

Cosmic Chemistry Show (Junior)

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| Subject Area(s): | Science |
| Key Stages: | Ideal for KS 2 |
| Time Requirements: | |
| Set-Up Time | 20 Minutes |
| Duration | 40 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, our Solar System and us. The Cosmic Chemistry show consists of demonstrations, videos and activities on the theme of space related chemistry. We examine the formation of comets, our Solar System, the universe and how they shape the way the Earth 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 of space
- Formation / organisation of Solar System
- 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