



## RSE@Schools

### Capturing Colour with Chemistry

By Dr Greig Chisholm

Colour has fascinated mankind for time immemorial, from the blue sky to the colour of gemstones, from the dying of fabrics to coloured lasers. We have tried to understand its origins and to control its production in the manufacture of objects as diverse as automotive paints and flat screen computer monitors.

Find out about the history of colour chemistry from the stone ages to the present day, the kind of compounds which produce colour and the uses coloured chemicals are put to in the modern world.

This lecture is suitable for all ages.

Dr Greig Chisholm is a senior research chemist in colour chemistry and crystal engineering. He is also a visiting lecturer at Strathclyde University.

#### Curriculum Links

- 5 - 14 Science: Changing Materials
- Standard Grade Chemistry: Chemical Reactions
- Higher Chemistry: Chemical Reactions
- Advanced Higher Chemistry: Principals of Chemical Reactions; Organic Chemistry