

**SATURDAY 11 JANUARY 2020**

**SAT 19:00 Julia Bradbury's Icelandic Walk (b0110gr)**  
Julia Bradbury heads for Iceland to embark on the toughest walk of her life. Her challenge is to walk the 60 kilometres of Iceland's most famous hiking route, a trail that just happens to end at the unpronounceable volcano that brought air traffic across Europe to a standstill in 2010. With the help of Icelandic mountain guide Hanna, Julia faces daunting mountain climbs, red hot lava fields, freezing river crossings, deadly clouds of sulphuric gas, swirling ash deserts and sinister Nordic ghost stories as she attempts to reach the huge volcanic crater at the centre of the Eyjafjallajökull glacier.

**SAT 20:00 Coast (b07x0772)**  
The Great Guide

Cornwall

Tessa Dunlop and Neil Oliver present the ultimate guide to the Cornish coast - from the River Tamar to Tintagel Castle - as they tell the stories that make this stretch so unique. As well as choosing the pick of Coast stories from the past ten years, Tessa hops on and off a variety of boats to delve into untold secrets from these shores. From line fishing with a local Looe fisherman, exploring serpentine rock on The Lizard with a leading geologist, to uncovering a story of tragedy at sea and finding out what it is like living the wild coastal dream in the storm-hit harbour of Porthleven.

**SAT 21:00 Wisting (m000db84)**  
Series 1

Episode 5

With the help of the Americans and the Swedes, Wisting's team have found more and more victims, but now Line herself has been kidnapped and Wisting faces a race against time to rescue her from the man they have been tracking all along.

**SAT 21:45 Wisting (m000db86)**  
Series 1

Episode 6

Wisting and his team are basking in the success of their recent case. But from out of the blue comes an accusation that they, and specifically he, tampered with evidence in a case 17 years ago.

William is fighting for his reputation and his career.

**SAT 22:30 Top of the Pops (m000d26k)**

Mark Goodier and Andy Crane present the pop chart programme, first broadcast 5 January 1989 and featuring Erasure, Kim Wilde, a-ha, Duran Duran, Boy Meets Girl, Gloria Estefan and Miami Sound Machine, Climie Fisher, Inner City, Neneh Cherry, Kylie Minogue and Jason Donovan, and The Four Tops.

**SAT 23:00 Top of the Pops (m000d26m)**

Sybil Ruscoe and Simon Mayo present the pop chart programme, first broadcast on 12 January 1989 and featuring The Darling Buds, Will to Power, Milli Vanilli, Duran Duran, Boy Meets Girl, Marc Almond and Gene Pitney, Rob Base and DJ E-Z Rock, Mike + The Mechanics, Roachford, Fine Young Cannibals, Roy Orbison, Freiheit, Cookie Crew, Kylie Minogue and Jason Donovan, and Gloria Estefan and Miami Sound Machine.

**SAT 23:30 Radio 2 In Concert (m000bddl)**  
Craig David

Southampton-born R&B and garage king Craig David performs an intimate show in the BBC's Radio Theatre in central London for Radio 2.

He and his band perform tracks from his recent, seventh album *The Time Is Now* as well as classics from his best-selling debut *Born To Do It*, which was released in 2000 and spawned classics like *Fill Me In* and *7 Days*.

**SAT 00:30 Soul & Beyond with Corinne Bailey Rae and Trevor Nelson (b0bqtf55)**

DJ Trevor Nelson and singer-songwriter Corinne Bailey Rae present their ultimate soundtrack in an hour of classic and contemporary soul and R&B gems. As they watch their selection, they reveal the reasons behind their choices. From childhood favourites such as The Jackson 5 and Gladys Knight to inspirational tracks from Prince, Mary J Blige, Stevie Wonder and Marvin Gaye, this is a playlist to satisfy any soul fan.

**SAT 01:30 Julia Bradbury's Icelandic Walk (b0110gr)**  
[Repeat of broadcast at 19:00 today]

**SAT 02:30 Coast (b07x0772)**  
[Repeat of broadcast at 20:00 today]

**SAT 03:30 Monkman & Seagull's Genius Guide to Britain (b0bl1vp2)**

Series 1

England

University Challenge icons and real-life best friends Eric Monkman and Bobby Seagull are on a road trip with a difference. Feeding their insatiable appetite for knowledge, they visit Scotland, England, Northern Ireland and Wales in search of hidden gems of British scientific and technological ingenuity.

Their genius guide through England showcases an assortment of remarkable inventions. It begins with a trip to Blackpool Pleasure Beach to experience Sir Hiram Maxim's 1904 Captive Flying Machines, the oldest amusement ride in Europe. These miniature rocket-shaped aeroplanes were designed by the eccentric inventor who created the first portable machine gun but whose ultimate goal was to achieve powered flight. A vertiginous spin on this historic ride gives Monkman the perfect opportunity to describe in detail the theory of centrifugal force.

Next, Southport, a quintessentially British seaside haven. It is also home to the only lawnmower museum of its kind in the world. Here, Monkman and Seagull celebrate an invention that has changed the landscape of Britain forever. As Seagull puts it, 'If an Englishman's home is his castle, then our grass is the field of our ambitions and hopes'. Monkman and Seagull are intrigued to discover the reason why the man who invented the lawnmower had to test his prototypes at night. They are also fascinated to discover that the museum is home to a lawnmower once owned by one of the greatest rock guitarists of all time.

Their next stop takes Monkman and Seagull off the beaten track to Emsley Tower in Huddersfield, a colossal broadcasting mast that is one of the tallest freestanding structures in the UK, where they put their mathematical prowess to the test and measure its height using only a piece of string and a protractor. After a quick and very cosy pit-stop at the smallest museum in the world in West Yorkshire, they approach the culmination of this week's adventure - the giant telescopes of the mysterious Jodrell Bank Observatory near Macclesfield, where they contemplate life on other planets.

**SUNDAY 12 JANUARY 2020**

**SUN 19:00 The Women's Football Show (m000db8p)**  
2019/20

12/01/2020

Eilidh Barbour presents highlights of the Women's Super League from Brighton & Hove Albion, who face Arsenal. Also featuring highlights of the London derby between Tottenham Hotspur and West Ham United, plus all the goals from the rest of the WSL.

**SUN 19:30 David Attenborough's Zoo Quest in Colour (p03qxfsg)**

Thanks to a remarkable discovery in the BBC's film vaults, the best of David Attenborough's early Zoo Quest adventures can now be seen as never before, in colour, and with it the remarkable story of how this pioneering television series was made.

First broadcast in December 1954, Zoo Quest was one of the most popular television series of its time and launched the career of the young David Attenborough as a wildlife presenter. It completely changed how viewers saw the world, revealing wildlife and tribal communities that had never been filmed or even seen before.

Broadcast ten years before colour television was seen in the UK, Zoo Quest was thought to have been filmed in black and white, until now. Using this extraordinary new-found colour film, together with new behind-the-scenes stories from David Attenborough and cameraman Charles Lagus, this special showcases the very best of Zoo Quest to West Africa, Zoo Quest to Guiana and Zoo Quest for a Dragon in stunning HD colour for the very first time.

**SUN 21:00 Fake or Fortune? (b03rsrj)**  
Series 3

Constable

The Fake or Fortune team takes on a doubly challenging investigation as they try to prove that not one but two paintings are missing works by one of Britain's best-loved artists - John Constable.

Gillie Dance used to keep her painting of Yarmouth Jetty under the bed in her London home, never quite believing it could be by Constable - but Fiona Bruce starts to get excited when a previous owner turns out to have a close connection to the artist's family.

The other picture, *A Sea Beach Brighton*, used to hang in the prestigious Boston Museum of Fine Arts - until they mysteriously sold it off at a fraction of its value as a recognized Constable in the early 90s. American attorney Tom Toppin and his wife Bernie snapped it up - but they've been struggling to prove its authenticity ever since. Philip Mould has a hunch that the proof they seek lies in other Constable paintings in US galleries - but will the experts agree?

The trouble for the team is that Constable is one of Britain's most widely faked artists and there are surprises in store when paint analysis suggests one picture has a murky past, while an x-ray provokes screams from Fiona and owner Gillie when it reveals one of the biggest shocks of the series.

**SUN 22:00 The Sky at Night (m000db8r)**  
A Beginner's Guide

The Sky at Night team go back to basics to show you how to enjoy the night sky, wherever you are. It doesn't matter if you live in a city or in the countryside, if you have a telescope, a pair of binoculars or just your eyes to look with.

Pete explains why the night sky changes and joins a group of novice stargazers to talk about the best ways to introduce newcomers to the night. Chris ventures onto a roof in Oxford and marvels at the moon through binoculars, and Maggie goes back to her childhood telescope-making class to talk basic telescope essentials.

Curious about the night sky but don't know where to start? Want to know how to make the most of your new telescope? This is the programme for you!

**SUN 22:30 How to See a Black Hole: The Universe's Greatest Mystery (m0004214)**

For two years BBC cameras have followed, Dr Sheperd Doeleman of the Smithsonian Astrophysical Observatory and the work of the Event Horizon Telescope project team, a collective of the top scientific minds from around the world. The project combines radio observatories and telescope facilities from around the world to make up a virtual telescope with a diameter spanning the entire planet. This mega-telescope's ultimate mission is to capture the first image ever of a black hole. Although the concept of black holes has been long assumed to be fact, the Event Horizon Telescope's success would definitively prove the existence of this scientific phenomena for the first time - and provide clear visual evidence.

The programme brings viewers into the laboratories, behind the computer screens and beside the telescopes of what may prove to be one of the great astrophysical achievements in human history.

**SUN 23:30 Arena (b0080tp3)**  
Desert Island Discs

First transmitted in 1982, Arena celebrates Roy Plomley's Desert Island Discs with the help of many celebrity castaways, including Frankie Howerd, Russell Harty, Trevor Brooking, the Lord Mayor of London, Professor JK Galbraith and Arthur Askey. The special guest for the 40th anniversary programme was Paul McCartney who was also a fan of the show: 'I love its homeliness. It conjures up the best in traditional British pleasure, like the great British breakfast. It's an honour to be asked'.

**SUN 00:20 Being the Brontes (p03kcd3l)**

To mark the 200th anniversary of Charlotte Bronte's birth, Martha Kearney, novelist Helen Oyeyemi and journalist Lucy Mangan travel to Haworth Parsonage, the home of Charlotte and her sisters Emily and Anne, to discover the inspiration behind their classic novels *Jane Eyre*, *Wuthering Heights* and *Agnes Grey*.

Just two years before the books were published, prospects for the three unmarried sisters were bleak. Their brother was battling alcoholism, Charlotte was hopelessly in love with a married man and their father was going blind. But by 1848 they were a literary sensation. To find out how this extraordinary turnaround happened, Martha, Lucy and Helen each immerse themselves in the life of a Bronte sister. From everyday routines at the Parsonage to walks on windswept moors, from harsh

school days to misadventures as governesses, the trio learn how the Brontës combined literary genius with real-life experience to create some of the best-loved novels in the English language.

**SUN 01:20 Bauhaus 100 (m0007trf)**

In 1919 an art school opened in Germany that would change the world forever. It was called the Bauhaus. A century later, its radical thinking still shapes our lives today.

Bauhaus 100 is the story of Walter Gropius, architect and founder of the Bauhaus, and the teachers and students he gathered to form this influential school. Traumatized by his experiences during the Great War, and determined that technology should never again be used for destruction, Gropius decided to reinvent the way art and design were taught. At the Bauhaus, all the disciplines would come together to create the buildings of the future, and define a new way of living in the modern world.

**SUN 02:20 David Attenborough's Zoo Quest in Colour (p03qxfsg)**

[Repeat of broadcast at 19:30 today]

**MONDAY 13 JANUARY 2020**

**MON 19:00 Beyond 100 Days (m000ddyn)**

Series 1

13/01/2020

Katty Kay in Washington and Christian Fraser in London report on the events that are shaping the world.

**MON 19:30 Handmade: By Royal Appointment (b07ht061)**

Steinway

Travelling between the factory in Hamburg, where Steinway pianos are still made largely by hand, and Steinway Hall in London, where a team of technicians maintain and restore the pianos, this film offers a portrait of the craftsmen behind the famous instrument.

From the stoic German factory workers bending the frames and polishing the veneers, to long-standing British restorer Jeff about to retire from the company, the film lifts the lid on the dedication and skills required to make and maintain a prestige piano.

Holders of a royal warrant since the days of Queen Victoria, Steinway supplies pianos to the royal household as well as many leading performers, and the film also follows renowned pianist Lang Lang preparing for a concert at the Royal Albert Hall.

**MON 20:00 Caribbean with Simon Reeve (p02152fy)**

Episode 2

The second leg of Simon Reeve's journey around the Caribbean Sea sees him start at beautiful islands and travel along the coast of South America. On the beautiful and wealthy island of Barbados, he meets the owner of a traditional chattel house who has turned down offers of millions of dollars from luxury property developers and dives the reef on a hunt for invading lionfish which are disrupting the delicate ecosystem.

On the green volcanic slopes of St Vincent, Simon meets the marijuana growers hoping, like their prime minister, that the drug will soon be decriminalised. Venezuela is one of the most turbulent countries in the Caribbean and from a high-rise slum in Caracas to the lawless border lands, Simon tries to work out how a country so rich in oil has fallen so low.

Ending his epic journey in Colombia, Simon gains rare access to the Kogi - an indigenous people who have maintained their traditional forest lifestyle in the face of an encroaching and damaging modern world.

**MON 21:00 The Yorkshire Ripper Files: A Very British Crime Story (m0003m05)**

Series 1

Episode 1

Documentary series opening, in 1975, with the first three years of the investigation into finding the Yorkshire Ripper, Peter Sutcliffe. The location of the first two murders in Chappeltown - then well known as Leeds's main red light district - leads the police to decide that prostitution is the connection between the attacks, but also to them coming up with a neat theory about the killer's motivation. After the second murder in January 1976, the police announce that they are hunting a 'prostitute killer', which had significant implications for how the investigation proceeded.

Speaking to the children of some of the very first murder victims and to police officers who worked on the investigation, as well as to journalists who covered the murders, Liza Williams explores the difference between the way the women were characterised by the investigation and how they are remembered by those who knew and loved them. Meeting a survivor of one of Sutcliffe's earlier attacks, as well as the daughter of another, Liza finds out how their vital eyewitness evidence was ignored because neither were prostitutes and did not, as a result, fit the victim profile the police had decided upon.

While the police ploughed on with their theory of that the murderer was targeting prostitutes, the killer remained at large. Between February 1977 and May 1978 Peter Sutcliffe murdered seven more women.

**MON 22:00 Catching History's Criminals: The Forensics Story (p0214pjs)**

A Question of Identity

Sherlock has his mind palace, Morse his music - every detective has an edge. For most, it's forensic science. This three-part series provides a rare and fascinating insight into the secret history of catching murderers, charting two centuries of the breakthroughs that have changed the course of justice. Surgeon and writer Gabriel Weston explores this rich history through some of the most absorbing, and often gruesome, stories in the forensic casebook - and looks ahead to how forensics will continue to solve the murders of the future.

The first episode looks at the difficulty of identifying the body in a murder case. The question of identity is a crucial start to the investigation. From charred bones to bodies completely dissolved in acid, with each horrific new case science has had to adapt to identify both the victim and the murderer. Investigating four breakthrough cases, Gabriel reveals the scientific innovations that tipped the scales of justice in favour of the detective - and caught the killers.

Firstly, Gabriel investigates the use of teeth and bite marks to identify a victim or murderer, starting with a problematic case at Harvard Medical School in 1849. Next, she traces the use of entomology (the study of insects) to pinpoint the time of death - a crucial piece of evidence that helped identify both the killer and his victims when a gruesome collection of unidentifiable body parts was discovered in a river in Moffat in 1935.

Gabriel meets Professor Sir Alec Jeffreys, the geneticist who pioneered the technique of DNA profiling. Initially used to establish paternity in an immigration dispute, the application of this revolutionary discovery to the field of criminal investigation was soon established. In 1986 it led to a world first - a person caught and convicted solely on the basis of DNA evidence.

Taking us right to the cutting edge of forensics, Gabriel then experiments with a new technique in development - molecular face fitting, which uses only a person's DNA to create an image of their face.

**MON 23:00 Art of Scandinavia (b073mp87)**

Dark Night of the Soul

Scandinavia - a land of extremes, on the edge of Europe. Andrew Graham-Dixon explores the extraordinary art to come out of the dark Norwegian soul, most famous for producing The Scream by Edvard Munch.

**MON 00:00 Britain in Focus: A Photographic History (b08hznb)**

Series 1

Episode 2

Eamonn McCabe explores how British photographers responded to the most important events of the first half of the 20th century and traces the emergence of a new genre of photography - photojournalism. His journey begins at the Daily Mirror's press plant in Watford, which broke new ground with its dynamic coverage of the siege of Sidney Street in 1911, before tracing the footsteps of pioneering female photojournalist Christina Broom and discovering how cheaper cameras enabled British soldiers to become citizen journalists during the First World War.

Eamonn is joined by Mahtab Hussain to discuss the work of Bill Brandt, who in 1937 travelled to the north of England to record landscapes and portraits of working class communities during the Great Depression. Brandt would go on to work for Picture Post, Britain's most popular news magazine, which was launched in 1938. Armed with a period roll film Leica, Eamonn goes on assignment to the fairground to recreate a famous shoot by the magazine that documented almost every aspect of mid-century life in Britain.

He also sees how photographers captured the Second World War, from the Blitz to shocking images of concentration camps; celebrates photographers who pursued the medium as an art form in its own right; learns about the printing techniques of celebrity portrait photographer Alvin Langdon Coburn; and reflects on Cecil Beaton's glamorous work for Vogue magazine.

**MON 01:00 Paula Rego: Secrets and Stories (b08kz9qz)**

A unique insight into the life and work of celebrated painter Paula Rego directed by her son, film-maker Nick Willing. Notoriously private and guarded, Rego opens up for the first time, surprising her son with secrets and stories of her unique life, battling fascism, a misogynistic art world and manic depression.

Born in Portugal, a country which her father told her was no good for women, Rego nevertheless used her powerful pictures as a weapon against the dictatorship before settling in London, where she continued to target women's issues such as abortion rights. But above all, her paintings are a cryptic glimpse into an intimate world of personal tragedy, perverse fantasies and awkward truths.

Nick Willing combines a huge archive of home movies and family photographs with interviews spanning 60 years and in-depth studies of Rego at work in her studio. What emerges is a powerful personal portrait of an artist whose legacy will survive the years, graphically illustrated in pastel, charcoal and oil paint.

**MON 02:30 Handmade: By Royal Appointment (b07ht061)**

[Repeat of broadcast at 19:30 today]

**MON 03:00 Caribbean with Simon Reeve (p02152fy)**

[Repeat of broadcast at 20:00 today]

**TUESDAY 14 JANUARY 2020**

**TUE 19:00 Beyond 100 Days (m000df0q)**

Series 1

14/01/2020

Katty Kay in Washington and Christian Fraser in London report on the events that are shaping the world.

**TUE 19:30 Monkman & Seagull's Genius Guide to Britain (b0blqs45)**

Series 1

Wales

University Challenge icons and real-life best friends Eric Monkman and Bobby Seagull are on a road trip with a difference. Feeding their insatiable appetite for knowledge, they visit Scotland, England, Northern Ireland and Wales in search of hidden gems of British scientific and technological ingenuity. Along the way, everything they touch turns to knowledge.

This second episode, their 'genius guide' to Wales, has a strong industrial engineering flavour. Monkman and Seagull begin by sailing across the highest navigable aqueduct in the world - Pontcysyllte Aqueduct. Designed by Thomas Telford and completed in 1805, this pioneering piece of engineering was built to carry raw materials over a vast ravine into England during the industrial revolution. The tiny village of Hawarden gives the brainy duo the opportunity to stay overnight in the UK's only residential library, surrounded by former Prime Minister William Gladstone's unique collection of books.

Approaching Mount Snowdon, they visit a former quarry hospital in Llanberis, now a museum highlighting its previous life caring for injured slate quarry workers. Here they use their vast knowledge to work out what some of the old medical apparatus was used for. Eric and Bobby also seek some last minute mountaineering inspiration from Edmund Hillary and Tenzing Norgay, by visiting the hotel they stayed at while training on Snowdon for their pioneering ascent of Everest. Finally, the two friends make an attempt on the summit of Mount Snowdon itself - via the mountain's iconic rack-and-pinion narrow gauge steam railway train, which has been ferrying tourists to the top of the peak since 1896.

**TUE 20:00 Italy's Invisible Cities (b088n133)**

Series 1

Venice

Documentary series. Using the latest 3D scanning technology, Alexander Armstrong and Dr Michael Scott explore the watery wonderland of Venice.

They uncover how a city built in a swamp became one of the most powerful in medieval Europe and dive into its canals to experience how the city remains standing. Plus, they reveal how the city's beauty once masked a ruthless secret state and a world of excess and vice.

**TUE 21:00 The Yorkshire Ripper Files: A Very British Crime Story (m0003m04)**  
Series 1

Episode 2

Documentary series exploring the Yorkshire Ripper investigation. Following the murder of Josephine Whitaker in April 1979, Peter Sutcliffe's crimes started to make headlines across the country and the investigation became consumed by a series of letters and a tape that claimed to come from the killer himself.

The letters and tape, addressed directly to George Oldfield, West Yorkshire's chief constable, were sent by a man calling himself Jack the Ripper. Oldfield was so certain that they came from the killer that other suspects were ruled out on the basis of their handwriting or whether they had a north-east accent like the one on the tape. Director Liza Williams discovers that Oldfield's character and his hunches have a lot to answer for when it comes to the direction of the investigation and what evidence was ruled in or out.

Survivors and relatives of those who were attacked recount how they were not listened to when their descriptions of the attacker did not match the voice on the tape. Liza also speaks to police officers who tell her about other promising lines of inquiry, tracing clues left behind at murder scenes. The 'Wearside Jack' tapes, however, took centre stage.

While the police disregarded evidence and focused on the tapes, terror grew and the killer started to become a kind of cult figure, with Yorkshire Ripper chants at football matches and Thin Lizzy's Killer on the Loose topping the charts. As Liza discovers, this myth-making provoked anger from women and the police's failure to catch the killer led to a demonstration on the streets of Leeds.

Ending with the arrest of Peter Sutcliffe, the episode reveals how his name was already in multiple police files. He had been interviewed nine times during the course of the investigation. He did not have a Wearside accent like the voice on the tape, but was born and bred in Yorkshire. Had the police arrested him the first time he was questioned in November 1977, seven women's lives might have been saved.

**TUE 22:00 Catching History's Criminals: The Forensics Story (p0214px7)**  
Traces of Guilt

There will always be those who think they can commit the perfect murder. In reality it's virtually impossible to leave no evidence at the scene of a crime. Fingerprints, hair, fibres and blood can all lead to the killer. In this second episode, surgeon Gabriel Weston explores the cases that were solved by examining the smallest traces of forensic evidence, from the first murder case solved in the UK based on fingerprint evidence to the patterns of blood in a bedroom which helped overturn an infamous murder conviction.

As well as looking to the past, Gabriel investigates the cutting-edge techniques that are proving vital in catching the killers of today. Amazingly, forensic science can now detect with pinpoint accuracy where someone has walked across an area the size of Scotland, based on nothing more than the soil stuck to the sole of a suspect's shoe.

**TUE 23:00 Dan Cruickshank: At Home with the British (b07ckwvx)**  
The Terrace

Dan Cruickshank explores our love affair with the terrace - the home that more Britons live in than any other. We love it because it has proved brilliantly adaptable, encompassing the Victorian parlour and modern open-plan living with equal ease.

Dan is in Toxteth, Liverpool 8. Famous for the riots that ripped it apart in the 1980s, Toxteth has a far richer and more varied history than that one tragic episode. Liverpool was the ultimate Victorian boom town, turned by trade and industry from provincial powerhouse into the second city of empire. 100,000 terraced houses were built to accommodate its vast workforce, with huge numbers in Toxteth. From a high of Victorian industry and immigration to a low of postwar decline, Toxteth's terraces have seen it all - even the 2015 Turner Prize, awarded for their remarkable 21st-century regeneration.

**TUE 00:00 Romancing the Stone: The Golden Ages of British Sculpture (b00ydp2y)**

Masons of God

Alastair Sooke reveals the astonishing range of our medieval sculpture, from the imposing masterpieces of our Gothic cathedrals to the playful misericords underneath church stalls.

He shows how the sculpture of the era casts a new light on medieval Britain, a far more sophisticated, fun-loving and maverick place than we in the modern world commonly believe. But despite the technical and emotional power of these works, the notion of a 'sculptor' did not even exist; most carving of the time was done by teams of itinerant masons and artisans working for the Church. The names of some, like William Berkeley, are known but most are lost to history.

This first golden age came to an end with Henry VIII's Reformation of the Church, unleashing a wave of destruction from which it would take centuries to recover.

**TUE 01:00 Big Sky, Big Dreams, Big Art: Made in the USA (b0b49rq2)**  
Series 1

Episode 2

This episode is set in the American metropolis - the soaring new cities of the East Coast with their futuristic skylines and lofty skyscrapers. But instead of looking up at the futuristic towers, Waldemar Januszczak explores the squalid boxing rings painted by George Bellows, Reginald Mash's decadent awaydays on Coney Island and the crazy escape into theosophy and abstraction mounted by Thomas Wilfred. The film culminates in the harsh immigrant experience of Ellis Island and the profound impact that rootlessness had on the art of Mark Rothko.

**TUE 02:00 The Mystery of Van Gogh's Ear (b07nswft)**

It is one of the greatest and bloodiest mysteries in art: what happened on the December night in 1888 when Vincent van Gogh took a blade to his own ear?

Jeremy Paxman joins art sleuth Bernadette Murphy on her amazing quest to discover the truth - what exactly did the artist do, why did he do it and who was the unknown girl he is said to have handed his severed ear to, her real identity kept secret by her family for over a century? It is an event that defines van Gogh, who created his greatest masterpieces including the Sunflowers at the same moment as suffering mental torture, but what are the real facts?

This revealing detective story travels from Vincent's home in the south of France to the Van Gogh Museum in Amsterdam, and uncovers key evidence hidden in a Californian library that has created an art-world sensation, as we finally solve the mystery of Van Gogh's ear.

**TUE 03:00 Italy's Invisible Cities (b088n133)**

[Repeat of broadcast at 20:00 today]

**WEDNESDAY 15 JANUARY 2020**

**WED 19:00 Beyond 100 Days (m000dfwf)**

Series 1

15/01/2020

Katty Kay in Washington and Christian Fraser in London report on the events that are shaping the world.

**WED 19:30 James May: The Reassembler (b0888hqh)**

Series 2

Mini Motorcycle

As James May spends most of his spare time in his workshop tinkering around with old motorbikes, we thought we'd film it.

James is faced with reassembling a 1970s Honda Z50A Mini Trail Motorcycle from all its 303 component parts. This exciting and portable mini motorcycle was fun for all the family and got a whole generation of kids hooked on motorcycles for the rest of their lives.

This is an object James can't wait to reassemble, but along the way he faces a very real and very hostile battle with some springs, ponders over correct workshop etiquette and contemplates the lifelong debate - what's the difference between a bolt and a screw?

**WED 20:00 Earth's Great Rivers (b0bwqng8)**

Series 1

Nile

For a river that conjures up images of pyramids and pharaohs, the Nile turns out to be a truly surprising river that changes at every twist and turn of its journey. As its flows into increasingly arid latitudes on its journey north it becomes an evermore vital lifeline for animals and people, but only if they can conquer the challenges that this ever-changing river throws at them. The Nile's story begins in a spectacular, tropical mountain range - the Rwenzoris. Streams plunge from these snowy peaks creating wetlands on the plains below. Here they create a mobile water garden of papyrus reeds, home to one of the world's strangest birds - a shoebill stork. Though beautiful, clumps of reeds break up and float around creating a challenging environment for would-be fishermen. A stork's best way of finding prey is to form a rather strange alliance - wily shoebills follow hippos whose great bulk opens up fishing channels for them.

The Nile's headwaters create huge lakes in the equatorial heart of Africa - everything here is on a vast scale, especially Lake Victoria which is the size of Ireland. Here vast swarms of lakeflies sweep across its waters on a biblical scale, providing an unexpected feast for local people who trap the insects to make 'fly burgers'. It is not just Lake Victoria's immense size which makes it so dramatic. The vast lake has only a single exit channel of ferocious white water - the aptly named White Nile. People come from around the globe to tackle the rapids here which are some of the most powerful and infamous in the world. A local heroine, Amina Tayona (a mum from a nearby village) is brave enough to ride them. Amina has learnt to kayak on these treacherous rapids - and now competes against international athletes.

The next stage of the Nile's great journey are the wild Savannah lands of Uganda and the awesome spectacle of one of the world's most powerful waterfalls, Murchison Falls. Here, valiant crocodile mothers try to defend their nest against hungry predators. Even though they are such fearsome predators - crocodiles have a weakness which other animals exploit. Watch as cunning Nile monitor lizards try to outwit an increasingly desperate Nile crocodile mother who faces a terrible dilemma. Further downstream is the setting for one of the episode's most surprising stories. Filmed for the first time using the latest camera-trap technology, cameras reveal strange goings-on at the abandoned country home of infamous and exiled dictator, Idi Amin. Its ruins are attracting new, wild guests. Many of Africa's big predators make their home here today.

In South Sudan, the Nile river slows and spreads out transforming into a huge wetland - the Sudd (Arabic for barrier). Half of its water is lost due to evaporation here and this is before the river embarks on its epic crossing of the Sahara - a desert the size of China. Every year, the dwindling Nile receives a massive, timely injection of water far to the east. In the Ethiopian highlands, the Nile's greatest tributary - the Blue Nile - is swelled by the wet season creating some of the most turbulent and dramatic seasonal waterfalls on Earth and forming a spectacular gorge which is nearly as deep as the Grand Canyon.

The Blue Nile is a river revered and used in a variety of incredible ways - from mass baptism ceremonies in the ancient Ethiopian city of Gondar to colonies of cheeky weaver birds who use the riverbank's reeds to build intricate nests. The Blue Nile replenishes the main Nile channel at the Sudanese capital city of Khartoum, the two become one and embark on the epic crossing of the Sahara. The miracle of the Nile is that it has allowed great civilisations to thrive in a desolate and arid region - today and throughout history. From the exotic city of Cairo, to the glories of ancient Egypt, breathtaking photography reveals the extent of the Nile's power to transport water from one part of world and deliver it to another, building and supporting life.

**WED 21:00 The Yorkshire Ripper Files: A Very British Crime Story (m0003m01)**

Series 1

Episode 3

Documentary series exploring the Yorkshire Ripper investigation. In this final episode, Liza Williams charts the arrest of Peter Sutcliffe in January 1981, his subsequent trial and conviction, and the legacy for the relatives of his victims and the survivors of his attacks.

Speaking to one of Sutcliffe's defence team, as well as a leading barrister from the prosecution and journalists who covered the trial, Liza traces the story from the moment of arrest. Witnesses were offered money for exclusives, potentially jeopardising the trial, and once it began long queues formed for the public gallery and front row seats in court were given to VIPs.

Peter Sutcliffe pleaded not guilty to murder on the grounds of diminished responsibility because of his mental state. The prosecution, however, argued that he should be found guilty of murder. Sutcliffe had confessed to all 13 murders and seven attacks, so there was no doubt who was to blame. However, looking back at court transcripts, Liza discovers that the women

Sutcliffe attacked were once more classed as either prostitutes or 'innocent' victims. Meeting a woman who led a demonstration outside the Old Bailey, Liza finds out about the outrage they felt when the humanity of the murdered women was ignored.

On 22 May 1981, the Yorkshire Ripper trial reached its conclusion. Peter Sutcliffe was found guilty of murder and sentenced to a minimum term of 30 years. But as Liza discovers, that is not the end of the case. After Sutcliffe's conviction, the failures of the police investigation start to be made public as a wide-ranging government report details mistake after mistake. Liza learns just how many clues and witnesses were ignored. But also, more powerfully, she discovers that the failings all link back to the police's original theory about a 'prostitute killer' that took them in the wrong direction right from the start and led them to disregard vital evidence.

Going back to the survivors and relatives of Sutcliffe's victims, at the end of the final episode and the conclusion of the series, Liza explores the legacy left behind by his crimes and what it has been like to live as the child of a Ripper murder victim.

**WED 22:00 Catching History's Criminals: The Forensics Story (p0214q38)**  
Instruments of Murder

Sherlock has his mind palace, Morse his music - every detective has an edge. For most, it's forensic science. This three-part series provides a rare and fascinating insight into the secret history of catching murderers, charting two centuries of the breakthroughs that have changed the course of justice. Surgeon and writer Gabriel Weston explores this rich history through some of the most absorbing, and often gruesome, stories in the forensic casebook - and looks ahead to how forensics will continue to solve the murders of the future.

Where there's a murder there's usually a weapon. It's a key piece of evidence that can hold all the clues needed to catch the killer and shine a light into the mind of the murderer. In this final episode, Gabriel investigates the forensic advances that have elevated the murder weapon from its role of mere evidence to that of key witness.

Arsenic, the undetectable weapon of choice in the 19th century, was exposed as the murder weapon with one simple chemical test, and distinctive marks left on a victim's skull led detectives to the murder weapon and the killer.

Gabriel also looks to the future and the latest advances in forensics. Scientists have developed 3D laser scanning that can be used to reconstruct the exact sequence of events at the scene of a gun crime and decipher whether a shooting was murder or self-defence. Gabriel also investigates the pioneering chemistry that can now determine where in the world someone has spent time based on just a few strands of their hair.

**WED 23:00 Treasures of Ancient Egypt (p01mv1cv)**  
The Golden Age

On a journey through Ancient Egyptian art, Alastair Sooke picks treasures from its most opulent and glittering moment. Starting with troubling psychological portraits of tyrant king Senwosret III and ending with the golden mask of boy king Tutankhamun, Sooke also explores architectural wonders, exquisite tombs and a lost city - site of the greatest artistic revolution in Egypt's history where a new sinuous style was born under King Akhenaten and Queen Nefertiti. Along the way Egyptologists and artists reveal that the golden veneer conceals a touching humanity.

**WED 00:00 Romancing the Stone: The Golden Ages of British Sculpture (b00ym19v)**  
Mavericks of Empire

By the middle of the 18th century, Britain was in possession of a vast empire. It required a new way of seeing ourselves and so we turned to the statues of ancient Greece and Rome to project the secular power and glory of the British Empire.

The message was clear: Britain was the new Rome, our generals and politicians on a par with the heroes of the ancient world. The flood of funds, both public and private, into sculptural projects unleashed a new golden age, yet it was also a remarkably unorthodox one. The greatest sculptors of the 18th and 19th centuries were those mavericks who bucked prevailing trends - geniuses like John Flaxman, Francis Chantrey and Alfred Gilbert.

Alastair Sooke tells the story of these mavericks and reveals the extraordinary technical breakthroughs behind their key works: carving in marble with a pointer machine and the primal power of the lost-wax technique.

**WED 01:00 John Berger: The Art of Looking (b082qynq)**

Art, politics and motorcycles - on the occasion of his 90th birthday, this is an intimate portrait of the late writer and art critic whose groundbreaking work on seeing has shaped our understanding of the concept for over five decades. The film explores how paintings become narratives and stories turn into images, and rarely does anybody demonstrate this as poignantly as Berger.

Berger lived and worked for decades in a small mountain village in the French Alps, where the nearness to nature, the world of the peasants and his motorcycle, which for him deals so much with presence, inspired his drawing and writing.

The film introduces Berger's art of looking with theatre wizard Simon McBurney, film director Michael Dibb, visual artist John Christie, cartoonist Selçuk Demiral and photographer Jean Mohr, as well as two of his children - film critic Katya Berger and the painter Yves Berger.

The prelude and starting point is Berger's mind-boggling experience of restored vision following a successful cataract removal surgery. There, in the cusp of his clouding eyesight, Berger re-discovers the irredeemable wonder of seeing.

Realised as a portrait in works and collaborations, this creative documentary takes a different approach to biography, with Berger leading in his favourite role of the storyteller.

**WED 01:55 Arena (b08t14wf)**  
American Epic

Out of the Many, the One

A look at the influence of Hawaiian music and more specifically, the steel guitar, which became a central sound to a range of musical styles. When Joseph Kekuku picked up a metal bolt as he wandered down a train track, the bolt hit the strings of his guitar and the sound was born. He perfected his slide to create a new instrument that would travel the world.

The programme continues with an exploration of Cajun music, the blended music of Louisiana that reflects the winding landscape of the bayous. This appealed to the record companies as something set apart from the established genres of country, jazz and blues. Central to the scene were the Breaux family, who talk about continuing their musical heritage today.

Finally we hear the story of Mississippi John Hurt - discovered in the 1920s but soon forgotten, he represents the odyssey of American Epic in microcosm. After travelling to Memphis where his music was recorded, he returned home to Avalon, a tiny spot on the map of Mississippi. With the Depression, recording in the south came virtually to a halt and Hurt simply went back to sharecropping, his music forgotten by all but a few dedicated collectors. 35 years after those first recordings, folklorist Dick Spotswood tracked down Hurt in 1963, sparking a revival of his music. He starred at the Newport Folk Festival and became celebrated all over the world.

**WED 03:00 Earth's Great Rivers (b0bwqng8)**  
[Repeat of broadcast at 20:00 today]

**THURSDAY 16 JANUARY 2020**

**THU 19:00 Beyond 100 Days (m000dhpz)**  
Series 1

16/01/2020

Katty Kay in Washington and Christian Fraser in London report on the events that are shaping the world.

**THU 19:30 The Sky at Night (m000db8r)**  
[Repeat of broadcast at 22:00 on Sunday]

**THU 20:00 The Great British Year (p01dfksf)**  
Original Series

Spring

Spring marks the start of an epic race for life where timing is everything; trees explode with blossom and mornings fill with the magical chorus of birdsong. Long-tailed tits frantically build nests whilst, in our oceans, seahorses sway to a graceful courtship dance.

As we celebrate Easter, a stoat mother hunts the young rabbits to feed her own playful young. As spring becomes summer, guillemot chicks leap from their cliffs to begin life at sea, and this year's young prepare for life alone.

**THU 21:00 Einstein's Quantum Riddle (m000db95)**

Einstein's Quantum Riddle tells the remarkable story of perhaps the strangest phenomenon in science - quantum entanglement. It's a story of mind-bending concepts and brilliant experiments, which lead us to a profound new understanding of reality.

At the start of the 20th century Albert Einstein helped usher in quantum mechanics - a revolutionary description of the behaviour of tiny particles. But he soon became uncomfortable with the counterintuitive ideas at the heart of the theory. He hunted for flaws in the equations and eventually discovered that they predicted a seemingly impossible situation.

Quantum theory suggested you could have two particles, which had interacted in the past, and even if you separated them by millions of miles they would somehow act in unison. If you measured one, forcing it to take on one of many properties, the other would instantly take on a corresponding property. Like rolling two dice, millions of miles apart, and as you look at one to see what number it landed on, the other instantly shows the same number. This bizarre prediction of magically connected particles became known as quantum entanglement. Einstein felt it couldn't possibly be real - it seemed to break the rules of space and time. In 1935, with two of his colleagues, he published a paper that argued that this bizarre phenomenon implied the equations of quantum theory must be incomplete.

No-one could think of a way to test whether Einstein was right, until in 1964, John Bell, a physicist from Northern Ireland, published an astonishing paper. He'd found a key difference between Einstein's ideas and those of quantum theory. It all boiled down to entanglement. As Professor David Kaiser puts it: 'We now know this was one of the most significant articles in the history of physics. Not just the history of 20th-century physics; in the history of the field as a whole.' In 1972 John Clauser and Stuart Freedman built an experiment based on John Bell's work and found the first experimental evidence to suggest that quantum entanglement really is a part of the natural world.

Today, a technological revolution is under way, with labs around the world harnessing entanglement to create powerful new technologies such as quantum computers. At Google's quantum computing lab in Santa Barbara, researcher Marissa Giustina describes their latest quantum-processing chip. And in Shanghai, at the University of Science and Technology, Professor Jian-Wei Pan explains that his team is working to send entangled particles from a satellite to a ground station to create totally secure communication links - a major step towards the creation of an unhackable 'quantum internet' of the future based on quantum entanglement.

Yet despite this progress, questions still remain about our experimental proof of entanglement. There are possible loopholes that could mean that entanglement may be an illusion and that Einstein was right all along. At the Roque de los Muchachos Observatory in the Canary Islands, Professor Anton Zeilinger's team is attempting a remarkable experiment to rule out the most challenging loophole. Their experiment uses two of Europe's largest telescopes to collect light from two quasars, billions of light years away, to control intricate measurements of tiny quantum particles and put quantum entanglement to the ultimate test.

**THU 22:00 Wonders of the Universe (b00zf9dh)**  
Destiny

Having explored the wonders of the solar system, Professor Brian Cox steps boldly on to an even bigger stage - the universe.

Who are we? Where do we come from? For thousands of years humanity has turned to religion and myth for answers to these enduring questions. But in this series, Brian presents a different set of answers - answers provided by science.

In this episode, Brian seeks to understand the nature of time and its role in creating both the universe and ourselves. From an extraordinary calendar built into the landscape of Peru to the beaches of Costa Rica, Brian explores the cycles of time which define our experience of life on Earth. But even the most epic cycles of life can't begin to compare to the vast expanse of cosmic time.

For instance, just as the Earth orbits the Sun, the solar system orbits the entire Milky Way galaxy. This orbit takes a staggering 250 million years to complete.

Ultimately, Brian discovers that time is not characterised by repetition but by irreversible change. From the relentless march of a glacier, to the decay of an old mining town, the ravaging effects of time are all around us. The vast universe is subject to these same laws of change. As we look out to the cosmos, we can see the story of its evolution unfold, from the death of the first stars to the birth of the youngest. This journey from birth to death will ultimately lead to the destruction not just of our planet, but also the entire universe, and with it the end of time itself.

Yet without this inevitable destruction, the universe would be

without what is perhaps the greatest wonder of all - the brief moment in time in which life can exist.

**THU 23:00 Michael Mosley vs The Superbugs (b08qkz77)**

More and more bacterial infections are becoming resistant to antibiotics. Not just MRSA but also TB, pneumonia and e-coli. In Britain, hundreds die of these infections - mainly the very young or the frail and elderly. Health experts warn, unless we crack the problem, that by 2050 we will be facing a pathogenic apocalypse with over 10 million people dying of resistant bacterial infection worldwide every year.

Michael Mosley goes in search of the causes of this crisis and possible solutions to overcome it. At the heart of the film is an unprecedented experiment to create a life-size clone of Michael in agar and then grow bacteria on it taken from all over his body. This is 'Microbial Michael', a living bacterial sculpture that offers new insights into what happens when we hit our body - and our bacteria - with a broad spectrum antibiotic.

Michael finds that he has some resistant bacteria. But how has this happened and how do bacteria acquire resistance to antibiotics? In a cave in New Mexico, Michael discovers that it is a natural process, which has been going on for millennia, long before the discovery of penicillin. Our overuse of antibiotics in medicine and farming accelerates the development of resistance among bacteria, but evolution ensures that bacteria will gradually overcome the antibiotics we use to defeat them.

So, we desperately need new antibiotics, or ways to make our existing antibiotics work effectively again. In a trip that goes to the US, to Poland and to research labs around the UK, we meet the 'resistance hunters' - scientists who are trying to find new ways of beating resistant bacteria. And in a finale to the 'Microbial Michael' experiment, some of Michael's agar body parts - his face and his hands - are infected with superbugs. Can any of the new treatments get rid of them?

**THU 00:00 Romancing the Stone: The Golden Ages of British Sculpture (b00yvsjd)**

Children of the Revolution

'Sculpture has changed more in the last hundred years,' says Alastair Sooke, 'than in the previous thirty thousand.' The third and last episode of the series tells the dramatic story of a century of innovation, scandal, shock and creativity.

It begins with the moment at the turn of the 20th century when young sculptors ceased visiting the Elgin Marbles at the British Museum and looked instead at the 'primitive' works of Africa and the Pacific islands. The result was an artistic revolution spearheaded by Eric Gill and Jacob Epstein that would climax in the anti-sculptural gestures of Gilbert & George and Damien Hirst.

Yet for all the provocation and occasional excesses of conceptualism, sculpture has never enjoyed such popularity. From the memorials of World War One to the landmarks of Antony Gormley and Rachel Whiteread, sculpture remains the art form that speaks most directly and powerfully to the nation.

The programme climaxes with a series of encounters between Alastair and leading sculptors Damien Hirst, Rachel Whiteread, Antony Gormley and Anthony Caro.

**THU 01:00 Bought with Love: The Secret History of British Art Collections (b037c5gt)**

The Golden Age

With Britain's country houses being home to world-class art collections full of priceless old masters and more, this three-part series sees art historian Helen Rosslyn tell the story of how great art has been brought to Britain by passionate collectors and how these same collectors have also turned patron and commissioned work from the cream of their contemporary crop of painters.

In this episode she focuses on the 18th century, the Grand Tour era when aristocrats filled their Palladian villas with masterpieces by 17th-century classical painters. Throwing open the doors of some of our most magnificent stately homes, Rosslyn visits Holkham Hall in Norfolk to view the Grand Tour collection there, before going on to explore the legacy of the Dukes of Richmond at Goodwood House. She also visits Petworth House in Sussex, where the one-time Lord Egremont patronised JMW Turner.

**THU 02:00 A History of Art in Three Colours (b0114fy)**

Gold

For the very first civilisations, the yellow lustre of gold is the most alluring and intoxicating colour of all. From the midst of prehistory to a bunker deep beneath the Bank of England, Fox reveals how golden treasures made across the ages reflect everything that has been held as sacred.

**THU 03:00 Einstein's Quantum Riddle (m000db95)**

[Repeat of broadcast at 21:00 today]

**FRIDAY 17 JANUARY 2020**

**FRI 19:00 World News Today (m000db89)**

The news programme for audiences who want more depth to their daily coverage. With a focus on Europe, Middle East and Africa.

**FRI 19:30 Top of the Pops (m000db8c)**

Bruno Brookes and Richard Skinner present the pop chart programme, first broadcast on 19 January 1989 and featuring Roachford, Roy Orbison, Robert Howard and Kym Mazelle, Marc Almond and Gene Pitney, Ten City, Mica Paris and Will Downing, New Model Army, Brother Beyond, Natalie Cole, Mike and The Mechanics, Holly Johnson, Fine Young Cannibals, Kylie Minogue and Jason Donovan, and Rob Base and DJ E-Z Rock.

**FRI 20:00 Sound of Musicals with Neil Brand (b0888r7n)**

Oh, What a Beautiful Mornin'

Series in which composer Neil Brand explores how musical theatre evolved over the last 100 years to become today's global phenomenon. Neil hears the inside story from leading composers and talent past and present, and recreates classic songs, looking in detail at how these work musically and lyrically to captivate the audience.

In the first episode, Neil finds out how the modern shape of the musical was established through a series of pioneering works, from Jerome Kern and Oscar Hammerstein's Show Boat in the 1920s with its bold take on America's racial divide and innovative use of songs that further the narrative, to Alan Jay Lerner and Frederick Loewe's My Fair Lady, which made a star of Julie Andrews in the late 1950s. Neil also reveals the songwriting secrets of some much-loved numbers, including 'Oh! Man River, Oh, What a Beautiful Mornin', and If I Loved You.

**FRI 21:00 Top of the Pops (m000db8f)**

Gary Davies and Anthea Turner present the pop chart programme, first broadcast on 26 January 1989 and featuring Then Jerico, Adeva, Rob Base and DJ E-Z Rock, Mica Paris and Will Downing, Bobby Brown, Level 42, Sheena Easton, Ten City, Brother Beyond, Marc Almond and Gene Pitney, and Milli Vanilli.

**FRI 21:30 Stewart Copeland's Adventures in Music (m000db8k)**

Series 1

Episode 1

Stewart Copeland explores the power music has to bring people together and to bond them in ways that are fundamental to our evolution and existence.

His travels take him from the southern German cave where a 40,000-year-old bone flute was discovered to the modern-day mass singalong of New York's Choir! Choir! Choir! Along the way he gets to play with a Memphis marching band, join a song circle led by Bobby McFerrin, deconstruct the sexiness of 'Relax' with its producer Trevor Horn, discuss the art of songwriting with his old colleague Sting and learn how to create dance floor unity with international star DJ Honey Dijon.

**FRI 22:30 Duran Duran: There's Something You Should Know (b0b7szrg)**

With exclusive access, the band open up about their extraordinary career and talk candidly about the highs and lows they have endured together over four long decades. This is the band at their most relaxed, intimate and honest. We spend time with John at his LA home, Simon pays a visit to his former choir master, Roger goes back to where it all started in Birmingham, and Nick dusts off some of the 10,000 fashion items that the band have meticulously catalogued and collected over the course of their career. Joining the conversation is fellow new romantic and singer Boy George, lifelong fan and record producer Mark Ronson, friend, fan and supermodel Cindy Crawford, and Highlander film director Russell Mulcahy.

Charting their trajectory over four decades, the story is told through seven of their albums. Each record uncovers a compelling chapter in the band's journey - the fame, the fortune, the melt downs, the hits, the flops, the exotic videos, the tours, the fans, the partying and the supermodels.

**FRI 23:30 Smashing Hits! The 80s Pop Map of Britain and Ireland (b0bby1w)**

Series 1

Episode 3

Two 80s icons explore the distinct sounds that came out of different parts of Britain and Ireland in one of pop's golden decades.

Midge Ure, lead singer of Ultravox and one of the men behind Band Aid, and Kim Appleby, who had a string of hits with her sister Mel in the Stock, Aitken and Waterman-produced band Mel and Kim, go on a journey back in time to the 80s to figure out why certain cities produced their own diverse tunes.

It's a fascinating tale. Emerging from the ashes of punk, British and Irish music ripped up the pop rule book in the 80s and topped the charts worldwide. But there was no definitive 'British' pop sound. Innovative chart-toppers were being produced by artists hailing from all over the UK and Ireland.

In this third and final episode, Midge and Kim visit London and Manchester, the two cities that did battle with each other for musical pre-eminence as 80s music turned towards the new sounds of dance.

Star interviewees include Denise Pearson from Five Star, Soul II Soul's Jazzee B, Mark Moore of S'Express, Shaun Ryder from The Happy Mondays and Peter Hook of New Order.

It's a tale of how studio technology changed music, with British bands putting their own unique spin on dance to produce contrasting northern and southern sounds.

**FRI 00:30 I Can Go For That: The Smooth World of Yacht Rock (m00062g8)**

Series 1

Episode 2

Katie Puckrik concludes her voyage through a golden era of Los Angeles studio crafted sounds. In this episode she charts the progress of Yacht Rock through the 1980s, when it became the soundtrack to America in the Reagan era, and when artists like Toto, Hall & Oates and George Benson created a technicolour second wave of a super smooth sound.

In its day, this music was not identified as a genre, but in the 21st century, in a nod to its finely crafted nature, it has come to be known as Yacht Rock. In the MTV 80s, the bearded sensitivity that had defined the Yacht sound in the previous decade was out and, instead, bigger sounds with bombastic videos were in. Hall & Oates stepped up to the challenges of the video age with hits such as I Can't Go For That and Private Eyes.

The gleaming Yacht sound was, in part, always defined by a group of LA-based session players and composers who worked across a range of Yacht bands, informing their specific tone and level of musicianship. Yacht session supremos Jay Graydon and Steve Porcaro reveal how they worked with George Benson, making a surprising addition to the Yacht cannon with Turn Your Love Around.

Meanwhile, Porcaro joined other LA session players to form Toto whose tracks Rosanna and Africa were two mega-hits of the early 80s. Toto's Steve Lukather and Steve Porcaro also reveal how they even brought a little Yacht magic to the biggest-selling album in history, Michael Jackson's Thriller, when the latter wrote the song Human Nature for the album.

Meanwhile, actor and writer JD Ryznar takes credit for inventing the Yacht badge, when he penned a satirical online drama referencing the key protagonists of Yacht. This affectionate spoof contributed to a revival of interest and enthusiasm for these mainstream sounds in the digital era and Katy's reappraisal puts the brilliance of this group of musicians firmly back in the spotlight. Other contributors include Robbie Dupree and John Oates.

**FRI 01:30 Stewart Copeland's Adventures in Music (m000db8k)**

Series 1

[Repeat of broadcast at 21:30 today]

**FRI 02:30 Sound of Musicals with Neil Brand (b0888r7n)**

[Repeat of broadcast at 20:00 today]