

TONY GARDINER

Tony has spent his whole career seeking to bridge the gulf between school and university mathematics. His first job was in East Africa. From 1979-1989 he was closely involved with SMP 11-16. And in the late 1980s he was a major player in establishing the national pyramid of Challenges, Olympiads, and summer schools - helping to establish the UKMT (<http://www.ukmt.org.uk/>) which took these over from 1996. In addition to his research (in finite and infinite groups, algebraic graph theory, number theory, history, philosophy, mathematics education, etc), he has published 15 or so books which address elementary mathematics from a higher viewpoint - most recently the series "Extension mathematics" (Oxford 2007).

He also works extensively to influence policy in mathematics education. In particular, he has been a longstanding advocate of the need for mathematics teaching to lay strong foundations - especially for those with a bent for mathematics: that is, the need for students to achieve a greater depth of understanding before progressing to more advanced material.

He is a past President of the Mathematical Association, and a recipient of the Paul Erdos Award (1995)."