



## Mirrors, Medicines and Metals

By Dr Susan Armstrong

How are metals, mirrors and medicine related? Mirror images are familiar to us all in everyday life - and they occur in chemistry as well, where mirror images of molecules can have different effects. These mirror image properties are known as chirality.

Using the power of metals to control chirality, chemists can make medicines for specific purposes. Molecules with chirality can perform different functions and this power has been used to help develop medicines and catalysts with specific purposes and actions.

The talk is suitable for students in S5-S6 and includes a wide range of practical demonstrations.

Dr Susan Armstrong is a lecturer in Organic Chemistry at the University of Glasgow.

### Curriculum Links

- Higher Chemistry: Changing Materials
- Advanced Higher Chemistry: Principles of Chemical Reactions; Organic Chemistry

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