

CAREERS THROUGH MATHS: VIDEO EDITOR



Video Editors use mathematics to solve complex problems and drive innovation. (Image Source: Unsplash)

JOB OVERVIEW

A Video Editor is a creative professional responsible for assembling recorded raw material into a finished, coherent product suitable for broadcasting across various platforms. Their daily work involves collaborating with directors and producers to realise a creative vision, which requires a meticulous and technically proficient approach. A typical day might involve editing a promotional video for a British high-street brand, a documentary for the BBC, or social media content for a UK-based influencer or company. The work environment is often a fast-paced edit suite, either within a post-production house like The Mill or Framestore in London, or remotely as a freelancer for clients across the UK.

KEY MATHS APPLICATIONS

Primary Areas:

- **Temporal Mathematics and Rhythm:** The foundation of editing is timing. Editors use fractions, ratios, and arithmetic to calculate the exact duration of shots and sequences.
- **Spatial Mathematics and Geometry:** This involves the composition and movement of visual elements within the frame. Editors use coordinate geometry to position text, graphics, and overlays...
- **Colour Science and Algebra:** Colour grading is a mathematical process. Editors work in colour spaces like Rec. 709 (standard for HD) and Rec. 2020 (for UHD) and manipulate RGB (Red, Green,...

ESSENTIAL SKILLS & TOOLS

SKILL	APPLICATION
Colour Grading Software (e.g., DaVinci Resolve)	This software provides deep mathematical control over colour.
Scripting & Automation (e.g., Python, Adobe ExtendScript)	Used for automating repetitive, mathematically-intensive tasks.
Client & Collaboration Platforms (e.g., Frame.io, Wipster)	Editors present their work and receive timecode-specific feedback from clients and...

TYPICAL PATHWAY

A strong foundation in Maths and a creative subject like Media Studies or Art at GCSE and A-Level is highly beneficial. Many Video Editors complete a university degree, such as a BA (Hons) in Film and Television Production from institutions like Bournemouth University, the...

REAL-WORLD IMPACT

Video Editors are at the heart of the UK's world-renowned creative sector. They bring to life the content that entertains and informs millions, from BAFTA-winning dramas like The Crown to groundbreaking natural history series from the...

INDUSTRY DEMAND

The UK's creative industries are a major economic driver, with the film and TV sector alone contributing billions to the economy. Demand for Video Editors remains strong, driven by the boom in streaming services (Netflix, Disney+ producing...

QUICK FACTS

- **Education:** t level, such as the -23 LUFS standard required for UK broadcast telev
- **Growth:** The UK's creative industries are a major economic driver, with the film and TV sector alone contributing billions to the economy. Demand for Video Editors remains strong, drive...