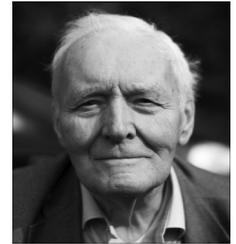


## Enrichment Bulletin

Nov 2014

The purpose of this newsletter is to provide you with enrichment; the bulletin includes further reading and thought-provoking material. Explore and enjoy!



Who am I and what did I do?



What exactly do these symbols represent?

### Special points of interest:

- 'Success is not final, failure is not fatal: it is the courage to continue that counts.' Churchill
- 'People who think they know everything are a great annoyance to those of us who do.'

Isaac Asimov

#### Interesting dates

Oct 9th 1974—Oscar Schindler died. Who was he and what did he do?

15 April 1912—The Titanic sank. Interesting fact? The Titanic burned around 600 tonnes of coal a day—hand-shovelled into the furnace by a team of 176 men. Almost 100 tonnes of ash were ejected into the sea each day

### General interest



We live in a world of unseeable beauty, so subtle and delicate that it is imperceptible to the human eye. To bring this invisible world to light, filmmaker Louie Schwartzberg bends the boundaries of time and space with high-speed cameras, time lapses and microscopes. At

TED2014, he shares highlights from his latest project, a 3D film titled "Mysteries of the Unseen World," which slows down, speeds up, and magnifies the astonishing wonders of nature. [https://www.ted.com/talks/louie\\_schwartzberg\\_hidden\\_miracles\\_of\\_the\\_natural\\_world](https://www.ted.com/talks/louie_schwartzberg_hidden_miracles_of_the_natural_world)



Yrs 8, 9 10 — Ever thought of becoming a doctor? Life lab summer school for prospective medics, 24-25th July, Southampton. Please see Mr Price for more information.

### Subject sources/recommended reading

#### Business/Economics:

The Facebook Effect – David Kirkpatrick  
The Social Network – Film (rated 12)  
The Economic Naturalist  
Robert Frank Rich Dad Poor Dad – Robert Kiyosaki

#### Technology websites

<http://www.100percentdesign.co.uk/>  
<http://www.instituteofmaking.org.uk/materials-library>  
<http://designmuseum.org/>  
<http://www.designcouncil.org.uk/>  
<http://www.londonesignfestival.com/>  
<http://www.vam.ac.uk/>  
<http://www.craftscou>

[ncil.org.uk/craftsmagazine/](http://ncil.org.uk/craftsmagazine/)

#### RS

The Lion, The Witch and the Wardrobe (and any of the 7 Chronicles of Narnia)

The Diary of Anne Frank – Year 9, Spring Term

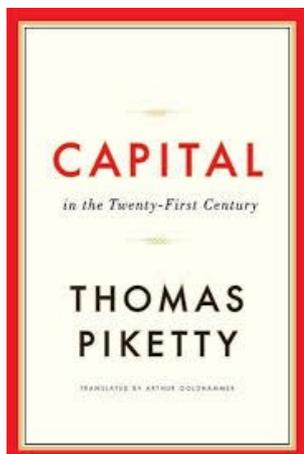
Sophie's World—Jostein Gaarder

#### Key dates

Yr 7—Thurs 13th	2
Nov—Anti-bullying training	
Yr 8 -18th-19th	2
Nov—Drugs education days	
All—20th Nov—Careers Convention	2
Yr 13—U6 Bank of England competition	3
All—26th Nov—6th Form Open Evening	4
All—2nd Dec—Winter Arts Festival	
Yr 7—Thurs 4th/11th Dec—Parents' Evening	

## Enrichment Bulletin

### Economics—KS4—Fancy a challenge? A book that is making news.



What are the grand dynamics that drive the accumulation and distribution of capital? Questions about the long-term evolution of inequality, the concentration of wealth, and the prospects for economic growth lie at the heart of political economy. But satisfactory answers have been hard to find for lack of ade-

quate data and clear guiding theories. In *Capital in the Twenty-First Century*, "Thomas Piketty analyzes a unique collection of data from twenty countries, ranging as far back as the eighteenth century, to uncover key economic and social patterns. His findings will transform debate and set the agenda for

the next generation of thought about wealth and inequality. Piketty shows that modern economic growth and the spreading of knowledge have allowed us to avoid inequalities on the apocalyptic scale predicted by Karl Marx. A work of extraordinary ambition, originality, and rigour.

### Current Affairs—Channel 4 News KS3 & KS4



Watch this award-winning news programme to find out all about the major events and issues that are prominent in the world today. It is on every night at 7.00pm, but you can also catch up on-line with their fantastic journalism.

A key point of interest is the current story on: 'How safe are our schools?' after the brutal murder of teacher Anne Maguire in Leeds.

<http://www.channel4.com/news/how-safe-are-our-schools>

What is your view on how safe schools are? Have you noticed a change in behaviour at schools? Are metal detectors (to stop knives being brought in) a good idea? Why?

### Tony Benn (3 April 1925 – 14 March 2014) —KS3 & KS4



**Anthony Wedgwood Benn was born in Westminster, in 1925, into a wealthy English family, and followed his father, William Wedgwood Benn MP, into politics.**

With his father's death in 1960, Benn was forced to leave the Commons but, thanks to the Peerage Act of

1963, he returned as Commons MP for Bristol South East. An outspoken advocate of open government and an enemy of violent intervention, he has remained a champion of socialism. An open critic of Tony Blair's 'New Labour' victory in 1997, Benn never regained cabinet office. In 2001, Benn stood down from his Chesham seat to

devote more time to politics". That same year he was asked to join the Stop the War Coalition as its President. After accepting the offer, Benn became a high-profile opponent of the War on Iraq. He later criticised the government about the Iraq War.

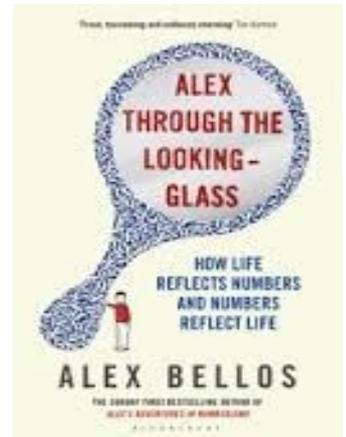
## Enrichment Bulletin

### Alex Through the Looking-Glass: How Life Reflects Numbers

From triangles, rotations and power laws, to fractals, cones and curves, bestselling author Alex Bellos takes you on a journey of mathematical discovery with his signature wit, engaging stories and limitless enthusiasm. As he narrates a series of eye-opening encounters with lively personalities all over the world, Alex demonstrates how numbers have come to be our friends, are fascinating and extremely accessible, and how they have

changed our world. He turns even the dreaded calculus into an easy-to-grasp mathematical exposition, and sifts through over 30,000 survey submissions to reveal the world's favourite number. In Germany, he meets the engineer who designed the first roller-coaster loop, whilst in India he joins the world's highly numerate community at the International Congress of Mathematicians. He explores the wonders behind

the Game of Life program, and explains mathematical logic, growth and negative numbers. Stateside, he hangs out with a private detective in Oregon and meets the mathematician who looks for universes from his garage in Illinois. Read this captivating book, and you won't realise that you're learning about complex concepts. Alex will get you hooked on maths as he delves deep into human-kind's turbulent relationship



### Challenging further reading

The Tiger that Isn't – Dilnot and Blastland (statistics)

Bad Science – Ben Goldacre (difference between real science and bogus science)

A Little History of Philosophy – Nigel Warburton (philosophy)

**All three books can be found on Amazon.co.uk**



### Challenging further reading

#### Fiction

Catch-22 – Joseph Heller

Boule de Suif – Guy De Maupassant (in English or in French)

Science fiction – Dune – Frank Herbert

Animal Farm – G Orwell

#### Psychology

Thinking, Fast and Slow- Daniel Kahneman

#### Magazines

National Geographic

New Scientist

The Economist

#### Philosophy

A little history of philosophy –Nigel Warburton

What money can't buy – Michael Sandel

Justice - Michael Sandel



## Enrichment Bulletin

### Culture

#### Music

##### Alex Ross 'Listen to this'

In Listen To This Ross, the music critic for the New Yorker, looks both backwards and forwards in time, capturing essential figures and ideas in classical music history, as well as giving an alternative view of recent pop music that emphasizes the power of the individual musical voice.

Classical music events

<http://www.classicfm.com/concerts-events/>

Lunchtime Concerts in Chelmsford

<http://www.chelmsford.gov.uk/lunchtimeconcerts>

Brentwood Concerts

<http://www.brentwood-sic.org.uk/events/>

BBC's Classical Music

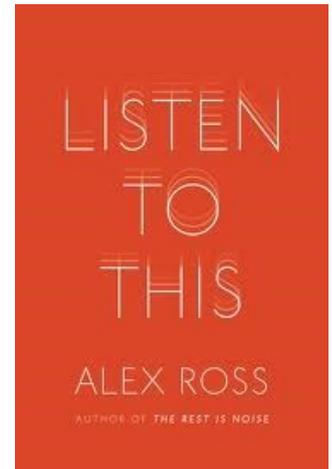
<http://www.classical->



[mu-](http://www.bbc.com/mu-)

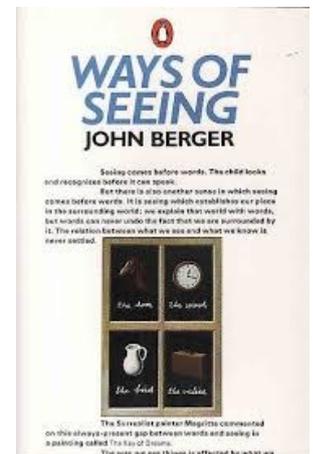
[website](http://www.bbc.com/mu-)

[music.com/](http://www.bbc.com/mu-)



#### Art

John Berger—'Ways of seeing'



### With the price of football rising in Britain, where can you find good value?



#### The cost of football.

The cost of football keeps going up. Ticket prices in England have risen by 13% in the last three years. Pies at Kidderminster Harriers now cost £4.50 and a cup of tea will set you back £2.50 at Anfield, Old Trafford and St Mary's. If you want to attend a football match in

the UK, you will probably have to pay a substantial amount of money for the pleasure.

But there must be some bargains to be found amid the sky-high prices. Chelsea are not famed for their good value, but their pies are as

cheap as any in the Premier League at £2.50. Braintree Town, who play alongside Kidderminster in the Conference Premier, sell their pies for just £1. And, at only £299, the cheapest season tickets at Manchester City cost £20 less than the £319 charged