

SATURDAY 08 OCTOBER 2016

SAT 19:00 Lost Kingdoms of South America (b01q6pzt)
The Stone at the Centre

Deep in the Bolivian Andes at the height of 13,000ft stands Tiwanaku, the awe-inspiring ruins of a monolithic temple city. Built by a civilisation who dominated a vast swathe of South America, it was abandoned 1,000 years ago. For centuries it has been a mystery - how did a civilisation flourish at such an altitude and why did it vanish?

Jago Cooper journeys through Bolivia's spectacular landscape to investigate the origins of Tiwanaku and finds evidence of an ancient people with amazing understanding of their environment, whose religion was based on collective effort and ritual beer drinking.

SAT 20:00 Scotland's Vital Spark: The Clyde Puffer (b06s5n0f)

David Hayman explores the rich history of one of Scotland's best-loved boats, the Clyde Puffer. He meets the last of the men who worked on them, explores the communities whose lives they transformed, celebrates their fictional history in the form of the Vital Spark, and takes a trip out to sea on the last remaining steam-powered puffer.

SAT 21:00 Beck (b07z2bjd)
The Last Day

When traffic officers on a quiet morning shift try to stop a car for speeding they are shot at and one of them is killed. Beck and his team lead an extensive search for the ruthless killer.

In Swedish with English subtitles.

SAT 22:30 It's Only Rock 'n' Roll: Rock 'n' Roll at the BBC (b063m6wy)

A celebration of rock 'n' roll in the shape of a compilation of classic artists and songs, featuring the likes of Jerry Lee Lewis, Dion and Dick Dale who all featured in the Rock 'n' Roll America series, alongside songs that celebrate rock 'n' roll itself from artists such as Tom Petty (Anything That's Rock 'n' Roll), Joan Jett (I Love Rock 'n' Roll) and Oasis (Rock 'n' Roll Star).

SAT 23:30 Totally British: 70s Rock 'n' Roll (b01r3pm9)
1970-1974

Trawled from the depths of the BBC Archive and classic BBC shows of the day - Old Grey Whistle Test, Top of the Pops and Full House - a collection of performance gems from a totally rock 'n' roll early 1970s.

This was a golden era for British rock 'n' roll as everyone moved on from the whimsical 60s and looked around for something with a bit more oomph! In a pre-heavy metal world bands were experimenting with influences that dated back to 50s rock 'n' roll, whilst taking their groove from old-school rhythm and blues. It was also a time when men grew their hair long!

In a celebration of this era, we kick off with an early 1970s Badfinger number direct from the BBC library and continue the groove from the BBC vaults with classic rock 'n' roll heroes like Free, Status Quo, the Faces, Humble Pie and Mott the Hoople. Plus from deep within the BBC archives we dig out some rarities from the likes of Babe Ruth, Stone the Crows, The Sensational Alex Harvey Band, Man, Heavy Metal Kids and original rockers Thin Lizzy... to name but a few.

Sit back and enjoy a 60-minute non-stop ride of unadulterated Totally British 70s Rock 'n' Roll!

SAT 00:30 Totally British: 70s Rock 'n' Roll (b01r7hk5)
1975-79

A romp through the BBC archive library from 1975 to 1979 has unearthed some seldom-seen performances of the rarely explored genre of pub rock and other late 70s rock 'n' roll gems from classic music programmes like the Old Grey Whistle Test and Top of the Pops. Before the DIY culture of punk took hold there was a whole breed of real musicians who honed their craft in the backrooms of pubs. And towards the end of the 70s men's hair was starting to get shorter too.

This compilation has uncovered rarely seen footage from the likes of Canvey Island's Dr Feelgood, original pub rockers Ducks DeLuxe, Eddie and the Hot Rods, Elvis Costello, Meal Ticket, Steve Gibbons Band, Dave Edmunds and chum Nick Lowe, a pre-Mike & the Mechanics' Paul Carrack in his first band Ace, a post-Faces Ronnie Lane, The Motors, the first TV performance from Dire Straits, Graham Parker and the Rumour and many more.

SAT 01:30 Top of the Pops (b07xtbj7)

Peter Powell presents the weekly chart show, first broadcast on 20th May 1982. Includes appearances from Adam Ant, Rocky Sharpe & The Replays, Madness, ABC, Iron Maiden, Ph.D, Tight Fit, Nicole and Patrice Rushen. Also features a dance performance from Zoo.

SAT 02:05 It's Only Rock 'n' Roll: Rock 'n' Roll at the BBC (b063m6wy)

[Repeat of broadcast at 22:30 today]

SAT 03:05 The Good Old Days (b07xtbj7)

Leonard Sachs presents an edition of the old-time music hall programme, first broadcast on 8 January 1976. Guests include Arthur Askey, Georgia Brown, Eira Heath, Ray C Davis, Tudor Davies, Sheila Steafel and Arthur Worsley.

SUNDAY 09 OCTOBER 2016

SUN 19:00 In Their Own Words: 20th Century Composers (b03yg8tv)

But Is It Music? (1945-1989)

We discover how the crisis of writing music in a post-war world was met in very different ways by the likes of Britten, Bernstein, Cage, Boulez, Stockhausen, Maxwell Davies, the BBC Radiophonic Workshop, Tavener, Reich, Adams and Glass. Tavener plays badminton whilst drunk, Cage defends his 4'33" of 'silence' and Delia Derbyshire, co-creator of the Doctor Who theme tune, reveals how British techno music has its roots in the bowels of the BBC.

SUN 20:00 Gypsy: Live from the Savoy Theatre (b06t3shd)

Stage musical based on the book by Arthur Laurents and with music by Jule Styne and lyrics by Stephen Sondheim, loosely based on the memoirs of Gypsy Rose Lee.

The story starts in Seattle in the 1920s at the height of vaudeville and follows the dreams and efforts of Gypsy's mother Rose, the fierce show business mother whose entire life and focus is on raising her daughters to be stage stars. It follows their ups and downs in the changing world of the theatre until her daughter Louise steps into the world of burlesque, as it is all that is left, only to become a huge star - Gypsy Rose Lee.

Gypsy contains many popular stage songs including Everything's Coming Up Roses, Let Me Entertain You and Together (Wherever We Go).

SUN 22:15 Darcy Bussell Dances Hollywood (b018nwbx)

Darcy Bussell steps into the shoes of her Hollywood heroes to celebrate the enduring legacy of classic dance musicals.

In the age of Strictly Come Dancing and Streetdance 3D, Darcy, one of Britain's greatest living dancers and Hollywood musical superfan, discovers that the key to understanding where this dance-mad culture comes from lies in classic movie musicals. She takes famous dance routines from her favourite Hollywood musicals and reveals how they cast their spell, paying tribute to the legends of the art form and discovering the legacy they left.

Darcy pays homage to Fred Astaire in an interpretation of 'Puttin' on the Ritz', plays Ginger Rogers in a rendition of Cheek to Cheek, pays tribute to the exuberant Good Morning from Singin' in the Rain, and stars in a new routine inspired by Girl Hunt Ballet from The Band Wagon.

Darcy works with leading choreographer Kim Gavin and expert conductor John Wilson, who has painstakingly reconstructed the original scores, as she discovers how dance in the movies reached a pinnacle of perfection and reveals how the legacy of the golden age lives on.

SUN 23:45 Tales from the Royal Bedchamber (b0386lxs)

Lucy Worsley gets into bed with our past monarchs to uncover the tales from the royal bedchamber. She reveals that our obsession with royal bedrooms, births and succession is nothing new. In fact, the rise and fall of their magnificent beds reflects the changing fortunes of the monarchy itself.

SUN 00:45 Light and Dark (p01k4yt6)

Light

Two-part series in which Professor Jim Al-Khalili shows how, by uncovering its secrets, scientists have used light to reveal almost everything we know about the universe. But in the last 30 years we have discovered that far from seeing everything, we have seen virtually nothing. Our best estimate is that more than 99 per cent of the universe is actually hidden in the dark.

The story of how we used light to reveal the cosmos begins in the 3rd century BC when, by trying to understand the tricks of perspective, the Greek mathematician Euclid discovered that light travels in straight lines, a discovery that meant that if we could change its path we could change how we see the world. In Renaissance Italy 2,000 years later, Galileo Galilei did just that by using the lenses of his simple telescope to reveal our true place in the cosmos.

With each new insight into the nature of light came a fresh understanding of the cosmos. It has allowed us to peer deep into space and even revealed the composition and lifecycles of the stars.

In the 1670s, the Danish astronomer Ole Roemer discovered that light travelled at a finite speed, a discovery that had a profound implication. It meant the further one looks out into the universe, the further one looks back in time. And in 1964, by detecting the cosmic microwave background, the afterglow of the big bang, we captured the oldest light in the universe and saw as far back as it is possible to see with light.

SUN 01:45 Impact! A Horizon Guide to Plane Crashes (b03d690n)

It's a macabre paradox, but almost every advance in aviation safety has been driven by a crash. After every crash, investigators determine its cause and scientists make every effort to ensure the same mistakes never happen again. Dallas Campbell delves into the Horizon archives to chart the deadly disasters that have helped make air travel today the safest it has ever been.

SUN 02:45 Dissected (p01mv2md)
The Incredible Human Hand

In a purpose-built dissection lab, Dr George McGavin is joined by leading anatomy experts to dissect a real hand, taking it apart layer by layer to reveal what makes it unique in the animal kingdom. We discover what gives our hands an unrivalled combination of power and precision, and meet people who use their hands in extraordinary ways - from magicians to rock climbers - to discover what gives them such astonishing abilities.

MONDAY 10 OCTOBER 2016

MON 19:00 World News Today (b07yppp5)

The latest national and international news, exploring the day's events from a global perspective.

MON 19:30 Great Irish Journeys with Martha Kearney (b05n8tlg)
Episode 2

Martha Kearney walks in the footsteps of a 19th-century artist and geologist who spent his life charting the landscape, people and buildings of Ireland. She retraces the journey of George Victor Du Noyer, whose 35-year odyssey left a unique record of how Ireland looked during a period of great change.

In this episode, Martha travels north, taking in the extraordinary beauty of Dunluce Castle, and onwards to Mussenden Temple - only a romantic would expect to find a house here and only a lunatic would build it. She marvels at how Belfast was shaped by the Victorians, and visits Kearney Point on the Ards Peninsula to find out what's in a name. And she journeys south to Dunmoe, overlooking the site of the Battle of the Boyne.

MON 20:00 British Gardens in Time (b041m5bq)
Biddulph Grange

Biddulph Grange, the best-surviving Victorian garden in the country, takes the visitor on a whistlestop journey around the world from China to Egypt in a series of gardens connected by tunnels and subterranean passageways.

Biddulph was created at the height of the British Empire by James Bateman, the son of a wealthy industrialist. Bateman was fascinated by botany and the emerging technologies of the Victorian era, filling his garden with rare specimens tracked down by the Victorian plant hunters laid out to designs that purported to come from around the world but were actually inspired by the Great Exhibition and painted plates from the Potteries.

But Bateman's fascination for all things new would come into conflict with his deeply held religious beliefs, leading him into open conflict with Darwin, financial ruin and the eventual loss of his beloved garden.

MON 21:00 The Great Butterfly Adventure: Africa to Britain with the Painted Lady (b07yqfkq)

The migration of the painted lady has long fascinated scientists, artists and nature lovers alike. The longest butterfly migration on earth, it sees millions of these delicate creatures travel from the desert fringes of north Africa, across thousands of miles of land and sea, before settling in the UK. However, the migration has never truly been understood, the mysteries of the painted lady never unravelled - until now. This documentary reveals the secrets of this extraordinary phenomenon. Observed, investigated and analysed by presenter Martha Kearney and entomologist Dr James Logan, it employs groundbreaking techniques to unlock the secrets of the painted ladies.

At a time when more than a third of Britain's butterfly species are classed as under threat of extinction or have already vanished, it documents the largest butterfly migration into the UK. Over the course of the butterflies' five-month quest from the Atlas Mountains to Great Britain, Martha and her companion - leading butterfly expert Constanti Stefanescu - follow them along the route, observing and investigating this breathtaking natural phenomenon.

Meanwhile, back at the cutting-edge Rothamsted Research Centre in Harpenden, Dr Logan complements their adventures on the road, conducting experiments into butterfly biology and behaviour and, from our communications centre, he is able to follow the butterflies as they make their way from Morocco to Britain.

This is a visceral journey with real jeopardy, a real-life detective story. We break away from the central narrative to unravel the mysteries of the painted lady via experiments, including how they navigate and move between different altitudes, and we examine their flight patterns. As well as experiments there are also standalone packages on a variety of subjects, including the decline of the British butterfly and how some species are fighting back with the help of conservation groups. Butterfly Conversation's legions of butterfly spotters track the migration and those pioneers who make the journey from Morocco in a single flight.

By the end of the programme we discover how this tiny creature weighing less than a single gram is capable of completing an epic 4,500 mile journey from Africa to Great Britain. And even more remarkably, the offspring of these multi-generational butterflies that help to complete the journey their parents started. Could it be that despite having no life experience or learned knowledge of the migration they are innately drawn to the species' route?

An unforgettable adventure, and a groundbreaking project.

MON 22:30 The Victorians (b00hvtbp)
Series 1

Home Sweet Home

Jeremy Paxman continues his exploration of the Victorian world by entering the typical Victorian home, a haven of order, respectability and morality.

But not everything was always as it should be, with sexual double standards and the perils of drink, disease and poverty all threatening to destroy the cherished dream of 'home sweet home'.

MON 23:30 The First World War (b01rp9t1)
Under the Eagle

The first months on the Western Front were mobile, fast and dangerous, casualty rates were higher than with later trench warfare. The Germans were halted by the Allies at the Battle of the Marne, fell back to high ground and dug in. The Allies followed suit. The resulting line of trenches stretched from the English Channel to Switzerland. Now 11 million French and Belgian civilians were under occupation. German brutality was no myth, resistance was ruthlessly suppressed. Civilians, including women and children, were massacred, used as human shields and sent to concentration camps as hostages and forced labourers.

MON 00:20 The Somme: Secret Tunnel Wars (b01skvnh)
Beneath the Somme battlefield lies one of the great secrets of the First World War, a recently-discovered network of deep tunnels thought to extend over several kilometres. This lost underground battlefield, centred on the small French village of La Boisselle in Picardy, was constructed largely by British troops between 1914 and 1916. Over 120 men died here in ongoing attempts to undermine the nearby German lines and these galleries still serve as a tomb for many of those men.

This documentary follows historian Peter Barton and a team of archaeologists as they become the first people in nearly a hundred years to enter this hidden, and still dangerous, labyrinth.

Military mines were the original weapons of shock and awe -

with nowhere to hide from a mine explosion, these huge explosive charges could destroy a heavily-fortified trench in an instant. In order to get under the German lines to plant their mines, British tunnellers had to play a terrifying game of subterranean cat and mouse - constantly listening out for enemy digging and trying to intercept the German tunnels without being detected. To lose this game probably meant death.

As well as uncovering the grim reality of this strange underground war, Peter discovers the story of the men who served here, including the tunnelling companies' special military units made up of ordinary civilian sewer workers and miners. He reveals their top secret mission that launched the Battle of the Somme's first day and discovers why British high command failed to capitalise on a crucial tactical advantage they had been given by the tunnellers.

MON 01:20 China in Six Easy Pieces (b036r5cx)

For centuries the west has been enthralled by flamboyant blue-and-white ceramics from China but unaware that all the time the Chinese were making porcelains for themselves that were completely different - subtle monochromes for the Imperial court, beautiful objects for the scholar's table and delicate domestic wares.

Ceramics expert Lars Tharp, Antiques Roadshow resident and presenter of Treasures of Chinese Porcelain, has picked his six favourite pieces representing Chinese taste. He goes on a journey through a thousand years of Chinese history, travelling from the ancient capital of Huangzhou in the south to Beijing's Forbidden City in the north, to uncover what these six pieces tell us about Chinese emperors, scholars, workers, merchants and artists.

To him, they are China in ceramic form. But can they help us to understand China today?

MON 02:20 The Great Butterfly Adventure: Africa to Britain with the Painted Lady (b07yqfkk)
[Repeat of broadcast at 21:00 today]

TUESDAY 11 OCTOBER 2016

TUE 19:00 World News Today (b07ypypd)

The latest national and international news, exploring the day's events from a global perspective.

TUE 19:30 Great Irish Journeys with Martha Kearney (b05nyhq4)
Episode 3

Martha Kearney walks in the footsteps of a 19th-century artist and geologist who spent his life charting the landscape, people and buildings of Ireland. She retraces the journey of George Victor Du Noyer whose 35-year odyssey left a unique record of how Ireland looked during a period of great change.

In this episode, Martha examines places of power in Ireland as seen through Du Noyer's eyes. She traces the movement of power from Newgrange, through the Rock of Cashel, sees the magnificent Waterford Charter Roll, and ends up at the sumptuous Castletown House.

TUE 20:00 Great Barrier Reef (b019851n)
Nature's Miracle

Three-part series exploring Australia's Great Barrier Reef, one of the natural wonders of the world and the largest living structure on our planet.

Monty Halls explores its full 2,000-kilometre length, from the wild outer reefs of the Coral Sea to the tangled mangrove and steaming rainforest on the shoreline, from large mountainous islands to tiny coral cays barely above sea level, from the dark depths of the abyss beyond the reef to colourful coral gardens of the shallows.

Along the way, he experiences the reef at its most dangerous and its most intriguing, and visits areas that have rarely been filmed, from the greatest wildlife shipwreck on earth to the mysterious seafloor of the lagoon, where freakish animals lurk under every rock.

The first film explores the complex structure of the coral reef itself and the wildlife that lives on it. So vast it is visible from space, the reef is actually built by tiny animals in partnership with microscopic plants. It is a place full of surprises that is always changing, responding to the rhythms of weather, tide, sun and moon.

Within this magical and intensely crowded world, this episode reveals how the amazing reef creatures compete and cooperate - from deadly fish-hunting snails to sharks that can walk on land,

fighting corals and parrot fish that spin sleeping bags every night.

Remote cameras, cutting-edge underwater macro and digital time-lapse photography have captured many sequences which have never been filmed before, providing completely fresh perspectives on this extraordinary natural wonder.

TUE 21:00 Horizon (b00hw1d)
2010-2011

Is Seeing Believing?

Horizon explores the strange and wonderful world of illusions - and reveals the tricks they play on our senses and why they fool us.

We show how easy it is to trick your sense of taste by changing the colours of food and drink, explain how what you see can change what you hear, and see just how unreliable our sense of colour can be.

But all this trickery has a serious purpose. It's helping scientists to create a new understanding of how our senses work - not as individual senses, but connected together.

It holds the intriguing possibility that one sense could be mapped into another. This is what happened to Daniel Kish, who lost his sight as a child. He is now able to create a vision of the world by clicking his tongue which allows him to echolocate like a bat.

And in a series of MRI scans, scientists are now looking to find out if Daniel's brain may have actually rewired itself enabling him to use sound to create a visual image of the world.

TUE 22:00 The Brain: A Secret History (b00xhgkd)
Mind Control

In a compelling and at times disturbing series, Dr Michael Mosley explores the brutal history of experimental psychology.

To begin, Michael traces the sinister ways this science has been used to try to control our minds. He finds that the pursuit of mind control has led to some truly horrific experiments and left many casualties in its wake. Extraordinary archive material captures what happened - scientists systematically change the behaviour of children, law-abiding citizens give fatal electric shocks and a gay man has electrodes implanted in his head in an attempt to turn his sexuality.

Michael takes a hallucinogenic drug as part of a controlled experiment to try to understand how its mind-bending properties can change the brain.

This is a scientific journey which goes to the very heart of what we hold most dear - our free will, and our ability to control our own destiny.

TUE 23:00 Natural World (b01d8nbk)
2011-2012

Grizzlies of Alaska

A mother grizzly bear brings up her two cubs in the wilds of Alaska. She must keep them safe from prowling males, teach them to hunt and prepare them to survive the savage winter. Alaska has the highest density of grizzlies in the world, so fights and face-offs are common. Biologist Chris Morgan spends the summer in this land of bears, often getting far too close for comfort.

TUE 00:00 Mechanical Marvels: Clockwork Dreams (b0229pbp)

Documentary presented by Professor Simon Schaffer which charts the amazing and untold story of automata - extraordinary clockwork machines designed hundreds of years ago to mimic and recreate life.

The film brings the past to life in vivid detail as we see how and why these masterpieces were built. Travelling around Europe, Simon uncovers the history of these machines and shows us some of the most spectacular examples, from an entire working automaton city to a small boy who can be programmed to write and even a device that can play chess. All the machines Simon visits show a level of technical sophistication and ambition that still amazes today.

As well as the automata, Simon explains in great detail the world in which they were made - the hardship of the workers who built them, their role in global trade and the industrial revolution and the eccentric designers who dreamt them up. Finally, Simon reveals that these long-forgotten marriages of art and engineering are actually the ancestors of many of our most-loved modern technologies, from recorded music to the cinema

and much of the digital world.

TUE 01:00 In Their Own Words: 20th Century Composers (b03yg8tv)
[Repeat of broadcast at 19:00 on Sunday]

TUE 02:00 Darcy Bussell Dances Hollywood (b018nwbx)
[Repeat of broadcast at 22:15 on Sunday]

WEDNESDAY 12 OCTOBER 2016

WED 19:00 World News Today (b07ypppk)
The latest national and international news, exploring the day's events from a global perspective.

WED 19:30 Great Irish Journeys with Martha Kearney (b05q19lj)
Episode 4

Martha Kearney walks in the footsteps of a 19th-century artist and geologist who spent his life charting the landscape, people and buildings of Ireland. She retraces the journey of George Victor Du Noyer, whose 35-year odyssey left a unique record of how Ireland looked during a period of great change.

In her final journey, Martha hits the spiritual trail, starting with the Blasket Islands off the coast of Kerry. In the Dingle Peninsula, Du Noyer discovered clochans - stone beehive huts. Martha heads north on a spiritual trail, taking in the islands of the Fermanagh Lakelands - White Island, Boa Island and the renowned Station Island.

WED 20:00 Castles: Britain's Fortified History (b04t6n19)
Instruments of Invasion

Sam Willis looks at the history of the castle from its first appearance with the Normans in 1066 to the longest siege on English soil at Kenilworth Castle 200 years later. The castle arrived as an instrument of invasion but soon became a weapon with which unruly barons challenged the Crown. Tintagel Castle, the place where King Arthur is said to have been conceived, is also on the itinerary. It remains one of the most evocative of castles to this day, drawing visitors from around the world with its tales of myth and legend.

WED 21:00 Britain's Lost Masterpieces (b07yqg13)
Series 1

Belfast

Bendor and Jacky visit the Ulster Museum to investigate what have long been disregarded as low-value copies of works by Flemish artist Peter Breughel the Younger. They also visit the Northern Ireland Assembly at Stormont, in which a controversial painting once slashed with a knife is now kept in a room away from public view. The subject is believed to be William III and the pope - these two characters in one picture would be guaranteed to rouse the passions on both sides of the sectarian divide. But has the painting been a case of mistaken identity? Bendor and Jacky investigate.

WED 22:00 The Incredible Story of Marie Antoinette's Watch with Nicholas Parsons (b07xtbhr)
Nicholas Parsons, Just a Minute host and stalwart of the entertainment world, explores his life-long enthusiasm for clocks when he goes in search of the most valuable and famous watch in the world.

The so-called Marie Antoinette, once the target of one of the biggest museum heists in history, was the masterpiece made by 18th-century genius Nicholas Breguet for that doomed queen.

Tracing the enthralling story of Breguet's rise to fame, Parsons visits Paris and Versailles, and the vaults of today's multimillion-pound Breguet business. Exploring the innovative and dazzling work of the master watchmaker, Parsons unravels the mystery behind the creation of his most precious and most brilliant work.

Parsons then heads to Israel to discover how, in the 1980s, the world's most expensive watch was stolen in a daring heist and went missing for over 20 years.

Revealing a little-known side of one of our favourite TV and radio hosts, the film offers a glimpse into Parsons's own private clock collection while also telling an enthralling tale of scientific invention, doomed decadence and daring robbery.

WED 23:00 Lost Kingdoms of South America (b01qzb9k)
Lands of Gold

Through the mountains and jungles of Colombia, archaeologist Dr Jago Cooper goes in search of the truth behind one of the greatest stories ever told - the legend of El Dorado. His journey takes him from Bogota to the Caribbean coast, through territories once dominated by two cultures, the Muisca and the Tairona, who flourished for centuries before the arrival of the Spanish in the 16th century. Dr Cooper reveals forgotten peoples who valued gold in a way the western world still struggles to understand, travelling to an astonishing lost city and meeting the last survivors of an ancient civilisation.

WED 00:00 The Last Explorers (b017hzw2)
Livingstone

Neil Oliver travels down the Zambesi river to reveal how David Livingstone took the faith of his nation to the ends of the earth and exploited his celebrity to end the slave trade. His was a moral mission: to reshape British values and bring commerce, Christianity and civilisation to the African continent.

WED 01:00 Scotland's Vital Spark: The Clyde Puffer (b06s5n0f)
[Repeat of broadcast at 20:00 on Saturday]

WED 02:00 Rosslyn Chapel: A Treasure in Stone (b00v3y5s)

The exquisite Rosslyn Chapel is a masterpiece in stone. It used to be one of Scotland's best-kept secrets, but it became world-famous when it was featured in Dan Brown's the Da Vinci Code.

Art historian Helen Rosslyn, whose husband's ancestor built the chapel over 550 years ago, is the guide on a journey of discovery around this perfect gem of a building. Extraordinary carvings of green men, inverted angels and mysterious masonic marks beg the questions of where these images come from and who the stonemasons that created them were. Helen's search leads her across Scotland and to Normandy in search of the creators of this medieval masterpiece.

WED 03:00 Britain's Lost Masterpieces (b07yqg13)
[Repeat of broadcast at 21:00 today]

THURSDAY 13 OCTOBER 2016

THU 19:00 World News Today (b07ypppq)
The latest national and international news, exploring the day's events from a global perspective.

THU 19:30 Top of the Pops (b07z3cn5)
John Peel presents the weekly pop chart show, first broadcast on 27 May 1982. Includes appearances from Debbie Harry, Genesis, Japan, Soft Cell, Duran Duran and Madness. Also includes a dance performance from Zoo.

THU 19:55 Pop Go the Sixties (b00cvzhf)
Series 2

Dusty Springfield

A colourful nugget of pop mined from the BBC's archive. From her own series recorded in 1967, Dusty Springfield performs the Bobby Hebb classic, Sunny, which had been a hit in the UK for Cher and Georgie Fame.

THU 20:00 Railways: The Making of a Nation (b07x4f30)
The Age of Leisure

The very idea of an excursion to distant places became popular from the 1840s onwards. People were taking day trips and seeing parts of the country they had never seen before. However, it wasn't all seaside and sand. Some excursion trains were set up to satisfy the public's demand to witness public executions. Other lines transported people to enjoy horse racing and sporting events. Thousands visited resorts, spa towns and the coast. A new wave of Victorian tourists spent their cash on holidays and visited hotels at stations and beyond. The ultimate experience was often to head to the hills and sample clean air, far away from industrial grime and pollution. Working-class northerners now had access to the Lake District. However, one particular Lakeland resident, William Wordsworth, was initially not so happy about the influx of this new type of visitor.

THU 20:30 Hive Minds (b07yqh47)
Series 2

Prime v Variorum

Fiona Bruce presents the quiz show where players not only have

to know the answers, but have to find them hidden in a hive of letters. It tests players' general knowledge and mental agility, as they battle against one another and race against the clock to find the answers.

Prime take on Variorum in this edition.

THU 21:00 Timeshift (b03fv7sl)
Series 13

Full Throttle: The Glory Days of British Motorbikes

Timeshift returns with an exploration of the British love of fast, daring and sometimes reckless motorbike riding during a period when home-grown machines were the envy of the world. From TE Lawrence in the 1920 to the 'ton-up boys' and rockers of the 1950s, motorbikes represented unparalleled style and excitement, as British riders indulged their passion for brands like Brough Superior, Norton and Triumph.

But it wasn't all thrills and spills - the motorbike played a key role during World War II and it was army surplus bikes that introduced many to the joy and freedom of motorcycling in the 50s, a period now regarded as a golden age. With its obsession with speed and the rocker lifestyle, it attracted more than its fair share of social disapproval and conflict.

Narrated by John Hannah.

THU 22:00 The Great Butterfly Adventure: Africa to Britain with the Painted Lady (b07yqfkq)
[Repeat of broadcast at 21:00 on Monday]

THU 23:30 Dissected (p01mv2rj)
The Incredible Human Foot

In a purpose-built dissection lab, Dr George McGavin is joined by leading anatomy experts to dissect a real foot, taking it apart layer by layer to reveal what makes it unique in the animal kingdom. We discover the incredible natural engineering that is key to our greatest physical achievements, from a baby's first steps to a ballerina on pointe.

THU 00:30 Great Barrier Reef (b019851n)
[Repeat of broadcast at 20:00 on Tuesday]

THU 01:30 Top of the Pops (b07z3cn5)
[Repeat of broadcast at 19:30 today]

THU 01:55 Island at the BBC (b00kvd3b)
Compilation of performances from the BBC archives of top Island Records artists, including Cat Stevens's Father and Son, Roxy Music's Do the Strand and Stir It Up by Bob Marley and The Wailers, plus tracks from Steel Pulse, U2, PJ Harvey, Baaba Maal and Amy Winehouse.

THU 02:55 Timeshift (b03fv7sl)
[Repeat of broadcast at 21:00 today]

FRIDAY 14 OCTOBER 2016

FRI 19:00 World News Today (b07yppq1)
The latest national and international news, exploring the day's events from a global perspective.

FRI 19:30 Top of the Pops (b07zf818)
David Jensen presents the weekly pop chart show, first broadcast on 3 June 1982. Includes appearances from Junior, Charlene, ABC, Fun Boy Three, Echo & the Bunnymen, Siouxsie & the Banshees, Adam Ant and Madness. Also includes a dance performance from Zoo.

FRI 20:00 The Good Old Days (b07yqj4h)
Leonard Sachs presents an edition of the old-time music hall programme, first broadcast on 22 January 1976. With guests Moira Anderson, Tessie O'Shea, Ken Goodwin, Harry Towb, Joe Melia, Stuart Gillies, George Elliott, Judd Proctor, Jacque Tuoy, Loraine Hart and Jenny Wren.

FRI 20:45 Pop Go the Sixties (b00d51qy)
Series 2

The Rolling Stones

Pop moments from the BBC's sixties archive. Performing the opening track to their album Let It Bleed, The Rolling Stones are pure sixties psychedelia singing Gimme Shelter on Pop

Goes the Sixties from 1969.

FRI 20:50 Sounds of the Sixties (b008pfhf)

Reversions

1964-6 The Beat Room

Featuring vintage performances from Tom Jones, the Kinks and the Moody Blues.

FRI 21:00 The Story of Skinheads with Don Letts (b07yv0qj)

Documentary in which director and DJ Don Letts looks at a very particular and very provocative British subculture - skinhead. He explores how skinhead has become associated with street fighting, trouble on the football terraces and violent racism in the public consciousness in Britain and around the world, but reveals that its origins lie in a cultural coming together that could not be further from its tarnished image.

Don shows in fascinating detail how the roots of skinhead are in a brilliant cultural collision between the young white working-class kids and their Jamaican counterparts in British inner cities, a moment of multicultural harmony. He traces the history of skinhead from the late 60s to the present, looking at the music and styles of skinhead from the reggae-influenced ska to the punk-influenced Oi. Throughout Don meets people who were committed members of various skinhead scenes, and he considers the conflicts and the contradictions that skinhead has attracted over five decades.

FRI 22:00 Top of the Pops (b00zwrn5)

1964 to 1975 - Big Hits

1964 saw the birth of a very British institution. Spanning over four decades, Top of the Pops has produced many classic moments in pop culture.

Digging deep within the darkest depths of the BBC's archive, this compilation offers some memorable performances from 1964 through to 1975 from the likes of The Rolling Stones, Tom Jones, Status Quo, Procol Harum, Stevie Wonder, Queen and The Kinks, and opens the vintage vaults to rare performances from Stealers Wheel, Julie Driscoll, Peter Sarstedt and The Seekers.

So sit back and witness once again where music met television.

FRI 23:30 Sounds of the 70s 2 (b01k68gc)

Punk - Anarchy on the BBC

The late 70s had parents from all over the UK fearing one particular four letter word... punk. With anarchy spreading across the nation, the BBC managed to capture and sometimes contain some of the chaotic energy of these iconic moments in its studios. This episode provides another chance to jump up and down on the couch and pogo to performances from the Stranglers, the Damned, the Sex Pistols, the Jam, Undertones, the Rezillos, Buzzcocks, the Clash, X-Ray Spex and Joy Division.

FRI 00:00 Top of the Pops (b07zf818)

[Repeat of broadcast at 19:30 today]

FRI 00:30 The Story of Skinheads with Don Letts (b07yv0qj)

[Repeat of broadcast at 21:00 today]

FRI 01:30 Top of the Pops (b00zwrn5)

[Repeat of broadcast at 22:00 today]

FRI 03:00 Sounds of the 70s 2 (b01k68gc)

[Repeat of broadcast at 23:30 today]