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Kurt Gödel, who would have celebrated his 100th birthday next year, showed in 1931 that the power of maths to explain the world is limited: his famous incompleteness theorem proves mathematically that maths cannot prove everything. **Gregory Chaitin** explains why he thinks that Gödel's incompleteness theorem is only the tip of the iceberg, and why mathematics is far too complex ever to be described by a single theory.



### ART+MATH=X

**Carla Farsi** is both an artist and a mathematician, who declared 2005 her Special Year for art and maths. Find out what she got up to, and what it's like being a part of both worlds.



### Crime fighting maths

Maths is not the first thing that springs to mind when you think about fighting crime. But a closer look reveals that it is behind many of the techniques that modern detectives rely on. **Chris Budd** investigates.



### Einstein as icon

One hundred years ago, in 1905, Albert Einstein changed physics forever with his special theory of relativity. Since then his name and hair do have become synonymous with genius. **John D Barrow** looks at Einstein as

a media star.



I'm not paying that!

It's not that long ago that all you needed to run an airline was a few planes and some competent pilots. But now, with more of us zipping around the globe every year and the advent of no frills airlines, keeping an airline competitive has become a complicated business. **Christine Currie** explains how your airfare is calculated.



Career interview: maths teacher

Adrian Dow has a huge change ahead of him: after fourteen years in the UK and around the world, he's about to return to his native Trinidad with the ultimate aim to open his own school. *Plus* intercepted him on the way to the airport.



*Plus* is part of the family of activities in the Millennium Mathematics Project, which also includes the NRICH and MOTIVATE sites.