

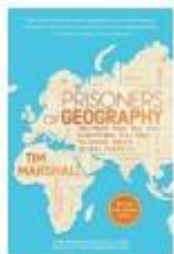


DRAYTON MANOR HIGH SCHOOL

## Geography

### Recommended Reading List

#### Key Stage 4

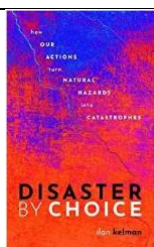


#### **Prisoners of Geography**

All leaders are constrained by geography. Their choices are limited by mountains, rivers, seas, and concrete. Yes, to follow world events you need to understand people, ideas and movements - but if you don't know geography, you'll never have the full picture.

If you've ever wondered why Putin is so obsessed with Crimea, why the USA was destined to become a global superpower, or why China's power base continues to expand ever outwards, the answers are all here.

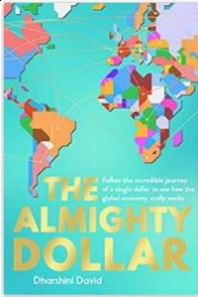
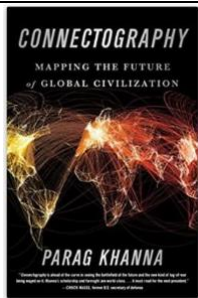
In ten chapters (covering Russia; China; the USA; Latin America; the Middle East; Africa; India and Pakistan; Europe; Japan and Korea; and the Arctic), using maps, essays and occasionally the personal experiences of the widely travelled author, *Prisoners of Geography* looks at the past, present and future to offer an essential insight into one of the major factors that determines world history.

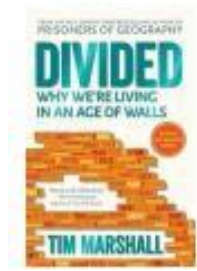


#### **Disaster by Choice**

An earthquake shatters Haiti and a hurricane slices through Texas. We hear that nature runs rampant, seeking to destroy us through these 'natural disasters'. Science recounts a different story, however: disasters are not the consequence of natural causes; they are the consequence of human choices and decisions. we put ourselves in harm's way; we fail to take measures which we know would prevent disasters, no matter what the environment does.

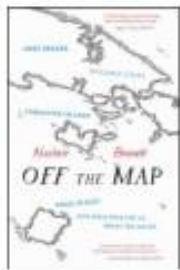
This can be both hard to accept, and hard to unravel. A complex of factors shapes disasters. They arise from the political processes dictating where and what we build, and from social circumstances which create and perpetuate poverty and discrimination. They develop from the social preference to blame nature for the damage wrought, when in fact events such as earthquakes and storms are entirely commonplace environmental processes. We feel the need to fight natural forces, to reclaim what we assume is ours, and to protect ourselves from what we perceive to be wrath from outside our communities. This attitude distracts us from the real causes of disasters: humanity's decisions, as societies and as individuals. It stops us accepting the real solutions to disasters: making better decisions. This book explores stories of some of our worst disasters to show how we can and should act to stop people dying when nature unleashes its energies. The disaster is not the tornado, the volcanic eruption, or climate change, but the deaths and injuries, the loss of irreplaceable property, and the lack and even denial of support to affected people, so that a short-term interruption becomes a long-term recovery nightmare. But we can combat this, as Kelman shows, describing inspiring examples of effective human

	<p>action that limits damage, such as managing flooding in Toronto and villages in Bangladesh, or wildfire in Colorado.</p>
	<p><b>The Almighty Dollar</b></p> <p>Have you ever wondered why we can afford to buy far more clothes than our grandparents ever could . . . but may be less likely to own a home in which to keep them all? Why your petrol bill can double in a matter of months, but it never falls as fast?</p> <p>Behind all of this lies economics.</p> <p>It's not always easy to grasp the complex forces that are shaping our lives. But by following a dollar on its journey around the globe, we can start to piece it all together.</p>
	<p><b>Connectography</b></p> <p>In <i>Connectography</i>, visionary strategist Parag Khanna travels from Ukraine to Iran, Mongolia to North Korea, Pakistan to Nigeria, and across the Arctic Circle and the South China Sea to explain the rapid and unprecedented changes affecting every part of the planet. He shows how militaries are deployed to protect supply chains as much as borders, and how nations are less at war over territory than engaged in tugs-of-war over pipelines, railways, shipping lanes, and Internet cables. The new arms race is to connect to the most markets--a race China is now winning, having launched a wave of infrastructure investments to unite Eurasia around its new Silk Roads. The United States can only regain ground by fusing with its neighbours into a super-continental North American Union of shared resources and prosperity.</p>



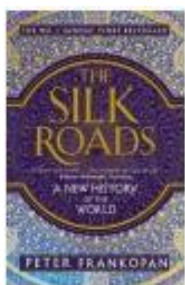
### **Divided**

Walls are going up. Nationalism and identity politics are on the rise once more. Thousands of miles of fences and barriers have been erected in the past ten years, and they are redefining our political landscape. There are many reasons why we erect walls, because we are divided in many ways: wealth, race, religion, politics. In Europe the ruptures of the past decade threaten not only European unity, but in some countries liberal democracy itself. In China, the Party's need to contain the divisions wrought by capitalism will define the nation's future. In the USA the rationale for the Mexican border wall taps into the fear that the USA will no longer be a white majority country in the course of this century.; Understanding what has divided us, past and present, is essential to understanding much of what's going on in the world today. Covering China; the USA; Israel and Palestine; the Middle East; the Indian Subcontinent; Africa; Europe and the UK, bestselling author Tim Marshall presents a gripping and unflinching analysis of the fault lines that will shape our world for years to come.



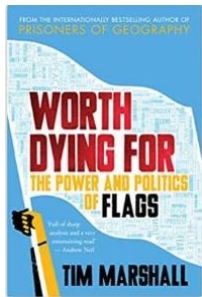
### **Off the Map**

In a world of Google Earth, in which it is easy to believe that every discovery has been made and every adventure already had, Off the Map is a stunning testament to how mysterious our planet still is. From forgotten enclaves to floating islands, from hidden villages to New York gutter spaces, Off the Map charts the hidden corners of our planet. And while these are not necessarily places you would choose to visit on holiday - Hobyo, the pirate capital of Somalia, or Zheleznogorsk, a secret military town in Russia - they each carry a story about the strangeness of place and our need for a geography that understands our hunger for the fantastic and the unexpected. But it also shows us that topophilia, the love of place, is a fundamental part of what it is to be human. Whether you are an urban explorer or an armchair traveller, Off the Map will inspire and enchant. You'll never look at a map in quite the same way again.



### **The Silk Roads**

For centuries, fame and fortune were to be found in the west – in the New World of the Americas. Today, it is the east which calls out to those in search of riches and adventure. Sweeping right across Central Asia and deep into China and India, a region that once took centre stage is again rising to dominate global politics, commerce, and culture. A major reassessment of world history, *The Silk Roads* is a dazzling exploration of the forces that have driven the rise and fall of empires, determined the flow of ideas and goods and are now heralding a new dawn in international affairs.

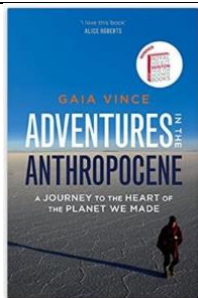


### **Worth Dying For**

For thousands of years flags have represented our hopes and dreams. We wave them. Burn them. March under their colours. And still, in the 21st century, we die for them. Flags fly at the UN, on the Arab street, from front porches in Texas. They represent the politics of high power as well as the politics of the mob.

From the renewed sense of nationalism in China, to troubled identities in Europe and the USA, to the terrifying rise of Islamic State, the world is a confusing place right now and we need to understand the symbols, old and new, that people are rallying round.

In nine chapters (covering the USA, UK, Europe, Middle East, Asia, Africa, Latin America, international flags and flags of terror), Tim Marshall draws on more than twenty-five years of global reporting experience to reveal the histories, the power and the politics of the symbols that unite us – and divide us.

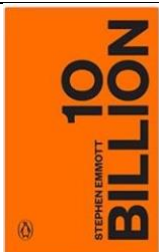


### **Adventures in the Anthropocene**

We live in epoch-making times. Literally. The changes we humans have made in recent decades have altered our world beyond anything it has experienced in its 4.5 billion-year history -- we have become a force on a par with earthshattering asteroids and planet-cloaking volcanoes.

As a result, our planet is said to be crossing a geological boundary -- from the Holocene into the Anthropocene, or Age of Man.

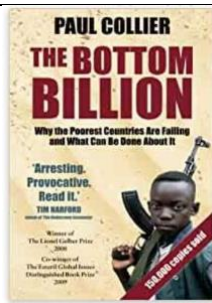
Gaia Vince decided to quit her job at science journal *Nature*, and travel the world at the start of this new age to explore what all these changes really mean -- especially for the people living on the frontline of the planet we've made.



### **10 Billion**

It's a book about you, your children, your parents, your friends. It's about every one of us. It's about our failure: failure as individuals, the failure of business, and the failure of our politicians.

It is about an unprecedented planetary emergency.



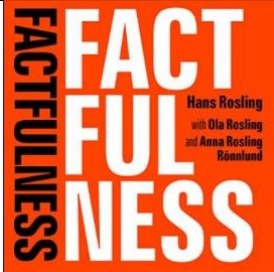
### The Bottom Billion

In this elegant and impassioned synthesis from one of the world's leading experts on Africa and poverty, economist Paul Collier writes persuasively that although nearly five billion of the world's people are beginning to climb from desperate poverty and to benefit from globalization's reach to developing countries, there is a "bottom billion" of the world's poor whose countries, largely immune to the forces of global economy, are falling farther behind and are in danger of falling apart, separating permanently and tragically from the rest of the world. Collier identifies and explains the four traps that prevent the homelands of the world's billion poorest people from growing and receiving the benefits of globalization - civil war, the discovery and export of natural resources in otherwise unstable economies, being landlocked and therefore unable to participate in the global economy without great cost, and finally, ineffective governance. As he demonstrates that these billion people are quite likely in danger of being irretrievably left behind, Collier argues that we cannot take a "headless heart" approach to these seemingly intractable problems; rather, that we must harness our despair and our moral outrage at these inequities to a reasoned and thorough understanding of the complex and interconnected problems that the world's poorest people face.



### Population 10 Billion

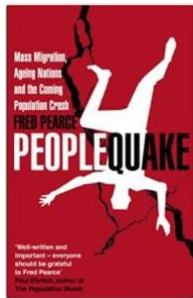
Before May 2011 the top demographics experts of the United Nations had suggested that world population would peak at 9.1 billion in 2100, and then fall to 8.5 billion people by 2150. In contrast, the 2011 revision suggested that 9.1 billion would be achieved much earlier, maybe by 2050 or before, and by 2100 there would be 10.1 billion of us. What's more, they implied that global human population might still be slightly rising in our total numbers a century from now. So, what shall we do? Are there too many people on the planet? Is this the end of life as we know it? Distinguished geographer Professor Danny Dorling thinks we should not worry so much and that, whatever impending doom may be around the corner, we will deal with it when it comes. In a series of fascinating chapters, he charts the rise of the human race from its origins to its endpoint of population 10 billion. Thus, he shows that while it took until about 1988 to reach 5 billion, we reached 6 billion by 2000, 7 billion eleven years later and will reach 8 billion by 2025. By recording how we got here, Dorling can show us the key issues that we face in the coming decades: how we will deal with scarcity of resources; how our cities will grow and become more female; why the change that we should really prepare for is the population decline that will occur after 10 billion.



### Factfulness

When asked simple questions about global trends—what percentage of the world’s population live in poverty; why the world’s population is increasing; how many girls finish school—we systematically get the answers wrong. So wrong that a chimpanzee choosing answers at random will consistently outguess teachers, journalists, Nobel laureates, and investment bankers. Factfulness offers a radical new explanation of why this happens. It reveals the ten instincts that distort our perspective—from our tendency to divide the world into two camps (usually some version of us and them) to the way we consume media (where fear rules) to how we perceive progress (believing that most things are getting worse).

Our problem is that we don’t know what we don’t know, and even our guesses are informed by unconscious and predictable biases. It turns out that the world, for all its imperfections, is in a much better state than we might think. That doesn’t mean there aren’t real concerns. But when we worry about everything all the time instead of embracing a worldview based on facts, we can lose our ability to focus on the things that threaten us most. Inspiring and revelatory, filled with lively anecdotes and moving stories, Factfulness is a new thinking habit that will change the way you see the world and empower you to respond to challenges and opportunities of the future.



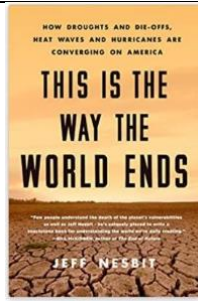
### Peoplequake

Wherever we look, population is the driver of the most toxic issues on the political agenda. But the population bomb is being defused. Half the world's women are having two children or fewer. Within a generation, the world's population will be falling. And we will all be getting very old.

So should we welcome the return to centre stage of the tribal elders? Or is humanity facing a fate worse than environmental apocalypse?

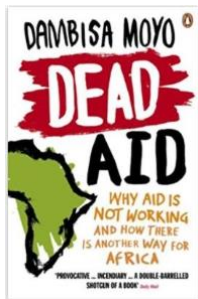
Brilliant, heretical, and accessible to all, Fred Pearce takes on the matter that is fundamental to who we are and how we live, confronting our demographic demons.





### **This is the Way the World Ends**

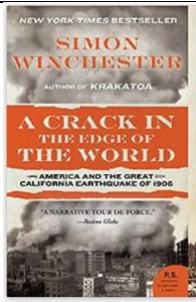
The world itself won't end, of course. Only ours will: our livelihoods, our homes, our cultures. And we're squarely at the tipping point. Longer droughts in the Middle East. Growing desertification in China and Africa. The monsoon season shrinking in India. Amped-up heat waves in Australia. More intense hurricanes reaching America. Water wars in the Horn of Africa. Rebellions, refugees, and starving children across the globe. These are not disconnected events. These are the pieces of a larger puzzle that environmental expert Jeff Nesbit puts together. Unless we start addressing the causes of climate change and stop simply navigating its effects, we will be facing a series of unstoppable catastrophes by the time our pre-schoolers graduate from college. Our world is in trouble – right now. *This Is the Way the World Ends* tells the real stories of the substantial impacts to Earth's systems unfolding across each continent. The bad news? Within two decades or so, our carbon budget will reach a point of no return. But there's good news. Like every significant challenge we've faced - from creating civilisation in the shadow of the last ice age to the Industrial Revolution - we can get out of the boxed canyon by understanding the realities, changing the worn-out climate conversation to one that's relevant to every person. Nesbit provides a clear blueprint for real-time, workable solutions we can tackle together.



### **Dead Aid: Why aid is not working and how there is another way for Africa**

Dambisa Moyo's *Dead Aid* reveals why millions are poorer because of aid, unable to escape corruption and reduced, in the West's eyes, to a childlike state of beggary.

We all want to help. Over the past fifty years \$1 trillion of development aid has flowed from Western governments to Africa, with rock stars and actors campaigning for more. But this has not helped Africa. It has ruined it. *Dead Aid* shows us another way. Using hard evidence to illustrate her case, Moyo shows how, with access to capital and with the right policies, even the poorest nations can turn themselves around. First, we must destroy the myth that aid works - and make charity history.

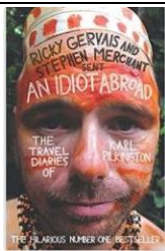


### A Crack in the Edge of the World

In the early morning hours of April 18, 1906, San Francisco, and a string of towns to its north-northwest and the south-southeast were overcome by an enormous shaking that was compounded by the violent shocks of an earthquake, registering 8.25 on the Richter scale. The quake resulted from a rupture in a part of the San Andreas fault, which lies underneath the earth's surface along the northern coast of California. Lasting little more than a minute, the earthquake wrecked 490 blocks, toppled a total of 25,000 buildings, broke open gas mains, cut off electric power lines throughout the Bay area, and effectively destroyed the gold rush capital that had stood there for a half century.

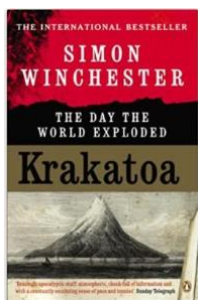
Perhaps more significant than the tremors and rumbling, which affected a swatch of California more than 200 miles long, were the fires that took over the city for three days, leaving chaos and horror in its wake. The human tragedy included the deaths of upwards of 700 people, with more than 250,000 left homeless. It was perhaps the worst natural disaster in the history of the United States.

Simon Winchester brings his inimitable storytelling abilities--as well as his unique understanding of geology--to this extraordinary event, exploring not only what happened in northern California in 1906 but what we have learned since about the geological underpinnings that caused the earthquake in the first place. But his achievement is even greater: he positions the quake's significance along the earth's geological timeline and shows the effect it had on the rest of twentieth-century California and American history.



### An Idiot Abroad

Karl Pilkington isn't keen on travelling. Given the choice, he'll go on holiday to Devon or Wales or, at a push, eat English food on a package holiday in Majorca. Which isn't exactly Michael Palin, is it? So, what happened when he was convinced by Ricky Gervais and Stephen Merchant to go on an epic adventure to see the Seven Wonders of the World?



### Krakatoa

Simon Winchester's brilliant chronicle of the destruction of the Indonesian island of Krakatoa in 1883 charts the birth of our modern world. He tells the story of the unrecognized genius who beat Darwin to the discovery of evolution; of Samuel Morse, his code and how rubber allowed the world to talk; of Alfred Wegener, the crack-pot German explorer and father of geology. In breath-taking detail, he describes how one island and its inhabitants were blasted out of existence and how colonial society was turned upside-down in a cataclysm whose echoes are still felt to this day.