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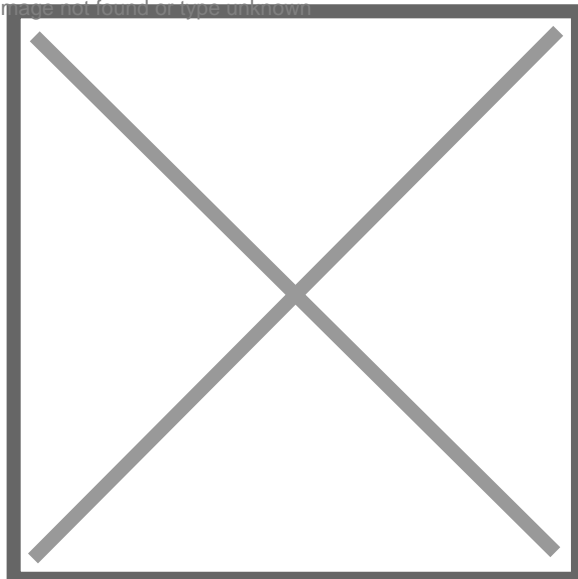
**Product Name :**

Molecular Model Set – Key Stage 3  
Chemistry

**Product Code :**

SLE/Mo/31

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## Description :

This model was designed to used with the Key Stage 3 Chemistry Syllabus.

### Kit outline :

This kit introduces atoms, elements, compounds and their chemical symbols, molecular formulae and representations by colour coded parts, with an emphasis on modelling the conservation of mass during chemical reactions.

### The set can be used to model the chemical reactions below :

Displacement reactions of metals in salts  
Examples of common acids, bases and alkalis  
Extraction of metals by the reduction of metal oxides by Carbon  
Neutralization reactions of acids and alkalis  
Material examples of Polymers, PVC and Polyethelene  
Greenhouse effect through the production of CO<sub>2</sub>  
Reactions of acids with metals to produce a salt and hydrogen  
Reactions of acids and alkalis to produce a salt and water  
Reactions of acid rain on the soil, metals and limestone  
Respiration chemical reaction on glucose.  
Oxidation by combustion of hydrocarbons  
Oxidation of through rusting of metals  
Thermal decomposition of metal carbonates

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