SATURDAY 18 JANUARY 2020

SAT 19:00 Natural World (b0b7jdwp)

The Super Squirrels

The squirrel family is one of the most widespread on earth, so what is the secret to their success? There are squirrels that can glide through the air, outwit rattlesnakes and survive the coldest temperatures of any mammal. We uncover the extraordinary abilities of these cheeky characters, putting their problem solving to the test on a specially designed assault course. We team up with some of the world's top squirrel scientists who are making groundbreaking discoveries - from the fox squirrel who can remember the location of 9,000 nuts to the grey squirrel whose tree-top leaps are the basis of new designs in robotics. We also see the world through the eyes of an orphan red squirrel called Billy, as he grows up and develops all the skills he will need to be released back to the wild. It is time to meet the animal family we should never underestimate - the supersquirrels.

SAT 20:00 Coast (b07xs2r9)

The Great Guide

Southern Wales

Tessa Dunlop and Neil Oliver present an insider guide to southern Wales - from the Severn Bridge to St Davids - as they unearth the stories that give this coast its wild appeal.

Building on the best of ten years of Coast stories from these shores. Tessa takes to the seas to seek out new stories and extreme experiences for the guide. She tries her hand at coastal rowing, braves the high seas to explore why Gower was made Britain's first area of outstanding natural beauty, gets close to nature in a kayak at Worm's Head and tries her hand at a local tradition - cockle picking - at Penclawdd.

SAT 21:00 Wisting (m000dl25)

Series 1

Wisting is suspended, unable to protect his reputation and, worse still, unable to officially investigate the supposedly wrongful conviction. Is there a killer still on the loose because of what he did 17 years ago?

The rest of the team are determined to clear Wisting's name. But if he didn't tamper with the evidence, who did?

SAT 21:45 Wisting (m000dl27)

Episode 8

A young woman has gone missing. To Benjamin's horror, it's someone who wanted him to file a complaint about her stalker. Can they find her before the worst happens? And is her disappearance connected to the wrongful conviction case that still looks likely to ruin Wisting?

Everyone, including Wisting and even Frank Robekk, is desperate to get to the truth. Meanwhile, Line has made an old connection from her past and Wisting does not approve.

SAT 22:30 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.

SAT 23:00 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.

SAT 23:30 Meat Loaf: In and out of Hell (b04xdrrb)

Since the release of the Bat Out of Hell album, Meat Loaf has ssessed the kind of international status that few artists obtain. His larger-than-life persona and performances are fuelled by a passion for theatre and storytelling. This candid profile reveals the man and his music through his own testimony and from the accounts of those closest to him.

Meat Loaf's life story is one of epic proportions - he survived a childhood of domestic violence only to face years of record company rejection before eventually finding global fame. Along the way he experienced bankruptcy, health scares, bustups and one of the greatest comebacks of all time. All this and more is explored in the film, which features behind-the-scenes footage of his Las Vegas residency, plus plans for a new album featuring songs by Jim Steinman.

The film also revisits the Dallas of Meat Loaf's early years and includes insights from his high school friends, who reveal how Meat really got his famous moniker

After his mother died, Meat Loaf fled Texas for the bright lights of LA. He sang in itinerant rock bands, but no-one would give him a recording contract. By 1969 he was broke and disillusioned. His break would take the form of a musical. He was offered a part in Hair, having been invited to audition whilst working as a parking attendant outside the theatre. Shortly afterwards he met Jim Steinman and the road to success really began. Yet the Hair gig was the beginning of an enduring love affair with theatre that is reflected in his singing persona

His first album, the now legendary Bat Out of Hell, was initially rejected by scores of record companies, yet went on to spend a staggering 485 weeks in the UK charts. The whole album is a masterwork of storytelling that Meat Loaf and Steinman worked on for four years and then battled to get heard. Meat Loaf and those who worked on the album - from Todd Rundgren to Ellen Foley - reflect on the songs, and celebrate the alchemy that resulted in such a blistering back catalogue

When Bat Out Of Hell II was finally released 15 years after the first album, it defied industry expectations, with I'd Do Anything for Love reaching number one in 28 countries. It is considered one of the greatest comebacks in music history. More albums and hits were to follow across the '90s and '00s, alongside a varied and successful acting career. Mark Kermode examines some of the roles Meat Loaf made his own, in films as diverse as The Rocky Horror Picture Show and Fight Club.

Having traversed the peaks and troughs of a career spanning the best part of 50 years, this consummate performer finally reveals what spurs him on, in this, the inside story of a bat out of hell who continues to blaze a trail into the hearts and minds of millions

SAT 00:35 ... Sings Musicals (b019ishd)

A delve into the BBC archives for an eclectic mix of performances from musicals from the 60s to the present Featuring the likes of Ella Fitzgerald singing Mack the Knife from the Threepenny Opera, Captain Sensible performing a classic from South Pacific, Jeff Beck going down the yellow brick road of Oz, Jay Z taking on Annie, and all points in between.

SAT 01:35 Ice Dream: Lapland's Snow Show (m0001v0s)

On the edge of the Arctic Circle some of the biggest names in art and architecture - including Zaha Hadid, Anish Kapoor, Yoko Ono, Tatsuo Mihijima and Future Systems - recently gathered to produce an extraordinary collection of artworks made of ice and snow. See ice harvested by chainsaw, flaming vodka coursing through Hadid's ziggurat (and threatening to melt it) and Anish Kapoor get cross as his 'Red Solid' begins to look more like a pink slush puppy. Charlie Luxton investigates.

SAT 02:05 Coast (b07xs2r9)

[Repeat of broadcast at 20:00 today]

SAT 03:05 Monkman & Seagull's Genius Guide to Britain (b0blqs45)

Series 1

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-andpinion narrow gauge steam railway train, which has been ferrying tourists to the top of the peak since 1896.

SUNDAY 19 JANUARY 2020

SUN 19:00 The Women's Football Show (m000dl2h) 2019/20

19/01/2020

Eilidh Barbour presents highlights of the Women's Super League from Birmingham City as they face Manchester City. Also featuring this week are highlights of the big London derby between Arsenal and Chelsea from Boreham Wood, plus all the goals from the rest of the WSL.

SUN 19:30 Secret Knowledge (b01rml7t) Bolsover Castle

Lucy Worsley tells the story of Bolsover Castle in Derbyshire. Built in the early 17th century, it became the pleasure palace of playboy Cavalier and ambitious courtier William Cavendish.

Guiding us on a tour of the castle and its remarkable collection of artworks, Lucy brings to life the spectacular masque held by Cavendish to win the favour of King Charles I.

And from within the walls of this eccentric architectural gem emerges a colourful tale, capturing the tensions of early 17thcentury England that would eventually lead the nation to civil

SUN 20:00 All Aboard! New Zealand by Rail, Sea and Land (m000dl2m)

All Aboard! New Zealand by Rail, Sea and Land takes an epic overland train, boat and car journey through New Zealand's breathtaking landscapes. The voyage beings in Auckland, but the city soon gives way to rolling pastures, volcanic extremes, tranquil waterways, the snowcapped grandeur of the Southern Alps and the beauty of Fiordland.

SUN 22:30 Billy Connolly: Portrait of a Lifetime (p0535lq5) Celebrating Billy Connolly's 75th birthday and 50 years in the business, three Scottish artists - John Byrne, Jack Vettriano and Rachel MacLean - each create a new portrait of the Big Yin. As he sits with each artist, Billy talks about his remarkable life and career, which has taken him from musician and pioneering stand-up to Hollywood star and national treasure.

SUN 23:30 Scotland and the Klan (b07vik0i)

Scotland has exported many great things to the rest of the world, and people like Neil Oliver have often celebrated the disproportionate impact of its ideas and energy on places like America. The role of Scots in shaping the concept of the American Dream is a story often told, but could Scottish settlers have also had a hand in America's racist nightmare?

Neil Oliver travels over 2,000 miles to examine links between racism today in the Deep South and the Scottish settlers that first occupied it. Throughout the 18th century, hundreds of thousands of Scots emigrated to America, and some believe that it was their wariness and moral certainty that significantly shaped the south into an isolated, fearful society that easily took to slave-owning when the opportunity came.

Walter Scott, the creator of a romantic vision of the 'Old Country' is blamed for reinforcing their fantasy world of Georgian gentility. When that world was threatened, the southern states opted for civil war rather than give it up. After the devastating war, attitudes in the south were hardened by defeat and fear of the now-freed slaves. When six Scottish-American former Confederate officers formed a fraternal society, clan turned to Klan.

The oldest and most feared racist hate group in America - the Ku Klux Klan - was born. Now, well over 800 hate groups stalk the United States, and Neil finishes his journey by visiting the Neo-Confederate League of the South. The League advocates a return to a separate southern society run by what they call 'Anglo Celts', and Neil discovers that here Scottishness still abides and that attitudes don't seem to have changed much in the last 200-300 years.

SUN 00:30 Bunkers, Brutalism and Bloodymindedness: Concrete Poetry with Jonathan Meades (b03vrphc)

Two-part documentary in which Jonathan Meades makes the case for 20th-century concrete Brutalist architecture in an homage to a style that he sees a brave, bold and bloody-minded. Tracing its precursors to the once-hated Victorian edifices described as Modern Gothic and before that to the unapologetic baroque visions created by John Vanbrugh, as well as the martial architecture of World War II, Meades celebrates the emergence of the Brutalist spirit in his usual provocative and incisive style. Never pulling his punches, Meades praises a moment in architecture he considers sublime and decries its

SUN 01:30 Carved with Love: The Genius of British Woodwork (b01psbwz)

The Extraordinary Thomas Chippendale

Thomas Chippendale is the most famous furniture designer the world has ever produced, but what about the man behind the chairs? This episode shows how Chippendale worked his way up from humble roots to working for the nobility, but also how he was ruined by the very aristocrats he created such wonders for.

SUN 02:30 Billy Connolly: Portrait of a Lifetime (p0535lq5) [Repeat of broadcast at 22:30 today]

MONDAY 20 JANUARY 2020

MON 19:00 Beyond 100 Days (m000dl1z)

20/01/2020

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

MON 19:30 Francesco's Mediterranean Voyage (b00cjs85) Arrivederci Venezia

Architect and historian Francesco da Mosto embarks on a journey to cross the Mediterranean Sea, retracing the trade routes of his ancestors in a clipper from the 19th century.

But before he leaves his home in Venice, there is research to do for the voyage and new skills to acquire - not least gaining the respect of the crew of the White Swan, with whom he will spend the next few months in cramped quarters and sometimes dangerous situations as he visits the greatest treasures of the

Before he leaves, Francesco visits the Doge's Palace for reminders of the greatest age of Venice, when the city's empire stretched across the Mediterranean, and he marks the Redentore Festival, a fantastic night of Venetian celebrations and

MON 20:00 Caribbean with Simon Reeve (p02lbhhc) Episode 3

Simon begins his journey on the remote Caribbean coast of Nicaragua, travels to the beautiful Honduran island of Roatan and encounters extreme violence on the mainland of Honduras. before finishing his adventure on the iconic island of Jamaica.

Nicaragua is a country on the brink of monumental change. It will soon be split in two by the world's biggest construction project: a new transoceanic waterway set to rival the Panama Canal, Simon visits the Rama-Kriol people who face losing their ancestral homes and, in the nearby town of Bluefields, he meets the city-dwellers who believe the canal will bring longhoped-for prosperity and wealth to the country.

In Honduras, Simon dives into the crystal waters of the world's second-largest barrier reef and conducts an unusual underwater experiment in the dead of night. Back on shore, Simon discovers Hondurans living in the grip of some of the most violent criminal gangs in the world. San Pedro Sula, the country's second city, has the world's highest murder rate.

Simon's journey ends in the stunning Jamaica, where he discovers a country confronting its violent reputation head-on with a police force cracking down on corruption. Here, he spends time with young people who have rejected gang life, offering a model of hope for future generations.

MON 21:00 A Fresh Guide to Florence with Fab 5 Freddy (m0007737)

In this revelatory documentary, hip-hop legend and art lover

Fab 5 Freddy (aka Fred Brathwaite) saddles up to explore 15thcentury Italian renaissance art in 15th-century style - on

Amidst superstar artists such as Michelangelo, Giotto, Ghiberti and Carpaccio, Fab discovers groundbreaking images of a multiracial and multi-ethnic society that have slipped through the cracks of art history.

MON 22:00 The Prosecutors (b071gvs3)

Real Crime and Punishment

The Charge

The Crown Prosecution Service is often under scrutiny for its decision-making. Now for the first time the CPS has allowed cameras in. Filmed over 18 months with prosecutors in Merseyside, Cheshire and the South East, including the director of public prosecutions, Alison Saunders, this groundbreaking series goes behind the scenes to reveal how our criminal justice system really works and what it takes to secure a conviction. Each episode focuses on a different part of the process following prosecutions and those involved in the case from start to finish.

In the first episode the prosecutors must decide how to charge a driver after a child is killed in a collision, with no evidence that he was drunk or speeding or on his phone. Nicky, the mother of the child killed, cannot understand why the driver is not admitting his guilt since his car was on her side of the road. Her reaction as the prosecution develops is unexpected and humbling.

In every serious criminal case, the CPS must decide who to charge and what to charge them with. These crucial decisions lie at the heart of our criminal justice system. A charge must not be unfair to the defendant, but must reflect the gravity of the offence for the victim. If at the end of the process someone is convicted of an offence, the judge sentences within guidelines set according to the charge made by the CPS

After a series of attacks on banks where an organised criminal gang has been blowing up cash machines to steal money, the prosecutors face the challenge of selecting the right charge for a new type of crime. A more conventional bank robbery might be charged as 'burglary commercial premises', but that only carries a ten-year maximum term of imprisonment and the prosecutors feel it does not reflect how the gang is endangering the public.

At a scrutiny panel with the director of public prosecutions, community members challenge a CPS charging decision in a hate crime where a man had posted abusive messages on an extremist website. He was arrested under Section 19 of the Public Order Act, but the CPS charged him with a lesser offence of displaying threatening, abusive or insulting writing, provoking criticism from the panel.

MON 23:00 The Betrayed Girls (b08xdh9r)

Documentary about the child abuse revelations in Rochdale and other towns. Featuring the harrowing testimony of the victims and the shocking truth from those who spoke out, this film reveals how it wasn't just the professionals whose job it was to protect the girls who ignored their plight, but others did as well.

MON 00:30 Art of Scandinavia (b074hh79)

Once Upon a Time in Denmark

In episode two of Andrew Graham-Dixon's epic journey through Scandinavian art and landscape, Denmark emerges from modest beginnings to become one of the greatest powers and arbiters of taste in northern Europe - a story of incredible transformation befitting the homeland of the great fairvtale spinner Hans Christian Andersen, creator of The Ugly Duckling and The Emperor's New Clothes.

MON 01:30 Britain in Focus: A Photographic History (b08k0srb)

Episode 3

In the final episode, Eamonn McCabe traces the story of British photography from the explosion of colour images in the late 1950s to the ongoing impact of the digital revolution.

Eamonn enters the colourful Britain of postcard producer John Hinde, whose postwar experiments with colour photography aptured a new mood of optimism and leisure in the country. He sees how colour snaps began to replace black-and-white prints in the family album as cheaper cameras and new processing techniques allowed ordinary people to record the world around them in colour. Eamonn meets John Bulmer, who broke new ground by using colour for documentary photography in his striking images of the north of England for the Sunday Times colour magazine. And he finds out why Jane

Bown refused to follow the trend by sticking to black and white for her striking portraits of the era's most memorable faces

Eamonn explores how a new, independent movement in photography emerged in the 1970s, fostering talents like Peter Mitchell, who used colour photography to comment on a changing urban Britain. Eamonn sees how this new movement encouraged Fay Godwin to infuse her poetic landscapes with political and environmental concerns, and meets Birminghambased photographer Vanley Burke, whose work chronicled the growing African-Caribbean community in Handsworth. And Eamonn joins one of today's best-known British photographers, Martin Parr, to find out how he has trained a satirical eye on modern society.

Assessing the impact of the 'big bang' of digital photography, Eamonn goes back to his roots as a sports photographer covering boxing in the East End of London. He reflects on how technology has developed from when he started in the 1970s, with manual cameras and rolls of film, to the digital cameras of today. Eamonn then sees how the digital revolution has shaped a new generation of practitioners - in whose hands a thoroughly 21st-century British photography is being created.

MON 02:30 Upstream (m0008z3c)

Upstream is a film by writer Robert Macfarlane and director Rob Petit. The film, which was shot entirely from the air, follows the course of the River Dee in Scotland all the way to its source in the Cairngorm mountains, the highest of any river in Britain. With a prose poem written especially for the film by Macfarlane (voiced by Julie Fowlis) and an original score by the Oscar-nominated composer Hauschka, the film takes as it epigraph the words of the Scottish writer Nan Shepherd (1893-1981): 'One cannot know the rivers till one has seen them at their sources,' wrote Shepherd, 'but this journey to sources is not to be undertaken lightly.' (The Living Mountain, 1977).

Eerie, hypnotic and experimental, this groundbreaking polyphonic film weaves together field recordings of the river, and the birds and creatures which live along it, the place names and stories - dark and light - of the Cairngorms, creating a 'songline' that draws the viewer up, against the flow, into wildness, winter and strangeness.

MON 03:00 A Fresh Guide to Florence with Fab 5 Freddy (m0007737)

[Repeat of broadcast at 21:00 today]

THESDAY 21 IANHARY 2020

TUE 19:00 Beyond 100 Days (m000dl21) Series 1

21/01/2020

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 (b0bmfbrs)

Series 1

Northern Ireland

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' to Northern Ireland celebrates some of the most significant and iconic transportation breakthroughs of the last century. It begins with an encounter with a piece of aviation history that has saved thousands of lives - the ejector seat, designed in Northern Ireland - and ends in Belfast on the deck of 'Titanic's Little Sister', with a host of inquisitive encounters along the way.

Heading west, there is a must-see for anyone with an interest in the cosmos. The Armagh Observatory has been monitoring the night sky and measuring the weather for over two centuries. Here, Monkman and Seagull encounter one of the most important telescopes ever made - the 1885 Grubb ten-inch Refractor, which played a pivotal role in the discovery and cataloguing of thousands of interstellar galaxies.

Passing through the small town of Enniskillen gives Monkman and Seagull the chance to visit a unique railway museum located inside a barber shop. As their journey through Northern Ireland nears its climax. Eric and Bobby arrive at the historic Belfast docks, where they step on board the ship known 'Titanic's little sister'. Built in 1911, The SS Nomadic ferried 274 passengers to the Titanic as it embarked upon its doomed journey and -

somewhat eerily - is now the only remaining White Star Line ship in the world, outliving its tragic big sister. Finally, Monkman and Seagull meet one of the most iconic cars ever to be built in Northern Ireland - the DeLorean - famous for its appearances in the Back to the Future movies. The conversation soon turns to flux capacitors and the existential possibilities of time travel, which Monkman refuses to rule out the possibility of

TUE 20:00 Italy's Invisible Cities (b08cbkvr)

Florence

Using the latest 3D scanning technology, Alexander Armstrong and Dr Michael Scott explore the romantic city of Florence.

They reveal how its wonderful facades and artworks mask a hidden story of intrigue and secrecy, and one powerful dynasty was behind it all - the Medicis, godfathers of the Renaissance. Finally, the scanning team build a virtual reality 3D model to reveal how the city's secret corridors of power were the foundation of its Renaissance glory.

TUE 21:00 Britain's Pompeii: A Village Lost in Time (b07myxws)

Professor Alice Roberts joins the team excavating a 3,000-yearold Bronze Age village in the Cambridgeshire Fens that has been called the British Pompeii.

The village earned its nickname because 3,000 years ago it burned to the ground, and as it burned it fell into the peat, preserving both the houses and their contents. Until its discovery, we had little real idea of what life was like in Bronze Age Britain.

Now we can peek inside our Bronze Age ancestors' homes as archaeologists discover perfectly preserved roundhouses, and the contents inside them - right down to the utensils in their kitchens. These roundhouses were built in a style never seen in the UK before - testimony not only to the villagers' technical skills, but also of their connections to Europe.

The team has made other incredible discoveries on the digfrom Britain's oldest-found wheel, to swords used in battle, and bowls still containing preserved remnants of food. One of the biggest revelations is the discovery of a complete set of the early technology used to produce cloth - a full industrial process we've never seen in Britain before.

This glimpse into domestic life 3,000 years ago is unprecedented, but it also transforms our impressions of Bronze Age Britain - far from being poor and isolated, it seems the villagers were successful large-scale farmers who used their farming surplus to trade with Europe, exchanging their crops for beautiful glass jewellery and multiple metal tools per household.

As part of the dig, the archaeologists also investigate the cause of the fire - was it just a terrible accident, or did the villagers' wealth provoke an attack?

TUE 22:00 The Prosecutors (b0726h15) Real Crime and Punishment

Real Crime and Punishi

The Proof

The Crown Prosecution Service is often under scrutiny for its decision-making. Now for the first time the CPS has allowed cameras in. Filmed over 18 months with prosecutors in Merseyside, Cheshire and the south east, including the director of public prosecutions, Alison Saunders, this groundbreaking series goes behind the scenes to reveal how our criminal justice system really works and what it takes to secure a conviction. Each episode focuses on a different part of the process, following prosecutions and those involved in the case from start to finish.

In this episode the prosecutors deal with two violent domestic murders and the victim of an assault who is unhappy that her attacker has not been prosecuted.

In 2014 the police brought prosecutors over 100,000 cases of violence against women to consider. In a quarter of the cases, the CPS decided a prosecution could not go ahead.

Viv Driver-Hart can't remember the details of the assault against her, but a huge chunk of her hair had been ripped out and she'd been knocked unconscious. Now she's written to the CPS to appeal their decision not to prosecute under a new initiative, the Victims' Right to Review.

Chief crown prosecutor Claire Lindley oversees all prosecution in the Mersey-Cheshire area. The decision not to prosecute Viv's attacker can only be overturned with her approval. But every decision, however difficult, must be based on the

evidence.

Proving that the defendant committed the offence they are charged with is essential to secure a conviction. A jury must be convinced that the prosecution team has produced evidence and presented the case so as to leave them in no doubt of guilt.

Prosecutor Richard Riley deals with two murder cases of women who have been killed by someone they know. In both cases there appears to be overwhelming evidence against the defendants. Police find Paul Fox attempting suicide, with his mother dead downstairs, and a note he's written, 'Warning Dead Bodies'. A witness sees David Hoyle leaving the scene with a knife, where his girlfriend has been stabbed. As the cases develop, it becomes clear that securing a conviction is never straightforward.

TUE 23:00 Dan Cruickshank: At Home with the British (b07d7sdp)

The Flat

If modern Britain lives in a terrace house and loves a cottage, it cannot make its mind up about the high-rise flat. Is the skyscraper a blot on the landscape, or the answer to the national housing crisis?

For Dan Cruickshank, the idea of living high above the city streets really is the future once again. 21st-century London is the site of an extraordinary building boom. Hundreds of residential high-rise towers are being built at record speed, many hugely controversial, as private developers cotton on to what social housing idealists realised 60 years ago.

Dan is in Bow in east London, charting the extraordinary history of one estate - the Lincoln. Designed in 1960 for the London County Council by a young idealistic architect, the 19-storey Lincoln was once the tallest residential building in London. Inside every flat were the latest space-age gadgets - a lift, a shower and a fitted kitchen. But the dream turned sour. The Lincoln became notorious for drugs and violence. There was even a brutal murder. It was the same all over Britain - the flat was a byword for deprivation and social exclusion. But then, just as everything looked lost, the Lincoln was saved and with, perhaps, the hopes of an entire generation for that most precious of things - a home. For Dan, as perhaps for Britain, 'the only way is up'.

$\it TUE$ 00:00 Chinese New Year: The Biggest Celebration on Earth (b071c3nh)

Migration

The first episode, presented by Kate Humble, Jing Lusi and Ant Anstead, follows the weeks leading up to New Year and is based at the Harbin Ice and Snow Festival - an extraordinary sub-zero celebration in China's far north east. It is an ice wonderland, full of people braving the cold, diving into frozen water and enjoying themselves at minus 30 degrees.

The three of them also experience the New Year transport rush and crush in Beijing, following an Anglo-Chinese family back to China, joining the crush at Beijing's West Station and battling through Beijing traffic.

2016 is the year of the monkey, and Kate goes in search of the extremely rare snub-nosed monkeys of Yunnan. She goes on a poo hunt, looking for monkey faeces to test for their health. Jing experiences the spectacular showers of sparks from ancient fireworks made from molten metal by Mr Xue, the last practitioner of this dying craft, whose only protection is a sheepskin coat and a straw hat. Ant finds out how an entire ice city is made from just frozen river water, sculpted to make full-sized buildings that are illuminated beautifully at night.

Meanwhile, the Hairy Bikers Dave and Si join the largest motorbike flotilla on earth as thousands of migrant workers in Guangdong province head for home as New Year approaches it is an extraordinary scene as workers from the city go back to their home villages, often for the only time in a year. The Bikers join the volunteers helping the motorcyclists as they head carefully back home on bikes loaded high with people and presents.

$\it TUE$ 01:00 Big Sky, Big Dreams, Big Art: Made in the USA (b0b618m6)

Series 1

Episode 3

This episode looks at America's most controversial cultural territory - the interstitial America of small towns and trailer parks. As his road trip takes him from Iowa to Tennessee, Waldemar Januszczak discovers how this much maligned territory had an immensely beneficial impact on American art. From the small town brilliance of Grant Wood, to the small town alienation of Edward Hopper, to the spooky Dust Bowl symbolism of Alexandre Hogue, interstitial America inspired

much that was great. The film culminates in the brilliant assemblages of David Smith, the leading sculptor of abstract expressionism.

$\it TUE~02:00~Britain's~Pompeii:~A~Village~Lost~in~Time~(b07myxws)$

[Repeat of broadcast at 21:00 today]

TUE 03:00 Italy's Invisible Cities (b08cbkvr) [Repeat of broadcast at 20:00 today]

WEDNESDAY 22 JANUARY 2020

WED **19:00 Beyond 100 Days (m000dl23)** Series 1

22/01/2020

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 (b088syhb) Series 2

Portable Record Player

Back in the 1950s listening to music meant sitting around with your mum and dad and having to listen to whatever drivel they wanted, but thankfully along came the portable record player, which helped gave birth to the teenager and a magical music revolution.

James May reassembles the past to hear what it sounded like as he pieces together the 195 parts of the game-changing 1963 Dansette Bermuda portable record player.

James reminisces about his teenage years and what it was like growing up in the 1970s as he takes us on a journey through sound and mechanical wonderment. James falls in love with the beautiful mechanisms that lie in the belly of the beast, finds the perfect solution to his soldering dilemma and has a rather exciting new screwdriver to show us.

WED 20:00 Earth's Great Rivers (b0bwqpbj) Series 1

Mississippi

It is an unexpected and contrasting journey through America's iconic and varied landscapes as the Mississippi flows from source to mouth. The Mississippi's greatest surprise is its incredible reach. Its fingers stretch into nearly half of the USA, collecting water from 31 states. More than any other, this one river has helped unite the many and varied parts of America. The Mississippi's longest tributary begins life in the depths of winter, in the towering Rocky Mountains of Wyoming and Montana. Billions of tonnes of water, ultimately destined to flow south are trapped as ice and snow. Here, its headwaters are a draw for the world's top ice climbers, who celebrate winter with daring climbs up towering frozen waterfalls - surely the most dangerous and spectacular winter faces of the ice-bound Mississippi.

In this frozen wilderness, a handful of tenacious coyotes have learned to fish, in one remarkable Mississippi headwater kept flowing by the steaming gevsers of Yellowstone National Park. In the bone-chilling water, the coyotes stand stock still for hours, risking severe hypothermia in the hope of pouncing on a fish. Spring in the Upper Mississippi in Minnesota, arrives on the wings of tens of thousands of white pelicans who bring the river to life. Both comical and beautiful, their crowded flotillas put on balletic, synchronised fishing displays. On the other side of the continent in crystal-clear Appalachian Mountain streams, some devious parents employ the creepiest childcare strategy on earth. Freshwater mussels produce bizarre growths which mimic small fish. These lifelike lures even have false eyes and dance, imitating real fish. Their purpose is to act as living bait, tricking larger predatory fish into attacking them. Once bitten, a cloud of blood-sucking baby mussels clamp onto the unwitting fish's gills. After several weeks of feeding on their victim's body fluids, they drop off and disperse. These sneaky mussels provide their babies with food and transport to different parts of the river. It is a macabre underwater puppet show, made all the more weird as the puppet master (the parent mussel) is blind and has no idea what a fish looks like.

But the spring thaw also means extra work for busy beavers - safe in their cosy lodges all winter, they must now venture out to repair the damage that the rushing meltwater has done to their precious dams. As the river flows south through the central US, it becomes a vital transport link. Special cameras take us on a time-travelling journey down the busiest section of the river. A gigantic boat zooms hundreds of miles downriver in

seconds, flashing through night and day. This is the industrial heart of the river. Even here, the river still hosts incredible wildlife spectacles. Each Independence Day, millions of mayflies gather in swarms so large they can be seen on weather radar.

As it flows into the south, it spreads and slows, feeding the largest swamp in the US - the fertile, mysterious Atchafalaya. Over 2,000 square miles of wetlands, where alligators still rule. This is one of the richest and most diverse wilderness regions of the states, - a melting pot where racoons and beavers mix with tropical specialties like roseate spoonbills and emerald-green anole lizards. These back waters are the fabled spirit of the Mississippi made famous by Mark Twain and the Blues. As the massive river nears the ocean, it passes cities that have grown up along its banks - like New Orleans. Here 60 miles of docks make it the largest port in the western hemisphere where goods brought down the Mississippi are transferred to huge ocean going ships.

At the end of its 3,500-mile journey, the Mississippi eventually creates one of the biggest river deltas on the planet. But today this delta is under threat. Damming and controls along the river's length are preventing the Mississippi's natural flood cycles - it can no longer replace land that the ocean washes away. This remarkable delta is home to millions of migrant birds and protects vast areas inland from hurricane surges. Its preservation is key to both the people and the wildlife here. The delta is a landscape built by the river from cornfields in Iowa, mountaisides in the Rockies and sediment from Tennessee streams - all collected and deposited by one huge river which unites and defines one great nation.

WED 21:00 The Truth About... (b09qjl7d) Getting Fit

By the middle of January many people struggle to keep up their resolutions to be more active. The result is that the UK wastes nearly £600 million a year on unused gym memberships.

But new science has the answers.

Medical journalist Michael Mosley teams up with scientists whose latest research is turning common knowledge about fitness on its head

They reveal why 10,000 steps is just a marketing ploy and that two minutes of exercise is all a person needs each week. They discover how to get people to stick to their fitness plans and what exercise can actually make everyone more intelligent. Whether it is for couch potatoes who hate the thought of exercise, someone too busy to consider the gym, or even for fitness fanatics who are desperate to do more - science can help everyone exercise better.

WED 22:00 The Prosecutors (b072wyvj)

Real Crime and Punishment

The Trial

The Crown Prosecution Service is often under scrutiny for its decision-making. Now for the first time the CPS has allowed cameras in. Filmed over 18 months with prosecutors in Merseyside, Cheshire and the South East, including the director of public prosecutions, Alison Saunders, this groundbreaking series goes behind the scenes to reveal how our criminal justice system really works and what it takes to secure a conviction. Each episode focuses on a different part of the process, following prosecutions and those involved in the case from start to finish.

In the final episode, prosecutors in the Complex Casework units of CPS Mersey-Cheshire and CPS South-East are preparing for trials in separate historic cases.

In 1993, a few days after her 16th birthday, Claire Tiltman was murdered in an alleyway. Since Colin Ash-Smith admitted to other knife attacks in the same area, he has been the main suspect for the crime. In 1996 he was sentenced to life imprisonment for those offences. But without direct evidence, he was not charged with the murder of Claire Tiltman.

Claire's parents died before seeing her killer brought to justice and a group of her school friends took up the campaign to keep the case in the public eye. Now, using a change in the law which might allow the jury to know about Ash-Smith's other attacks and the similarities between them, prosecutor Nigel Pilkington is trying to build a circumstantial case against Colin Ash-Smith.

In Mersey-Cheshire, a non-recent sex abuse case is being prepared for trial. Keith Cavendish Coulson is facing 42 counts of indecent assault on boys in the 1970s and 80s. He says they're lying and that it never happened. The CPS's handling of non-recent sex abuse cases is often highly controversial and Alison Saunders, the director of public prosecutions, is involved in overseeing the case.

Cases committed a long time ago are charged and sentenced according to the law at the time. As Cavendish Coulson's offences were in the 1970s and 80s, they can only charge him under the old law of 1956. Historic cases also present challenges, as the memories of witnesses might have faded and evidence might no longer be available. But moving testimony from Cavendish Coulson's accusers suggests they have far from forgotten these offences.

WED 23:00 Treasures of Ancient Egypt (p01mv1kj) A New Dawn

Alastair Sooke concludes the epic story of Egyptian art by looking at how, despite political decline, the final era of the Egyptian Empire saw its art enjoy revival and rebirth. From the colossal statues of Rameses II that proclaimed the pharaoh's power to the final flourishes under Queen Cleopatra, Sooke discovers that the subsequent invasions by foreign rulers, from the Nubians and Alexander the Great to the Romans, produced a new hybrid art full of surprise. He also unearths a seam of astonishing satirical work, produced by ordinary men, that continues to inspire Egypt's graffiti artists today.

WED 00:00 Chinese New Year: The Biggest Celebration on Earth (b071c4dn)

Reunion

The Hairy Bikers Dave Myers and Si King take us to New Year's Eve in Beijing, following an extraordinary day in China's capital city. They experience life in the mega-city on this special day, from preparations at the bell tower, which can only ever ring on the stroke of midnight on New Year's Eve, to a Beijing family, the Zhangs, who are getting ready for the biggest family get-together of the year. The whole city comes to a halt as everyone gathers round dinner tables to tuck into the traditional reunion dinner.

Jing Lusi goes behind the scenes at what some call the world's most popular television show - CCTV's Chunwan Gala, watched by 800 million viewers. For the performers, this is a make-orbreak opportunity. Kate Humble takes part in a huge flower auction in the warmer Yunnan province as bales of flowers - mostly lucky red roses - are sold to hit the shops in time for new year. Ant Anstead discovers how the spirit baijiu is made in 450-year-old pits and learns the subtle etiquette that surrounds its drinking.

WED 01:00 Carved with Love: The Genius of British Woodwork (b01q6xrv)

The Divine Craft of Carpentry

This series about the history of British woodworking concludes by looking at the Middle Ages, a golden era. Sponsored by the monarchy and the church, carvers and carpenters created wonders that still astound us today, from the magnificent roof of Westminster Hall to the Coronation Chair, last used by Elizabeth II but created 700 years ago. The film also shows how this precious legacy was nearly destroyed during the fires of the Reformation.

WED 02:00 Robert Rauschenberg - Pop Art Pioneer (b085k35h)

Alastair Sooke celebrates the protean genius of one of America's most prolific and original artists, Robert Rauschenberg. Fearless and influential, he blazed a trail for artists in the second half of the 20th century, and yet his work is rarely seen here in the UK.

Rauschenberg was the first artist to win the Golden Lion at the Venice Biennale in 1964, creating a crucial bridge between the abstract expressionists of the 50s and the pop artists who emerged in the 60s.

Famous for his 'combines' that elevated the rich junk of life to the status of high art, he continued to work right up to his death in 2008, collaborating with dancers, scientists and social activists on a startlingly broad array of projects.

Alastair travels to the east coast of the USA to talk to those closest to Rauschenberg to reveal the boundless curiosity and restless experimentation that kept him engaged till the very end of his six-decade career.

WED 03:00 Earth's Great Rivers (b0bwqpbj)

[Repeat of broadcast at 20:00 today]

THURSDAY 23 JANUARY 2020

THU 19:00 Beyond 100 Days (m000dl1x) Series 1

23/01/2020

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

THU 19:30 Turtle, Eagle, Cheetah: A Slow Odyssey (m0001kxf)

A Slow Odyssey: A Cheetah's Hunt

Join three young, orphaned cheetah siblings as they set out across the savannah in Namibia in search of prey. The orphaned cats are being reintroduced into the wilds of Namibia, and specially designed on-board cameras are being used to monitor their progress.

The summer rains have turned the land into a verdant scene, unleashing new sounds, sights and smells for the young cats to experience. As they move through the acacia woodland, thorny scrub and open grassy plains, they encounter herds of gemsbok and zebra and the occasional warthog. These are encounters that will test the young cheetah's hunting skills.

At this age, the siblings are still learning the ropes and are curious about everything they come across. The siblings pursue zebra and chase a warthog, but both are more than a match for them. Undeterred, the siblings continue on their journey, next testing their prowess on a herd of gemsbok that immediately turn the tables and chase the cheetah.

THU **20:00 The Great British Year (p01dfl7j)** Original Series

Summer

Whilst the human population of Britain kicks back, summer is boom time for the animals. More sun means more food, but animals are arriving from afar to share, and competition is high. Hunters time their arrival from Africa to feast on the huge glut of flying insects, hobbies race after dragonflies, and thermal cameras reveal nightjars on a Dorset heath. Will the weather hold? One day harmful UV rays force sea urchins to cover up, the next sees thunderstorms bring out hordes of hungry snails.

THU 21:00 Concorde: A Supersonic Story (b097tvt3)

The life of the most glamorous plane ever built, told by the people whose lives she touched. We uncover rare footage telling the forgotten row between the French and British governments over the name of Concorde that threatened to derail the whole project. On the eve of the opening of Bristol's multi-million-pound aerospace museum, a cast of engineers, flight technicians and frequent fliers tell the supersonic story aided by Lord Heseltine and Dame Joan Collins - and we meet the passenger who shared an intimate moment with The Rolling Stones.

Narrated by Sophie Okonedo.

THU 22:00 Wonders of the Universe (b00zm833) Stardust

In the second stop in his exploration of the wonders of the universe, Professor Brian Cox goes in search of humanity's very essence to answer the biggest questions of all: what are we? And where do we come from? This film is the story of matter - the stuff of which we are all made.

Brian reveals how our origins are entwined with the life cycle of the stars. But he begins his journey here on Earth. In Nepal, he observes a Hindu cremation. Hindu philosophy is based on an eternal cycle of creation and destruction, where the physical elements of the body are recycled on to the next stage. Brian draws a parallel with the life cycle of the stars that led to our own creation.

Next, he explains how the Earth's resources have been recycled through the ages. How every atom that makes up everything we see was at some time a part of something else. Our world is made up of just 92 elements, and these same 92 elements are found throughout the entire universe. We are part of the universe because we are made of the same stuff as the universe.

$\it THU~23:00~Storyville~(b07176xr)$

Decadence and Downfall: The Shah of Iran's Ultimate Party

In 1971, the Shah of Iran, the self-proclaimed 'king of kings', celebrated 2,500 years of the Persian monarchy by throwing the greatest party in history. Money was no object - a lavish tent city, using 37km of silk, was erected in a specially created oasis. The world's top restaurant at the time, Maxim's, closed its doors for two weeks to cater the event, a five-course banquet served to over sixty of the world's kings, queens and presidents, and washed down with some of the rarest wines known to man.

Over a decadent five-day period, guests were treated to a pageant of thousands of soldiers dressed in ancient Persian costume, a 'son et lumiere' at the foot of Darius the Great's temple, and the opening of the Azadi Tower in Tehran,

designed to honour the Shah himself.

Every party leaves a few hangovers. This one left a country reeling, never to recover. It crystallised the opposition, led by the Ayatollah Khomeini. More than any other event, this party marked the break between the king of kings and the people of Iran he reigned over.

$\it THU$ 00:15 Chinese New Year: The Biggest Celebration on Earth (b071c4qc)

Celebration

Kate Humble and Ant Anstead present the final programme from Hong Kong, looking at what happens right after New Year. This great port city is a strange mix of ultra-modern and traditional. Kate trains with a top dragon-dancing troupe and discovers that not only is it a highly demanding kung fu-based art, it is also taken very seriously as Hong Kong people sincerely embrace the tradition of lucky lions and dragons at

Meanwhile, the Hairy Bikers are in Beijing at the Temple Fair, where they explore a tradition from imperial China of the emperor starting the new year by renewing his mandate of heaven.

Ant heads to China's frozen north east to Chagan Lake to discover the ancient art of fishing beneath the thick frozen surface. It is an extraordinary scene as the fishermen use centuries-old techniques to catch fish, a key part of any New Year's banquet.

The culmination of the series is all about fireworks. Their loud bangs are believed to ward off evil spirits at this time of year. Ant goes to Liuyang, the city that produces nearly all of China's fireworks and many of those used in displays in British skies too. They even have a temple here to the inventor of fireworks, where workers still pay homage to the monk Li Tian, who started it all. And back in Hong Kong, we experience one of the most extraordinary fireworks displays on the planet as millions of Hong Kong dollars' worth go off in a blaze of light and colour over the famous harbour.

THU 01:15 Bought with Love: The Secret History of British Art Collections (b037nhb9)

The Age of the Individual

Helen Rosslyn explores how collecting reached its maturity in the 19th century when unprecedented wealth from Britain's booming economy encouraged enlightened, philanthropic industrialists to spend their fortunes on art, and in many cases then donate their collections to the nation.

With different taste from the British aristocracy who had dominated collecting to this point, a new breed of art buyer enriched Britain's cultural story by acquiring adventurous and often avant-garde work. Helen looks at the influence of pharmaceutical magnate Thomas Holloway, the Rothschild banking dynasty and the Welsh Davies sisters.

THU 02:15 A History of Art in Three Colours (b01lcz2s)

Dr James Fox explores how, in the hands of artists, the colours gold, blue and white have stirred emotions, changed behaviour and even altered the course of history.

When, in the Middle Ages, the precious blue stone lapis lazuli arrived in Europe from the east, blue became the most exotic and mysterious of colours. And it was artists who used it to offer us tantalising glimpses of other worlds beyond our own.

FRIDAY 24 JANUARY 2020

FRI 19:00 World News Today (m000dl2b)

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 (m000dl2d)

Simon Mayo and Steve Wright present the pop chart programme, first broadcast on 2 February 1989 and featuring Holly Johnson, Roy Orbison, Robert Howard and Kym Mazelle, Sheena Easton, Michael Ball, Yazz, Hue and Cry, Samantha Fox, Simply Red, Roachford, Marc Almond and Gene Pitney, and Bobby Brown.

FRI 20:00 Sound of Musicals with Neil Brand (b088t0kj) Something's Coming

Neil Brand explores how a new generation of composers transformed musical theatre by embracing more gritty, challenging subjects, from the mean streets of 1950s New York in West Side Story, to the Dickensian London of British blockbuster Oliver!. Neil learns the stories behind Broadway hits Fiddler on the Roof and A Chorus Line, and celebrates the groundbreaking work of Stephen Sondheim. And Neil takes us step by step through the secrets of some classic numbers with the help of star performers Robert Lindsay and Frances Ruffelle.

FRI 21:00 Top of the Pops (m000dl2j)

Mike Read and Sybil Ruscoe present the pop chart programme, first broadcast on 9 February 1989 and featuring Samantha Fox, Rick Astley, Yazz, Hue and Cry, Def Leppard, Poison, Texas, Michael Ball, Bobby Brown, Morrissey, Marc Almond and Gene Pitney, and Mike and the Mechanics.

FRI 21:30 Stewart Copeland's Adventures in Music (m000dl2n)

Series 1

Episode 2

Stewart Copeland continues his mission to understand how music works by exploring its extraordinary power to tell stories.

His journey includes meetings with film director Francis Ford Coppola, who explains how simple musical devices transformed the most famous scenes in The Godfather and Apocalypse Now, his old friend Sting, who describes the secrets of his songwriting process, rapper Talib Kweli, who looks at the power of music in protest, and the French-Cuban Ibeyi sisters, who show how music has kept the Yoruban tradition alive. Finally, he meets the man who composed one of the shortest but most effective musical stories ever written - the Intel bongs!

FRI 22:30 Boy George's 1970s: Save Me from Suburbia (b07z7y5v)

British popstar Boy George recalls, revisits and assesses how the 1970s moulded the person and artist he has become. This is his musical, social and sexual coming of age, when he discovered the power of his own sexuality before setting about turning that persona into a popstar. Set against a backdrop of social discord, disenfranchisement and sexual repression, the 70s was also conversely the decade that revelled in colour and creative chaos, giving the world glam rock, disco and punk, and the young George O'Dowd was at the birth of them all. The documentary includes contributions from contemporaries like Martin Degville (Sigue Sigue Sputnik), Andy Polaris (Animal Nightlife), DJ Princess Julia and popstar Marilyn.

Boy George says: I think of the 70s as being this glorious decade where I discovered who I was and discovered all these amazing things - punk rock, electro music, fashion, all of that. And yeah of course there was that dark side to the 70s, the rubbish, the strikes, the poverty, and I'd get chased and confronted for the way I looked. But I was a teenager. I didn't have any time for misery. I was just having a great time with my friende.

FRI 23:30 Reginald D Hunter's Songs of the South (p02j94nr)

Tennessee and Kentucky

In the first of a three-part road trip, Georgia-born but Londonbased Reginald D Hunter returns home to explore the American south both past and present through its world-famous songs. Reg begins by exploring the sounds of Kentucky and Tennessee and the disturbing tradition of blackface minstrelsy.

Hunter is led through the south by its signature songs, including Dolly Parton's My Tennessee Mountain Home, Knoxville Girl, Blue Moon of Kentucky, Chattanooga Choo Choo and minstrel songs such as My Ol' Kentucky Home and Old Folks at Home.

On his voyage Reg visits Dollywood, a slave plantation in Bardstown, Nashville - the home of country music, a moonshine distillery in Gatlinburg and a string band festival in Mount Airy.

Featuring Dolly Parton, The Handsome Family and Del McCoury.

FRI 00:30 The Story Of... (m00030wt)

Series 1

Gloria Gaynor's I Will Survive

Documentary series uncovering the stories behind famous songs. An in-depth look at Gloria Gaynor's disco hit and, for many, the ultimate soundtrack to breakups, I Will Survive. Participants include Gloria Gaynor herself and the song's co-composer and Ivricist. Dino Fekaris.

FRI 01:25 Stewart Copeland's Adventures in Music

(m000dl2n)

[Repeat of broadcast at 21:30 today]

FRI 02:25 Sound of Musicals with Neil Brand (b088t0kj) [Repeat of broadcast at 20:00 today]

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