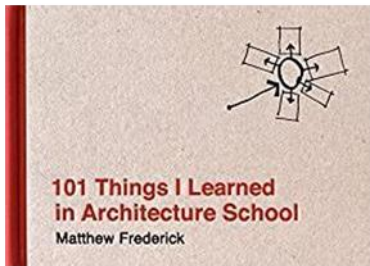# Design & Technology

Reading

101 Things I Learned in Architecture School
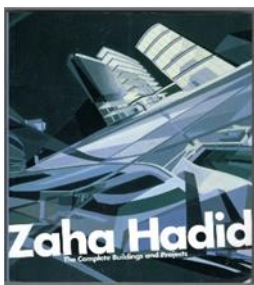by Matthew Frederick

Concise lessons in design, drawing, the creative process, and presentation, from the basics of "How to Draw a Line" to the complexities of colour theory. This is a book that students of architecture will want to keep in the studio and in their backpacks.

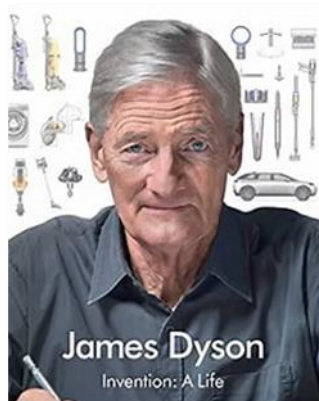### The Complete Buildings and Projects
by Zaha Hadid

With her most recent commission, Cincinnati's Contemporary Arts Centre, architect Zaha Hadid becomes the first woman ever to design an American museum.
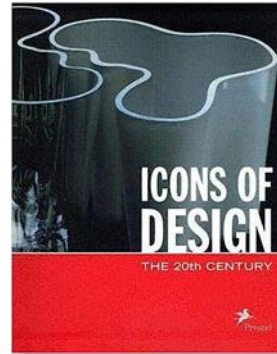
Invention: A Life
by James Dyson

Dyson has become a byword for high-performing products, technology, design, and invention. Now, James Dyson, the inventor and entrepreneur who made it all happen, tells his remarkable and inspirational story.

Design 20th Century Icons
by Volker Albus, Reyer Kras & Jonathan M Woodham

The stunning objects in this fully illustrated volume include furniture and household appliances, cars and toys as well as many other design items which transcended their everyday utility to achieve iconic status during the twentieth century.

Architecture 101: From Frank Gehry to Ziggurats, an Essential Guide to Building Styles and Materials
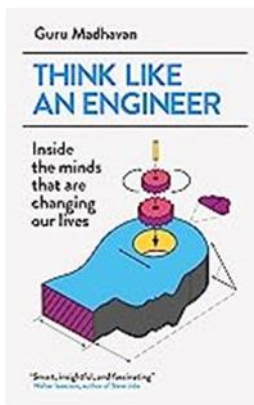by Nicole Bridge

A crash course in designing and constructing buildings. Too often, textbooks turn the noteworthy details of architecture into tedious discourse that would put even Frank Gehry to sleep.
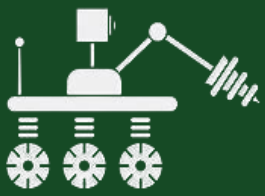
Think Like an Engineer: Inside The Minds That Are Changing Our Lives
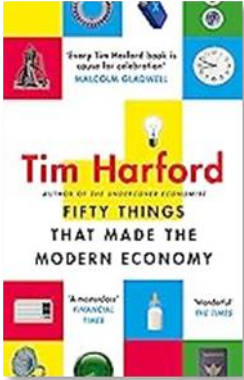by Guru Madhavan

Dubai's Burj Khalifa – the world's tallest building – looks nothing like Microsoft's Office Suite, and digital surround sound doesn't work like a citywide telecommunication grid. Yet these engineering feats have much in common: they are the result of a unique thinking process combining abstract and structured thinking, common sense and great imagination. They are born of the engineering mindset.
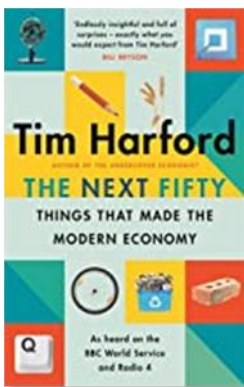
Design & Technology

Fifty Things that Made the Modern Economy
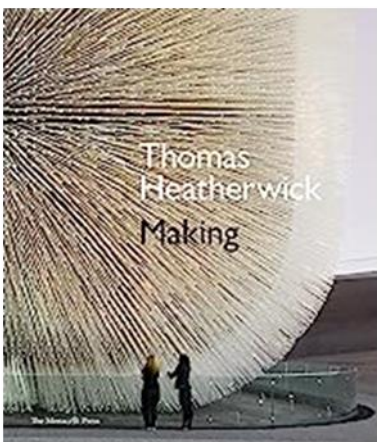by Tim Harford

This book tells the fascinating stories of inventions, ideas and innovations which have helped create the economic world.

The Next Fifty Things that Made the Modern Economy
by Tim Harford

Harford brings us an array of remarkable, memorable, curious and often unexpected 'things' - inventions that teach us lessons by turns intimate and sweeping about the complex world economy we live in today.

Thomas Heatherwick: Making
by Thomas Heatherwick

This is the definitive publication on one of the world's most exceptional designers. Including more than 140 projects and hundreds of photographs, illustrations and sketches, this book will excite, inspire and serve as an invaluable resource for creative solutions and the joy of making for many years to come.