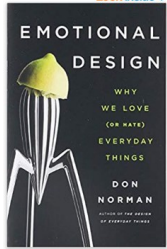
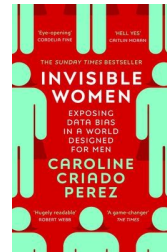


BOOKS



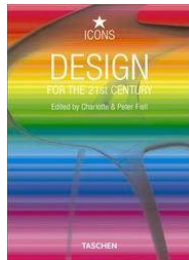
Emotional Design, by Don Norman

Did you ever wonder why cheap wine tastes better in fancy glasses? Why sales of Macintosh computers soared when Apple introduced the colorful iMac? New research on emotion and cognition has shown that attractive things really do work better, as Donald Norman amply demonstrates in this fascinating book



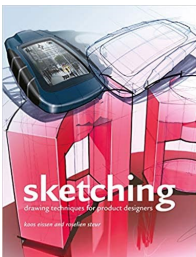
Invisible Women, by Caroline Criado Perez

Imagine a world where your phone is too big for your hand, where your doctor prescribes a drug that is wrong for your body, where in a car accident you are 47% more likely to be seriously injured. If any of this sounds familiar, chances are that you're a woman.



Design for the 21st Century (Icons Series) - Charlotte Fiell and Peter Fiell

A sneak preview of 21st century aesthetics via the vision of today's most innovative designers



Sketching: Drawing Techniques for Product Designers by Roselien Steur and Koos Eissen

Drawing has proved to be, next to verbal explanation, a powerful tool for communicating not only with fellow designers, engineers or model makers but also with clients, contractors and public offices. This book can be regarded as a standard book on design sketching.



AQA AS and A-level Design and Technology: Product Design;

Encourage your students to be creative, innovative and critical designers with a textbook that builds in-depth knowledge and understanding of the materials, components and processes associated with the creation of products.

WEBSITES, PODCASTS & FEEDS:

- <https://www.dezeen.com/>
- <https://www.wallpaper.com/>
- <https://designmuseum.org/>
- <https://www.dwell.com/>
- <https://www.technologystudent.co.uk/>
- Instagram; Yankodesign, dezeen, designmilk, designer
- Pinterest: create own feeds
- Podcast: Face to Face by Dezeen <https://www.dezeen.com/podcasts/>
- Podcast: Material Matters with Grant Gibson

SOFTWARE:

Fusion 360

Free for students, Fusion 360 is an excellent 3D modelling software to master.

<https://www.autodesk.co.uk/products/fusion-360/overview>

Learn how to use Fusion 360 in 90 minutes:

<https://academy.autodesk.com/course/129267/introduction-cad-learn-fusion-360-90-minutes>

Autodesk Sketchbook

Enhance your drawing and design idea communication with Autodesk Sketchbook. Great if you have a tablet.

<https://sketchbook.com/>

INSPIRATION:

“Design is intelligence made visible”

Alina Wheeler, author



Ilkley Grammar School
A Moorlands Learning Trust Academy

Design and Technology: Product Design

POST-16
SUBJECT ENHANCEMENT



TED TALKS



Legends of the design world

Some of history's greatest designers share intriguing perspectives and vignettes from their prolific journeys.

https://www.ted.com/playlists/127/design_giants



Designing for disability

Good design — and smart technology — should fuel inclusivity. These talks show how tech and design can empower.

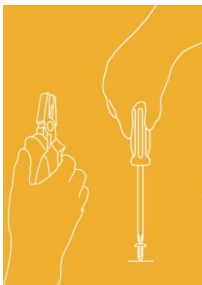
https://www.ted.com/playlists/372/designing_for_disability



Sustainability by design

Humans are builders and creators—but how can we build thoughtfully, without waste? These talks explore sustainable design—both past and present—and its beautiful, inspiring results.

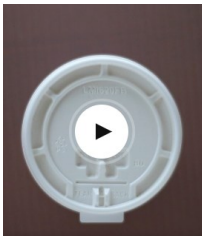
https://www.ted.com/playlists/28/sustainability_by_design



Craftsmanship

What feels so good about getting your hands dirty and making something? The following talks speak to the art of craft.

<https://www.ted.com/playlists/146/craftsmanship>

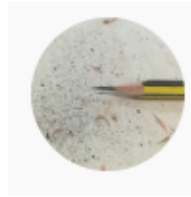


The evolution of the coffee cup lid

Author A.J. Jacobs shows how the coffee cup lid was perfectly designed to give you a full sensory experience while drinking.

https://www.ted.com/talks/a_j_jacobs_the_evolution_of_the_coffee_cup_lid/up-next

YOUTUBE/TV



Product designer maker

<https://www.youtube.com/user/camtopher/videos>

Product designer maker has a huge range of video tutorials to boost product designing skills.



Product Crunch

<https://www.youtube.com/channel/UCsW2zs7QjF2vq9iljcFEzVA/videos>

Product Crunch is a learning platform for all those interested in product design. Project managers, designers, engineers, founders and more are invited to inspiring talks by people building great products; in Berlin and all over the world.

Design Museum

<https://www.youtube.com/user/designmuseum>

A huge range of inspirational videos about designs, designers, competitions and ideas.



How to make BBC FOUR (watch on iPlayer)

Designer, maker and materials engineer Zoe Laughlin dismantles and dissects three classic items to understand the wonders of form, function and material that go into making them, before building her own truly bespoke versions, step by step.



Autodesk Design Academy

<https://www.youtube.com/channel/UckExKzWS6u80g4npbU0VX3g/featured>

From tutorials on Fusion 360 to how to come up with concepts, this channel is full of tips and tricks.

SCHOOL INFORMATION

Exam Board: AQA
Design and Technology: Product Design

Subject Leader: Mr J Kerry

Minimum grade required: GCSE grade 5

MAGAZINES & PERIODICALS:

You may wish to consider subscribing to:



DIGNER

<http://www.designer.com>
(online magazine)

DIGNER is the leading online portal for designers, architects, illustrators, engineers, artists, and creatives of all kinds. Founded in 2001 in New York, DIGNER publishes the latest design news, events, competitions, books, and resources.



<http://www.designweek.co.uk/>
(online magazine)

A website, social media feed and inbox filler covering all design disciplines across education and world wide industry.



<http://www.core77.com/>
(online magazine)

Since 1995 Core77.com has served a devoted global audience of industrial designers ranging from students through seasoned professionals.