

# Santa Fe Science Café for Young Thinkers

## “Music and Math”



**Cris Moore**  
**Santa Fe Institute**

**Thursday, October 23**  
**6:00-7:30 PM**

**Georgia O’Keeffe Museum**  
**Education Annex**  
**123 Grant Avenue, Santa Fe**

Music and math are both full of predictable patterns and passionate surprises. How do composers use mathematical structures to fascinate our minds and stir our hearts? And how does mathematics come alive for those who explore it? We'll talk about connections between these two profoundly human pursuits from Pythagoras to Harry Potter, from fractions to fractals, from Bach to Brubeck, and from the music of the spheres to the mysteries of the primes.

**Admission is Free.** Youth (ages 13-19) seating a priority. Light refreshments will be served.

Cris was educated in mathematics, physics, and integrated science at Northwestern and at Cornell. He has written widely about subjects at the boundaries between physics, computer science and biology.

*Sponsors: Santa Fe Alliance for Science; Santa Fe Public Schools; Georgia O’Keeffe Museum; Santa Fe Institute. Call 603-7468 for more information.*