

Cosmic Chemistry Show (Senior)

Subject Area(s):	Science
Key Stages:	Ideal for KS 2, 3 and 4
Time Requirements:	
Set-Up Time	20 Minutes
Duration	50 Minutes
Reset Time	5 Minutes
Set Down Time	15 Minutes



Description: From the big bang to the big crunch, this exciting show will demonstrate the creation of the universe through to the evolution of its most complicated creation, us. The Cosmic Chemistry show consists of demonstrations, videos and activities on the theme of spaced related chemistry and geology. We examine the universe of comets and what it tells us about the early days of our solar system, and look at the way early geochemical events in the Earth's past that have shaped the way the planet looks today. During the presentation we will make our own comet, produce water, and create a home made Aurora Borealis.

Learning Points:

- Spaced related material science
- Chemistry and geology
- Atoms and molecules
- Physical processes

Group / Class Size: 80 maximum

Space Requirements: Presentation area including 2 tables and at least 2 metres of clearance between tables and audience

Equipment Requirements: Data projector, screen and speakers (in general built in and PC speakers are inadequate for the task), 2 tables, water

Notes: It is strongly advised that smoke detection equipment is **disabled** within and near to the performance area