

This week's Science TV&Radio

28th September 2015

- ☆☆☆ Perhaps
- ★★☆ Should be good
- ★★★ Don't miss it

General Science

Biology

Chemistry

Physics

Computer Science

Mathematics

 @ScienceTVRadio

 www.scienceteachinglibrary.co.uk

 **Natural History Heroes** ★☆☆

Monday - Friday 13:45 - BBC Radio 4

Scientists select and discuss their heroes in the field of Natural History - this week the subjects are Sir Hans Sloane whose collections started the Natural History museum, the anatomist Edward Tyson, Dorothea Bate the first female scientist employed by the museum, ornithologist Allan Octavian Hume and the botanist Alice Eastwood.



<http://bbc.in/1VkfBw>

 **Discovery** ★★★

Monday 19:32 - BBC World Service

The Infinite Monkey Cage USA Tour
In the first of four specials, Professor Brian Cox and comedian Robin Ince take to the stage in New York, to ask the question: is science a force for good or evil? They are joined on stage by Bill Nye the Science Guy, cosmologist Janna Levin, actor Tim Daly and comedian Lisa Lampanelli.



<http://bbc.in/1LVWeMY>

 **Countdown to Life** ★★★

Monday 21:00 - BBC Two

Final of a three part series in which Michael Mosley tells the story of the final weeks in the womb - cartilage hardens to form the skeleton and in the brain 100 billion new connections each day are laying the foundations for memory leading onto the critical moment of the first breath and the beginning of a new life.



<http://bbc.in/1Jxt44Z>

 **Science Cafe** ★★★

Tuesday 18:30 - BBC Radio Wales

A slice of Welsh science and technology from Adam Walton.
Repeated Sunday 6.30am
Last week's episode is still available on iPlayer and the podcast and is about the Unknown Walse conference which highlights Welsh natural history.



<http://bbc.in/1LqFMbF>

 **Costing the Earth** ★☆☆

Tuesday 15:30 and Wednesday 21:00 - BBC Radio 4

What is the impact of removing lawns and gardens and replacing them with patios and concrete parking bays. City gardens are being removed and this affects the wildlife that exists in the non-rural locations in the the UK.



<http://bbc.in/1iDplrv>

 **Horizon - The Age of Big Data** ★☆☆

Wednesday 22:00 - BBC Four

The people at the forefront of the big data revolution explain how crime can be predicted, making billions on the stock exchange, and how to map and catalogue the entire universe.



<http://bbc.in/1VhBUjx>

 **Forgotten Female Fossilists** ★★★

Wednesday - Friday 14:15 - BBC Radio 4 Extra

Rebecca Stott profiles three women whose fossil collections led to new discoveries about natural history. Margaret, Duchess of Portland, Mary Anning and Anna Thynne.



<http://bbc.in/1VhB5XN>

 **Woolly Mammoth** ★☆☆

Wednesday 23:00 - BBC Two

Professor Alice Roberts reveals the science behind the investigation into the extinct mammoths. Genetic, chemical and molecular tests show how these wonderous animals were able to live in the tropics and evolve to survive the freezing habitat of Siberia.



<http://bbc.in/1LW1q3f>

 **Inside Science** ★★★

Thursday 16:30 and 21:00 - BBC Radio 4

The BBC's flagship science series that reports on what is happening in the world of science and technology. Dr Adam Rutherford is at the Write on Kew festival and examines the global challenges of climate change and solutions to save the biodiversity on Earth.
Also available on podcast.



<http://bbc.in/1LVZ0BK>

 **World's Weirdest Events** ★☆☆

Thursday 20:00 - BBC Two

Chris Packham shows how deadly frogs can save lives, the psychological reasons for pareidolia - seeing faces in objects, and spontaneous combustion.



<http://bbc.in/1LqHtps>

 **Oak Tree: Nature's Greatest Survivor** ★★★

Thursday 21:00 - BBC Four

Professor George McGavin investigates the highly varied and dramatic life of oak tree. This film aims to give viewers a sense of what an extraordinary species the oak is and provide an insight into how this venerable tree experiences life.



<http://bbc.in/1LW0ZWW>

Notable omissions

Weekdays at 15:45 - BBC Two
Africa
David Attenborough's series of natural history programmes continue.

Weekdays at 23:30 - BBC Radio 4
Digital Human - Altruism, Dark, Tales, Maps, Nostalgia
Aleks Krotoski explores how our digital world affects our behaviour and culture.

Saturday at 05:00 - BBC Radio 5
Five Live Science
Naked Scientists Chris Smith and Kat Arney present the science news show with a difference.

Saturday at 12:30, 15:30 etc - BBC News Channel
Click
Latest gadgets, websites, games and computer industry news.

Saturday at 22:06 - BBC World Service
The Science Hour
Science news and highlights of the week.

 **Afterlife: The Strange Science of Decay** ★☆☆

Thursday 22:00 - BBC Four

Dr George McGavin and his team use time-lapse cameras and specialist photography to capture the extraordinary way in which moulds, microbes and insects are able to break down our everyday things and allow new life to emerge from old.



<http://bbc.in/1f9Wix0>

 **Inside the Elephant Mind** ★★★

Friday 6:30, 13:30 and 20:30 - BBC Radio 4 Extra

Using speakers to project elephant calls scientists are probing the sophistication of elephant memory and pachyderm numerical skills. They are also testing whether elephants can distinguish between different human languages. Anecdotes suggest they can.



<http://bbc.in/1VhBqJZ>

 **TED Radio Hour** ★☆☆

Sunday 11:10, 19:00 - BBC Radio 4 Extra

Guy Raz discusses our complicated relationship with animals which we fear, hunt, consume and protect.



<http://bbc.in/1iDrml>