

Title & Category My Genome Sequence | Natural Science, Life Science & Technology

Directors Michael Cash

Produced by Great Ormond Street Hospital & UCL Institute of Child Health

Running Time 02:27 Minutes

Country & Year United Kingdom | 2017

Age Guideline: Secondary School (12 - 16)

This explanatory video was aimed at 11 to 16-year-old patients of Great Ormond Street Hospital to explain the concept behind genome sequencing and what this would practically involve for them. At the heart of the story is a girl. The film shows her and her family's experience of having her genome sequenced and interpreted in order to help doctors diagnose her condition and decide on the best treatment. The voice-over was carried out by a young patient at Great Ormond Street Hospital whose own genome had been sequenced as part of the 100,000 Genomes Project. The film was developed as part of a research project supported by the Great Ormond Street Hospital Children's Charity.

Title & Category Hong Kong - Urban Visions | Ecology & Environment

Directors Carmen Meyer

Produced by Deutsche Welle, HA Wirtschaft / Wissenschaft

Running Time 26:00 Minutes

Country & Year Hong Kong | 2017

Age Guideline: Secondary School (12 - 16)

Hong Kong is one of the most expensive cities in the world. Internet entrepreneur Fridtjof Detzner wants to see how these high housing costs affect residents and young creative people. He discusses future solutions for ever faster growing cities with architect Vicky Chan. In search of visionary answers to global issues, he meets other young start-up entrepreneurs who offer innovative solutions, such as cloud-based waste management systems, evolutionary materials against littered oceans and insect oil in the fight against palm oil plantations. Detzner seeks and compares possibilities, problems and solutions.

Title & Category What Makes Science True? | Natural Science, Life Science & Technology

Directors Dakin Henderson and Kelly Thomson

Produced by The Laura and John Arnold Foundation

Running Time 15:00 Minutes

Country & Year USA | 2016/17

Age Guideline: Secondary School (12 - 16)

What makes science reliable? The ability to reproduce the results of an experiment, known as reproducibility, is one of the hallmarks of a valid scientific finding. But science is facing what many consider a reproducibility crisis, and the stakes are high. Many scientific claims cannot be replicated, and many clinical trials fail as a result. This 15-minute video examines the reproducibility crisis and reports on the outcome of five experiments designed to test the reproducibility of cancer biology studies.

Title & Category India - The Climate Challenge | Ecology & Environment

Directors Christian Roman

Produced by Deutsche Welle, HA Wirtschaft / Wissenschaft

Running Time 26:00 Minutes

Country & Year Indonesia | 2017

Age Guideline: Secondary School (12 - 16)

India is already suffering from climate change today. A growing number of entrepreneurs want to fight it before it's too late. This film about the fight against rapid climate change is part of a ten-part series called "Founders' Valley". It accompanies Fridtjof Detzner, awarded the German Founder Award in 2015, to eight Asian countries. "Founders' Valley" shows what drives entrepreneurs in Asia and what obstacles they overcome to realize their dream of owning a business in a digitalized and globalized world.