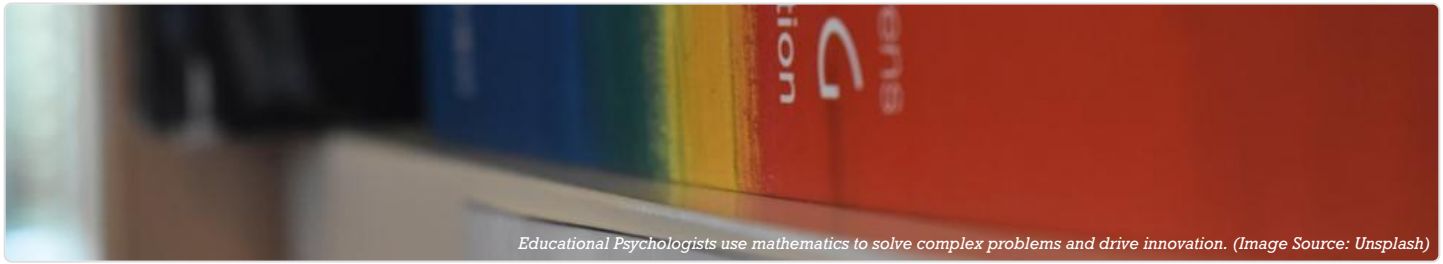


CAREERS THROUGH MATHS: EDUCATIONAL PSYCHOLOGIST



JOB OVERVIEW

An Educational Psychologist (EP) applies psychological theory and methods to support the learning, development, and emotional well-being of children and young people aged 0-25. Their daily work is highly varied, involving direct assessment of individuals, consultation with teachers, parents, and other professionals, and the design and implementation of intervention strategies. A typical week might involve observing a child with suspected autism in a primary school classroom, consulting with a secondary school's senior leadership team on their whole-school behaviour policy, and running a therapeutic group for teenagers experiencing anxiety. The majority of EPs in the UK are employed by local authorities, but a growing number work in private practice or for multi-academy trusts.

KEY MATHS APPLICATIONS

Primary Areas:

- **Psychometrics and Standardised Testing:** This is the most direct application of mathematics in educational psychology. EPs administer tests with known statistical properties, such as the Wechsler...
- **Statistics and Data Analysis:** EPs use statistical methods to analyse data at both individual and systems levels. They calculate descriptive statistics (mean, median, mode, range, standard...
- **Probability and Predictive Modelling:** Understanding probability is key to interpreting assessment results and forecasting outcomes. EPs use concepts like base rates to understand how common a...

ESSENTIAL SKILLS & TOOLS

SKILL	APPLICATION
Research Databases (British Education Index, PsycINFO)	While not mathematical tools per se, proficiency in navigating these UK-focused databases...
Consultation and Problem-Analysis Frameworks	These structured frameworks help EPs and school staff collaboratively define a problem.
Communication and Visualisation Tools	EPs must translate complex statistical findings into accessible information for...

TYPICAL PATHWAY

The pathway to becoming an Educational Psychologist in the UK is a graduate one. It begins with obtaining Graduate Basis for Chartered Membership (GBC) with the British Psychological Society (BPS), typically through a BPS-accredited undergraduate degree in psychology.

INDUSTRY DEMAND

Demand for Educational Psychologists in the UK remains consistently high, driven by legislative frameworks like the SEND Code of Practice (2015) which emphasises evidence-based assessment and provision.

REAL-WORLD IMPACT

Educational Psychologists make a profound contribution to UK society by ensuring that children and young people with diverse learning needs receive the support they require to thrive.

QUICK FACTS

- **Education:** t level of need
- **Growth:** Demand for Educational Psychologists in the UK remains consistently high, driven by legislative frameworks like the SEND Code of Practice (2015) which emphasises evidence-based...