

DESIGN TECHNOLOGY

Key Stage 5



the
DESIGN
MUSEUM

What is "Good" Design? A
quick look at Dieter Rams'
Ten Principles.

What does "good" design look like and are there any instructions on how to create it? Dieter Rams, legendary industrial designer, who's "less but better" approach inspired a generation of products, is famed for writing the Ten Principles of Good design.

At A Level you will look at the concept of 'Good Design'

You will consider and discuss Dieter Rams' Ten Principles of 'Good Design'

<https://designmuseum.org/discover-design/all-stories/what-is-good-design-a-quick-look-at-dieter-rams-ten-principles>

DESIGN TECHNOLOGY

Key Stage 3



Sustainable production and design

According to Greenpeace, **human consumption of natural resources has doubled over the last 30 years**, prompting the United Nations (UN) to advocate for a **new production model that makes optimal use of resources and energy**, develops sustainable infrastructure, improves access to basic services, and creates high-quality green job opportunities.

The **environmental benefits of sustainable production** affect both industry and society. The United Nations advocates this system as a means to **improve millions of people's quality of life, mitigate poverty, boost competitiveness, and lower economic, environmental and social costs.**



In Year 7 you learn about Eco Design and the role and responsibility of a designer.

Read about features and examples of Eco Friendly design.

Features and examples of eco-design

The eco-design approach has an impact on many product characteristics, which include:



Fewer materials

Manufacturing using **fewer materials and less energy**. This protects resources and reduces emissions.



Easy to recycle

Ensuring easy **disassembly** means using materials that are easily identified, reused or recycled.



Use of bio-materials

Using a single type of material or a **biodegradable** material is best, whether natural or a derivative.

<https://designmuseum.org/discover-design/all-stories/memphis-group-awful-or-awesome>

DESIGN TECHNOLOGY

Key Stage 3



In Year 8 you learn about The Memphis Design Movement. You will use their work to inspire the design of your 'Retro Docks'

Read about the Memphis group:
Awful or Awesome?

<https://designmuseum.org/discover-design/all-stories/memphis-group-awful-or-awesome>

ART CRAFT AND DESIGN



Key Stage 3

HOME NETWORK NEWS LIFESTYLE MOTORING KIDS HOMES THE CITIZEN

Motoring

After 32 years, Esther Mahlangu's iconic BMW will return to South Africa

A globally acclaimed artist, renowned for her bright and bold abstract paintings, brought Ndebele art to the world stage via a BMW.

7 hours ago CAR Magazine 2 minutes read



In Year 7 you learn about Esther Mahlangu and the painted houses of the Ndebele people. Read about how this tribe member came to paint a custom BMW!

<https://www.citizen.co.za/network-news/motoring/2023/11/21/after-32-years-esther-mahlangu-s-iconic-bmw-will-return-to-sa/>



ART CRAFT AND DESIGN



Key Stage 3



Inspired by the fragile beauty and precarious future of coral reefs, LA-based **Courtney Mattison** recreates rainforests of the sea as intricate ceramic sculptures.

In Year 8 you learn about underwater ecosystems and create your own ceramic coral reef.

<https://www.preventedoceanplastic.com/colossa-l-corals-an-intersection-of-science-and-art/>

ART CRAFT AND DESIGN



Key Stage 4



The main topic that you study during GCSE Art, Craft and Design is 'The Circus'. This article explains the term 'freak show' and why these forms of ridicule have been left in the past.

<https://www.dannydutch.com/post/the-dark-history-of-the-circus-freak-show>

ART CRAFT AND DESIGN



Key Stage 4

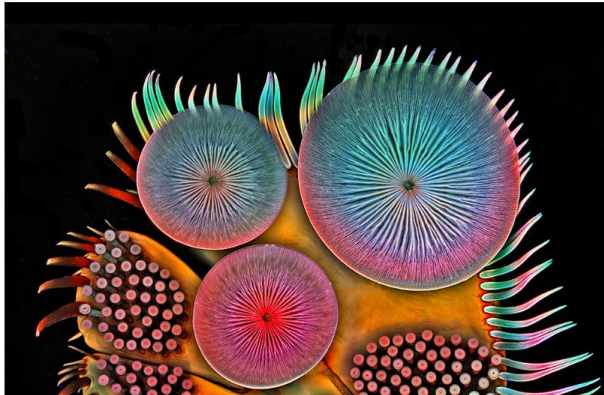
Photography Science

#IGORSIWANOWICZ #INSECTS #MACRO #NATURE

The Extraordinary Details of Tiny Creatures Captured with a Laser-Scanning Microscope by Igor Siwanowicz

OCTOBER 12, 2016

CHRISTOPHER JOBSON



During Year 9 of GCSE Art, Craft and Design you explore Natural forms. Read this article and see the amazing, usually unseen, details of natural creatures! Look at this beetle's leg!

<https://www.thisiscolossal.com/2016/10/insect-microscopy-igor-siwanowicz/>



PHOTOGRAPHY

Key Stage 4



Digital Camera World

This is an excellent magazine full of tips, tricks, hacks and advice.

Their website also contains some exciting resources and tutorials to follow to help improve your skills and build your knowledge!

<https://www.digitalcameraworld.com/>

Digital Camera World is the world's fastest-growing photography website, covering every aspect of image-making, from DSLR and mirrorless cameras to cinema cameras, instant cameras, camera phones, drones, webcams, image editing, video post-production and printing.

ART CRAFT AND DESIGN

Key Stage 5



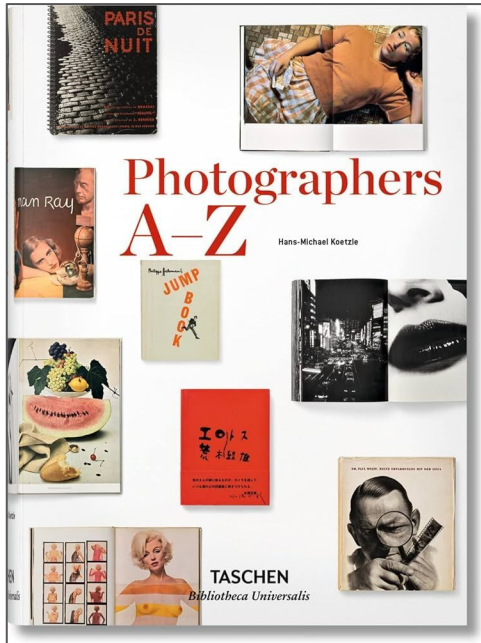
The screenshot shows the Colossal website interface. At the top, there is a navigation bar with the Colossal logo, links for Archive, About, Events, Contact, and Advertise, a MEMBERSHIP button, and a Sign In link. Below the navigation bar is a menu with categories: Art, Design, Craft, Photography, Interviews, and More. A search bar is also present. The main content area features a 'Portraits' section with a sub-header 'Posts tagged with Portraits'. A featured article is titled 'In a Documentary Short, Amy Sherald and Kehinde Wiley Wield 'Paint & Pitchfork' in the Studio', dated November 20, 2023, by Kate Mothes. Below the article title is a video player showing a scene from the documentary. To the right of the article, there is a promotional banner for 'Give the Gift of Colossal' and an 'Editor's Picks: Art' section with a link to 'MORE HIGHLIGHTS BELOW FOR THE FULL COLLECTION: CLICK HERE'.

Colossal is an excellent resource for articles relating to Art. There is a whole 'portraits' section. The articles are relevant to our identity project.

<https://www.thisiscolossal.com/tags/portraits/>

PHOTOGRAPHY

Key Stage 5



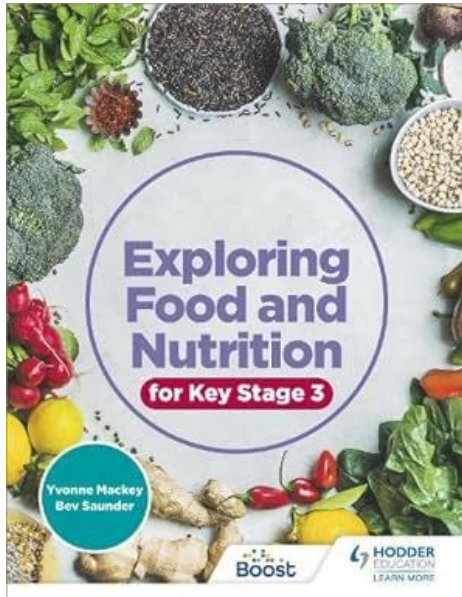
There are some incredible Photographers whose work and names have gone down in history! Arranged alphabetically, this biographical encyclopedia features every major photographer of the 20th century alongside her or his most significant monographs.

Photographers A–Z, by Hans-Michael Koetzle

From the earliest representatives of classical Modernism right up to the present day, Photographers A–Z celebrates those photographers who have distinguished themselves with important publications or exhibitions, and who have made a significant contribution to the culture of the photographic image. The entries include photographers from North America and Europe as well as from Japan, Latin America, Africa, and China.

Food & Nutrition

Key Stage 3



In Year 7 you learn about Healthy Eating and Nutrition.

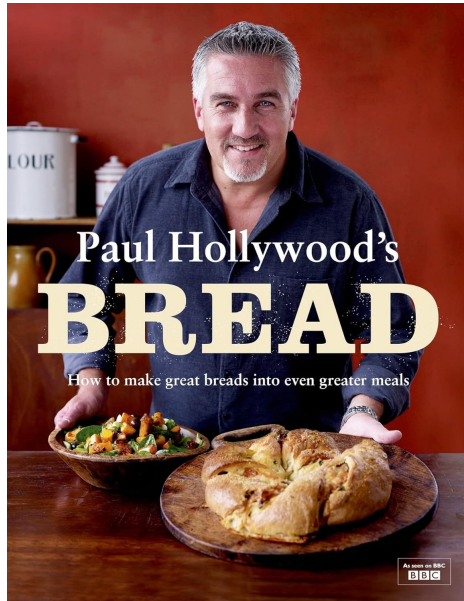
Read about features and examples of a Healthy diet.

<https://www.nhs.uk/live-well/eat-well/how-to-eat-a-balanced-diet/eight-tips-for-healthy-eating/>

https://www.amazon.co.uk/Exploring-Food-Nutrition-Key-Stage/dp/1510458220/ref=sr_1_1?crid=2WRVAIIZM1UI7&keywords=nutrition+books+ks3&qid=1701076253&s=books&prefix=nutrition+books+ks3%2Cstripbooks%2C202&sr=1-1

Food & Nutrition

Key Stage 3



In Year 8 you learn how to make bread and the science behind making.

Read all about Bread from the King of Bread making - Paul Hollywood.

<https://www.amazon.co.uk/Paul-Hollywoods-Bread-Hollywood/dp/1408840693>

Food & Nutrition

Key Stage 4

Chris van Tulleken



Ultra-
Processed
People

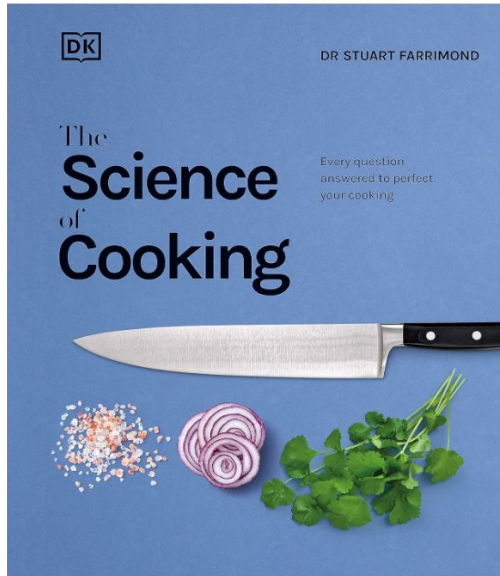


One area of study in GCSE Food Preparation and Nutrition is Food Science. This book explains all about Ultra Processed foods and their impact on health.

https://www.amazon.co.uk/Ultra-Processed-People-Stuff-That-Isnt/dp/B0BL1VYBXK/ref=sr_1_1?crid=K P5FACE8V9PN&keywords=ultra+processed+people &qid=1701076660&s=books&sprefix=ultra+processed+people%2Cstripbooks%2C85&sr=1-1

Food & Nutrition

Key Stage 4



An area of study in GCSE Food Preparation and Nutrition is Food Nutrition. This book explains The Science of Cooking: Every Question Answered to Perfect your Cooking.

<https://www.amazon.co.uk/Science-Cooking-Question-Answered-Perfect/dp/0241229782>