
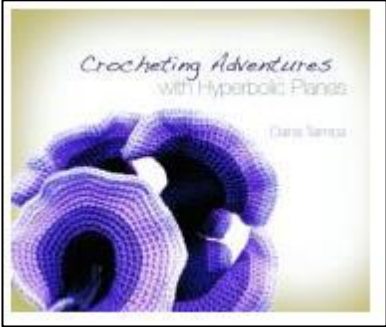
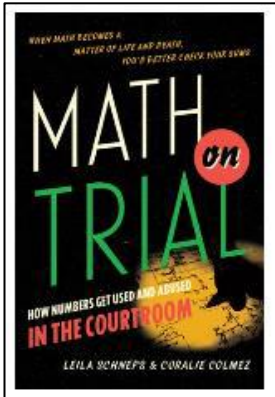
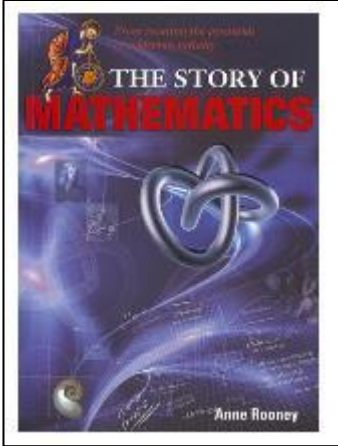


## The Further Mathematics Support Programme

### Mathematical texts authored by female mathematicians

Female mathematicians have written texts about mathematics occurring in a range of contexts – here is a sample in the fields of computing, history, pure mathematics, law and even crocheting!

Book, author and synopsis	Book cover
<p><i>In Code: A Mathematical Journey</i> by Sarah Flannery. Sarah won Irish Young Scientist of the year in 2001, aged 16, for developing a highly innovative, speedy and secure system of encoding data on the Internet.</p>	
<p><i>Crocheting Adventures with Hyperbolic Planes</i> by Daina Taimina. Around two hundred photographs offer a tactile introduction to non-Euclidean geometry and makes connections between geometry, art, nature, and sciences. This book won the Euler Book Prize in 2012.</p>	
<p><i>Math on Trial: How Numbers get Used and Abused in the Courtroom</i> by Leila Schneps and Coralie Colmez This book outlines ten trials spanning from the nineteenth century to today, in which mathematical arguments were used (and disastrously misused) as evidence. It shows how the improper application of mathematical concepts can mean the difference between a person walking free and life in prison.</p>	

Book, author and synopsis	Book cover
<p><i>The Story of Mathematics: From Creating the Pyramids to Exploring Infinity</i> by Anne Rooney.</p> <p>This book provides a history of the past 4000 years, plotting a journey from innumerate cave-dwellers, through a range of towering mathematical intellects, to the mathematics of the modern day.</p>	
<p><i>From Zero to Infinity: What Makes Numbers Interesting</i> by Constance Reid.</p> <p>An introduction to the history of number with simple descriptions of difficult problems and detail of recent advances in number theory over the last 50 years, including the proof of Fermat's Last Theorem.</p>	