



## Light Up Signs

Lesson	Objective/s
Lesson 1	<ul style="list-style-type: none"><li>• Review previous knowledge.</li><li>• Mind map of current knowledge - this is to be updated at the end of each lesson with new knowledge.</li><li>• Look at new knowledge organiser.</li></ul>
Lesson 2	<ul style="list-style-type: none"><li>• To investigate and analyse illuminated signs (reading opportunity).</li></ul>
Lesson 3	<ul style="list-style-type: none"><li>• To understand how LEDs may be used instead of traditional incandescent bulbs in a series circuit.</li></ul>
Lesson 4	<ul style="list-style-type: none"><li>• To develop ideas for a decorative illuminated sign.</li></ul>
Lesson 5	<ul style="list-style-type: none"><li>• To select and use tools, equipment, material and component to make the enclosure of a decorative illuminated sign.</li></ul>
Lesson 6	<ul style="list-style-type: none"><li>• To construct a working circuit with one or more lights and fit it in a decorative illuminated sign.</li></ul>
Lesson 7	<ul style="list-style-type: none"><li>• To investigate ways in which computers can be used to program and control lights in a product.</li></ul>