultan

Educator, and researcher at Örebro University

Dominic Nolan

Corporate Social Responsibility Leader, Kyndryl UK & Ireland

Philip Holton

Senior Strategy Manager for Pearson UK Schools

Paul Mburu

Head of Design & Technology Department, Harlington School

Matt McLain

School of Education, Liverpool John Moores University

James Pitt

Honorary Professor of Education at the Amur State University of Humanities and Pedagogy, Russia

Ed Charlwood

Expert teacher of engineering and design & technology and educational consultant regarding curriculum and pedagogy

Malcolm Welch

Professor Emeritus at Queen's University, Kingston, Ontario

Richard Kimbell

Emeritus Professor, Goldsmiths University of London

Louise Attwood

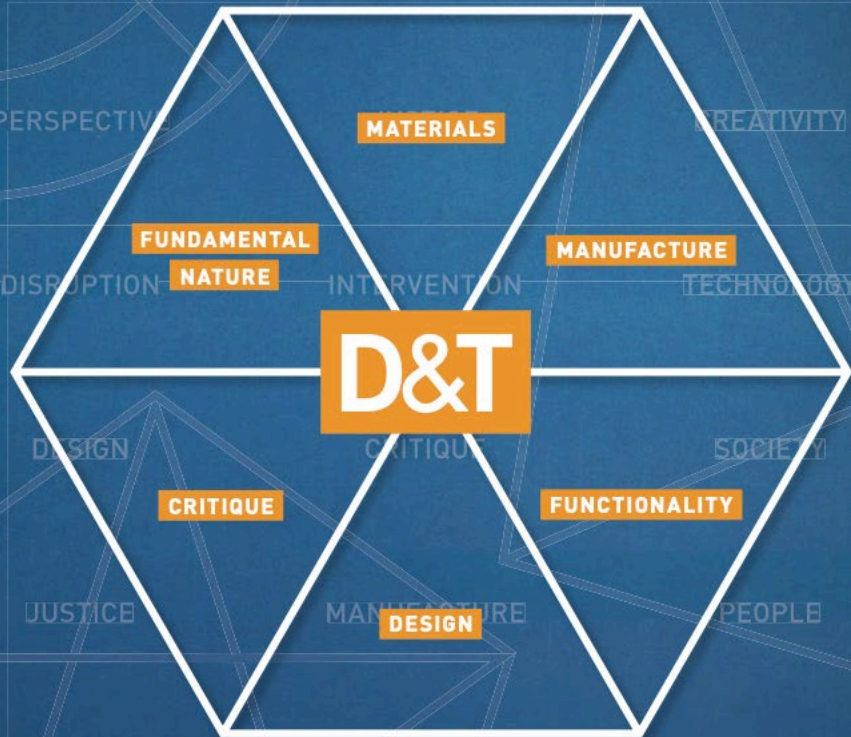
Head of Curriculum – Design & Technology for the Awarding Organisation AQA

Dawne Irving Bell

Professor of Learning and Teaching at BPP University

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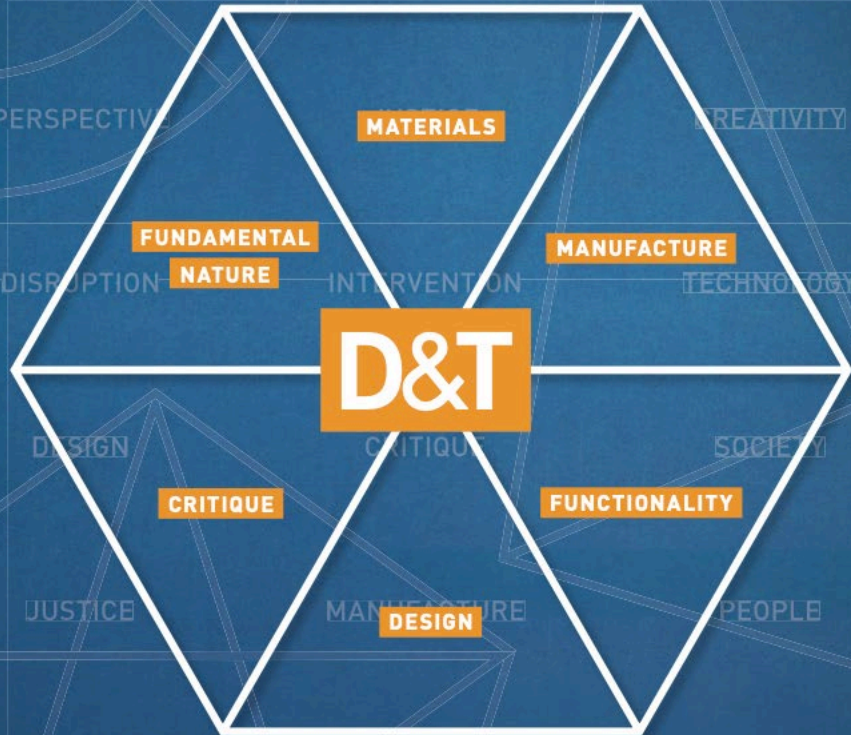


Contentious Issues

- Decolonising design & technology
- Gender in design & technology
- Disruption
- Global warming
- Pollution and waste

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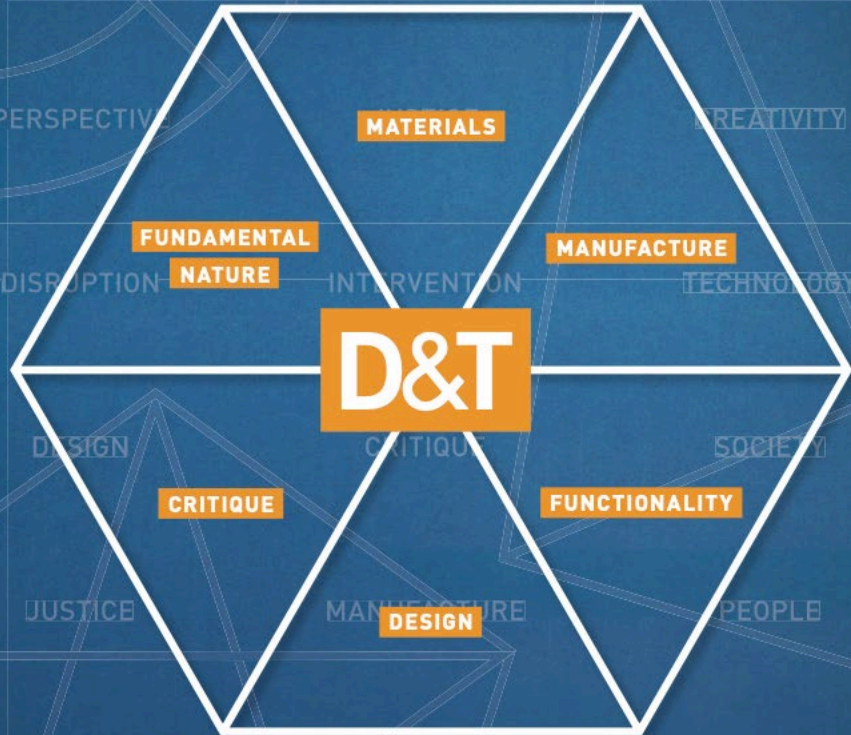


Concluding remarks

- A rapidly changing technological world – the inclusion of Stop Press
- In the last chance saloon again?
 - Reinstatement through modification – the D&TA approach
 - Replacement by an alternative – the Pearson approach
- Of worth in the immediate future

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Thanks for your attention

Questions
and
comments